

.Supplemental material- Report

Local optimal solution found.

Objective value: 0.8038611
Objective bound: 0.8038611
Infeasibilities: 0.2793968E-08
Extended solver steps: 682
Total solver iterations: 65896
Elapsed runtime seconds: 62.60

Model Class: MIQP

Total variables: 2450
Nonlinear variables: 1698
Integer variables: 294

Total constraints: 2336
Nonlinear constraints: 229

Total nonzeros: 10198
Nonlinear nonzeros: 1600

Variable	Value	Reduced Cost
N_PC_PT_LC	7.000000	0.000000
N_DC_PT_LC	6.000000	0.000000
N_CC_PT_LC	5.000000	0.000000
N_RC_PT_LC	5.000000	0.000000
N_PC_LC	2.000000	0.000000
N_DC_LC	2.000000	0.000000
N_CC_LC	2.000000	0.000000
N_RC_LC	2.000000	0.000000
N_PER	4.000000	0.000000
N_SUP	9.000000	0.000000
N_RW_MT	6.000000	0.000000
N_PRD	4.000000	0.000000
N_CUS	10.000000	0.000000
N_Z_MT	4.000000	0.000000
N_G_MT	2.000000	0.000000
W_G	0.5000000	0.000000
ALPHA_CUT	0.5000000	0.000000
GREEN_MAX	124622.9	0.000000
GREEN_MIN	64907.06	0.000000
TCT_MAX	0.1100000E+08	0.000000
TCT_MIN	7814672.	0.000000
C_DSC	0.5000000	0.000000
C_DSR	0.4000000	0.000000
TAW_D	0.2000000	0.000000
W_C	0.5000000	0.000000
TP_L	1070000.	0.000000
TP_F	678900.0	0.000000
TP_V	2320050.	0.000000
TP_IP	2528.783	0.000000
TP_IR	2009.894	0.000000
TP_FS	85900.00	0.000000
TP_VSS	993442.1	0.000000
TPC	5152831.	0.000000
TD_L	680000.0	0.000000
TD_ID	3231.924	0.000000
TD_DC	126239.0	0.000000
TDC	809471.0	0.000000
TC_L	443000.0	0.000000
TC_IS	10780.01	0.000000
TC_IP	1138.636	0.000000
TC_IZ	329.5882	0.000000
TC_DSC	386.5210	0.000000
TCC	455634.8	0.000000

TR_L	542000.0	0.000000
TR_RC	71240.37	0.000000
TR_DSR	342.1046	0.000000
TR_IZ	322.0000	0.000000
TR_IR	62.50000	0.000000
TR_P	5937.500	0.000000
TRC	608029.5	0.000000
TTC	1154744.	0.000000
GREEN	108059.9	0.000000
LAMBDA_F2	0.7226361	0.000000
TCT	8180710.	0.000000
LAMBDA_F1	0.8850861	0.000000
C_LP(1)	430000.0	0.000000
C_LP(2)	650000.0	0.000000
C_LP(3)	550000.0	0.000000
C_LP(4)	520000.0	0.000000
C_LP(5)	500000.0	0.000000
C_LP(6)	490000.0	0.000000
C_LP(7)	450000.0	0.000000
C_LD(1)	516000.0	0.000000
C_LD(2)	585000.0	0.000000
C_LD(3)	330000.0	0.000000
C_LD(4)	312000.0	0.000000
C_LD(5)	350000.0	0.000000
C_LD(6)	539000.0	0.000000
C_LC(1)	361200.0	0.000000
C_LC(2)	643500.0	0.000000
C_LC(3)	198000.0	0.000000
C_LC(4)	374400.0	0.000000
C_LC(5)	245000.0	0.000000
C_LR(1)	309600.0	0.000000
C_LR(2)	409500.0	0.000000
C_LR(3)	297000.0	0.000000
C_LR(4)	249600.0	0.000000
C_LR(5)	245000.0	0.000000
C_TR(1)	0.3000000E-01	0.000000
C_TR(2)	0.3900000	0.000000
C_TR(3)	0.7000000E-01	0.000000
C_TR(4)	0.2000000E-01	0.000000
C_TR(5)	0.5000000E-01	0.000000
C_TR(6)	0.2000000E-01	0.000000
PHI_D(1)	0.8000000E-01	0.000000
PHI_D(2)	0.1500000	0.000000
PHI_D(3)	0.1200000	0.000000
PHI_D(4)	0.1300000	0.000000
C_TP(1)	1.680000	0.000000
C_TP(2)	1.190000	0.000000
C_TP(3)	1.680000	0.000000
C_TP(4)	0.3200000	0.000000
LAMBDA_D(1)	0.5000000E-01	0.000000
LAMBDA_D(2)	0.1000000	0.000000
LAMBDA_D(3)	0.5000000E-01	0.000000
LAMBDA_D(4)	0.5000000E-01	0.000000
C_TZ(1)	1.520000	0.000000
C_TZ(2)	1.240000	0.000000
C_TZ(3)	0.5400000	0.000000
C_TZ(4)	0.5700000	0.000000
P_G(1)	0.6000000	0.000000
P_G(2)	0.7000000	0.000000
Y_LP(1, 1)	0.000000	0.3048653E-01
Y_LP(1, 2)	0.000000	0.1979453E-01
Y_LP(1, 3)	1.000000	0.000000
Y_LP(1, 4)	0.000000	0.3592567E-02
Y_LP(1, 5)	0.000000	0.2623062E-01
Y_LP(1, 6)	0.000000	0.3228069E-01
Y_LP(1, 7)	0.000000	0.3003654E-01

Y_LP(2, 1)	0.000000	0.4426921E-01
Y_LP(2, 2)	0.000000	0.4070808E-01
Y_LP(2, 3)	0.000000	0.2805114E-01
Y_LP(2, 4)	1.000000	0.000000
Y_LP(2, 5)	0.000000	0.6167755E-01
Y_LP(2, 6)	0.000000	0.8960737E-01
Y_LP(2, 7)	0.000000	0.9479217E-01
Y_LD(1, 1)	0.000000	0.5894957E-01
Y_LD(1, 2)	0.000000	0.9282545E-01
Y_LD(1, 3)	1.000000	0.000000
Y_LD(1, 4)	0.000000	0.1107814
Y_LD(1, 5)	0.000000	0.9230302E-01
Y_LD(1, 6)	0.000000	0.1129364
Y_LD(2, 1)	0.000000	0.1407751E-01
Y_LD(2, 2)	0.000000	0.4218611E-01
Y_LD(2, 3)	0.000000	0.000000
Y_LD(2, 4)	0.000000	0.2970867E-01
Y_LD(2, 5)	1.000000	0.000000
Y_LD(2, 6)	0.000000	0.8867655E-01
Y_LC(1, 1)	0.000000	0.2179754E-01
Y_LC(1, 2)	0.000000	0.5986867E-01
Y_LC(1, 3)	0.000000	0.7578457E-03
Y_LC(1, 4)	0.000000	0.2392849E-01
Y_LC(1, 5)	1.000000	0.000000
Y_LC(2, 1)	0.000000	0.2523414E-01
Y_LC(2, 2)	0.000000	0.6983331E-01
Y_LC(2, 3)	1.000000	0.000000
Y_LC(2, 4)	0.000000	0.2787939E-01
Y_LC(2, 5)	0.000000	0.7139297E-02
Y_LR(1, 1)	0.000000	0.1575960E-01
Y_LR(1, 2)	0.000000	0.1881969E-01
Y_LR(1, 3)	1.000000	0.000000
Y_LR(1, 4)	0.000000	0.8318646E-02
Y_LR(1, 5)	0.000000	0.000000
Y_LR(2, 1)	0.000000	0.1263201E-01
Y_LR(2, 2)	0.000000	0.2169893E-01
Y_LR(2, 3)	0.000000	0.4003596E-02
Y_LR(2, 4)	0.000000	0.5255943E-02
Y_LR(2, 5)	1.000000	0.000000
D_APD(1, 1)	62.10000	0.000000
D_APD(1, 2)	124.1000	0.000000
D_APD(1, 3)	75.90000	0.000000
D_APD(1, 4)	155.9000	0.000000
D_APD(1, 5)	69.00000	0.000000
D_APD(1, 6)	131.0000	0.000000
D_APD(2, 1)	48.30000	0.000000
D_APD(2, 2)	75.90000	0.000000
D_APD(2, 3)	20.70000	0.000000
D_APD(2, 4)	107.6000	0.000000
D_APD(2, 5)	75.90000	0.000000
D_APD(2, 6)	89.70000	0.000000
D_APD(3, 1)	55.20000	0.000000
D_APD(3, 2)	69.00000	0.000000
D_APD(3, 3)	19.30000	0.000000
D_APD(3, 4)	92.40000	0.000000
D_APD(3, 5)	84.10000	0.000000
D_APD(3, 6)	48.30000	0.000000
D_APD(4, 1)	24.80000	0.000000
D_APD(4, 2)	41.40000	0.000000
D_APD(4, 3)	24.80000	0.000000
D_APD(4, 4)	73.10000	0.000000
D_APD(4, 5)	46.90000	0.000000
D_APD(4, 6)	86.90000	0.000000
D_APD(5, 1)	85.50000	0.000000
D_APD(5, 2)	31.70000	0.000000
D_APD(5, 3)	67.60000	0.000000

D_APD(5, 4)	30.30000	0.000000
D_APD(5, 5)	103.4000	0.000000
D_APD(5, 6)	71.70000	0.000000
D_APD(6, 1)	107.6000	0.000000
D_APD(6, 2)	62.10000	0.000000
D_APD(6, 3)	78.60000	0.000000
D_APD(6, 4)	64.80000	0.000000
D_APD(6, 5)	131.0000	0.000000
D_APD(6, 6)	48.30000	0.000000
D_APD(7, 1)	110.3000	0.000000
D_APD(7, 2)	125.5000	0.000000
D_APD(7, 3)	80.00000	0.000000
D_APD(7, 4)	147.6000	0.000000
D_APD(7, 5)	137.9000	0.000000
D_APD(7, 6)	100.7000	0.000000
D_ADC(1, 1)	86.90000	0.000000
D_ADC(1, 2)	38.60000	0.000000
D_ADC(1, 3)	20.70000	0.000000
D_ADC(1, 4)	22.10000	0.000000
D_ADC(1, 5)	51.00000	0.000000
D_ADC(1, 6)	59.30000	0.000000
D_ADC(1, 7)	45.50000	0.000000
D_ADC(1, 8)	88.30000	0.000000
D_ADC(1, 9)	93.80000	0.000000
D_ADC(1, 10)	97.90000	0.000000
D_ADC(2, 1)	142.1000	0.000000
D_ADC(2, 2)	93.80000	0.000000
D_ADC(2, 3)	66.20000	0.000000
D_ADC(2, 4)	44.10000	0.000000
D_ADC(2, 5)	64.80000	0.000000
D_ADC(2, 6)	34.50000	0.000000
D_ADC(2, 7)	27.60000	0.000000
D_ADC(2, 8)	89.70000	0.000000
D_ADC(2, 9)	62.10000	0.000000
D_ADC(2, 10)	45.50000	0.000000
D_ADC(3, 1)	89.70000	0.000000
D_ADC(3, 2)	44.10000	0.000000
D_ADC(3, 3)	17.90000	0.000000
D_ADC(3, 4)	41.40000	0.000000
D_ADC(3, 5)	80.00000	0.000000
D_ADC(3, 6)	74.50000	0.000000
D_ADC(3, 7)	30.30000	0.000000
D_ADC(3, 8)	51.00000	0.000000
D_ADC(3, 9)	62.10000	0.000000
D_ADC(3, 10)	85.50000	0.000000
D_ADC(4, 1)	173.8000	0.000000
D_ADC(4, 2)	126.9000	0.000000
D_ADC(4, 3)	99.30000	0.000000
D_ADC(4, 4)	75.90000	0.000000
D_ADC(4, 5)	86.90000	0.000000
D_ADC(4, 6)	52.40000	0.000000
D_ADC(4, 7)	57.90000	0.000000
D_ADC(4, 8)	110.3000	0.000000
D_ADC(4, 9)	73.10000	0.000000
D_ADC(4, 10)	27.60000	0.000000
D_ADC(5, 1)	100.7000	0.000000
D_ADC(5, 2)	59.30000	0.000000
D_ADC(5, 3)	49.70000	0.000000
D_ADC(5, 4)	33.10000	0.000000
D_ADC(5, 5)	31.70000	0.000000
D_ADC(5, 6)	57.90000	0.000000
D_ADC(5, 7)	69.00000	0.000000
D_ADC(5, 8)	115.9000	0.000000
D_ADC(5, 9)	118.6000	0.000000
D_ADC(5, 10)	120.0000	0.000000
D_ADC(6, 1)	131.0000	0.000000

D_ADC (6, 2)	102.1000	0.000000
D_ADC (6, 3)	85.50000	0.000000
D_ADC (6, 4)	102.1000	0.000000
D_ADC (6, 5)	139.3000	0.000000
D_ADC (6, 6)	118.6000	0.000000
D_ADC (6, 7)	69.00000	0.000000
D_ADC (6, 8)	26.20000	0.000000
D_ADC (6, 9)	29.00000	0.000000
D_ADC (6, 10)	80.00000	0.000000
D_ASP (1, 1)	55.20000	0.000000
D_ASP (1, 2)	55.20000	0.000000
D_ASP (1, 3)	69.00000	0.000000
D_ASP (1, 4)	92.40000	0.000000
D_ASP (1, 5)	137.9000	0.000000
D_ASP (1, 6)	137.9000	0.000000
D_ASP (1, 7)	64.80000	0.000000
D_ASP (2, 1)	75.90000	0.000000
D_ASP (2, 2)	48.30000	0.000000
D_ASP (2, 3)	57.90000	0.000000
D_ASP (2, 4)	92.40000	0.000000
D_ASP (2, 5)	124.1000	0.000000
D_ASP (2, 6)	117.2000	0.000000
D_ASP (2, 7)	34.50000	0.000000
D_ASP (3, 1)	103.4000	0.000000
D_ASP (3, 2)	41.40000	0.000000
D_ASP (3, 3)	20.70000	0.000000
D_ASP (3, 4)	55.20000	0.000000
D_ASP (3, 5)	55.20000	0.000000
D_ASP (3, 6)	48.30000	0.000000
D_ASP (3, 7)	66.20000	0.000000
D_ASP (4, 1)	121.4000	0.000000
D_ASP (4, 2)	88.30000	0.000000
D_ASP (4, 3)	78.60000	0.000000
D_ASP (4, 4)	45.50000	0.000000
D_ASP (4, 5)	48.30000	0.000000
D_ASP (4, 6)	82.80000	0.000000
D_ASP (4, 7)	144.8000	0.000000
D_ASP (5, 1)	92.40000	0.000000
D_ASP (5, 2)	69.00000	0.000000
D_ASP (5, 3)	69.00000	0.000000
D_ASP (5, 4)	27.60000	0.000000
D_ASP (5, 5)	69.00000	0.000000
D_ASP (5, 6)	100.7000	0.000000
D_ASP (5, 7)	131.0000	0.000000
D_ASP (6, 1)	117.2000	0.000000
D_ASP (6, 2)	103.4000	0.000000
D_ASP (6, 3)	103.4000	0.000000
D_ASP (6, 4)	62.10000	0.000000
D_ASP (6, 5)	82.80000	0.000000
D_ASP (6, 6)	121.4000	0.000000
D_ASP (6, 7)	165.5000	0.000000
D_ASP (7, 1)	41.40000	0.000000
D_ASP (7, 2)	69.00000	0.000000
D_ASP (7, 3)	82.80000	0.000000
D_ASP (7, 4)	57.90000	0.000000
D_ASP (7, 5)	117.2000	0.000000
D_ASP (7, 6)	140.7000	0.000000
D_ASP (7, 7)	131.0000	0.000000
D_ASP (8, 1)	182.1000	0.000000
D_ASP (8, 2)	124.1000	0.000000
D_ASP (8, 3)	110.3000	0.000000
D_ASP (8, 4)	103.4000	0.000000
D_ASP (8, 5)	41.40000	0.000000
D_ASP (8, 6)	100.7000	0.000000
D_ASP (8, 7)	151.7000	0.000000
D_ASP (9, 1)	158.6000	0.000000

D_ASP(9, 2)	91.00000	0.000000
D_ASP(9, 3)	75.90000	0.000000
D_ASP(9, 4)	103.4000	0.000000
D_ASP(9, 5)	75.90000	0.000000
D_ASP(9, 6)	44.10000	0.000000
D_ASP(9, 7)	74.50000	0.000000
D_ACR(1, 1)	99.30000	0.000000
D_ACR(1, 2)	20.70000	0.000000
D_ACR(1, 3)	30.30000	0.000000
D_ACR(1, 4)	85.50000	0.000000
D_ACR(1, 5)	82.80000	0.000000
D_ACR(2, 1)	41.40000	0.000000
D_ACR(2, 2)	70.30000	0.000000
D_ACR(2, 3)	38.60000	0.000000
D_ACR(2, 4)	77.20000	0.000000
D_ACR(2, 5)	20.70000	0.000000
D_ACR(3, 1)	96.60000	0.000000
D_ACR(3, 2)	57.90000	0.000000
D_ACR(3, 3)	41.40000	0.000000
D_ACR(3, 4)	60.70000	0.000000
D_ACR(3, 5)	99.30000	0.000000
D_ACR(4, 1)	24.80000	0.000000
D_ACR(4, 2)	88.30000	0.000000
D_ACR(4, 3)	46.90000	0.000000
D_ACR(4, 4)	44.10000	0.000000
D_ACR(4, 5)	55.20000	0.000000
D_ACR(5, 1)	84.10000	0.000000
D_ACR(5, 2)	33.10000	0.000000
D_ACR(5, 3)	34.50000	0.000000
D_ACR(5, 4)	99.30000	0.000000
D_ACR(5, 5)	48.30000	0.000000
D_ARP(1, 1)	44.10000	0.000000
D_ARP(1, 2)	34.50000	0.000000
D_ARP(1, 3)	52.40000	0.000000
D_ARP(1, 4)	73.10000	0.000000
D_ARP(1, 5)	118.6000	0.000000
D_ARP(1, 6)	121.4000	0.000000
D_ARP(1, 7)	64.80000	0.000000
D_ARP(2, 1)	135.2000	0.000000
D_ARP(2, 2)	73.10000	0.000000
D_ARP(2, 3)	55.20000	0.000000
D_ARP(2, 4)	62.10000	0.000000
D_ARP(2, 5)	22.10000	0.000000
D_ARP(2, 6)	22.10000	0.000000
D_ARP(2, 7)	99.30000	0.000000
D_ARP(3, 1)	93.80000	0.000000
D_ARP(3, 2)	34.50000	0.000000
D_ARP(3, 3)	19.30000	0.000000
D_ARP(3, 4)	30.30000	0.000000
D_ARP(3, 5)	49.70000	0.000000
D_ARP(3, 6)	59.30000	0.000000
D_ARP(3, 7)	80.00000	0.000000
D_ARP(4, 1)	52.40000	0.000000
D_ARP(4, 2)	56.60000	0.000000
D_ARP(4, 3)	69.00000	0.000000
D_ARP(4, 4)	44.10000	0.000000
D_ARP(4, 5)	103.4000	0.000000
D_ARP(4, 6)	125.5000	0.000000
D_ARP(4, 7)	117.2000	0.000000
D_ARP(5, 1)	96.60000	0.000000
D_ARP(5, 2)	41.40000	0.000000
D_ARP(5, 3)	40.00000	0.000000
D_ARP(5, 4)	81.40000	0.000000
D_ARP(5, 5)	99.30000	0.000000
D_ARP(5, 6)	86.90000	0.000000
D_ARP(5, 7)	23.40000	0.000000

D_PD(1, 1)	19.30000	0.000000
D_PD(1, 2)	84.10000	0.000000
D_PD(2, 1)	24.80000	0.000000
D_PD(2, 2)	46.90000	0.000000
D_DC(1, 1)	89.70000	0.000000
D_DC(1, 2)	44.10000	0.000000
D_DC(1, 3)	17.90000	0.000000
D_DC(1, 4)	41.40000	0.000000
D_DC(1, 5)	80.00000	0.000000
D_DC(1, 6)	74.50000	0.000000
D_DC(1, 7)	30.30000	0.000000
D_DC(1, 8)	51.00000	0.000000
D_DC(1, 9)	62.10000	0.000000
D_DC(1, 10)	85.50000	0.000000
D_DC(2, 1)	100.7000	0.000000
D_DC(2, 2)	59.30000	0.000000
D_DC(2, 3)	49.70000	0.000000
D_DC(2, 4)	33.10000	0.000000
D_DC(2, 5)	31.70000	0.000000
D_DC(2, 6)	57.90000	0.000000
D_DC(2, 7)	69.00000	0.000000
D_DC(2, 8)	115.9000	0.000000
D_DC(2, 9)	118.6000	0.000000
D_DC(2, 10)	120.0000	0.000000
D_SP(1, 1)	69.00000	0.000000
D_SP(1, 2)	92.40000	0.000000
D_SP(2, 1)	57.90000	0.000000
D_SP(2, 2)	92.40000	0.000000
D_SP(3, 1)	20.70000	0.000000
D_SP(3, 2)	55.20000	0.000000
D_SP(4, 1)	78.60000	0.000000
D_SP(4, 2)	45.50000	0.000000
D_SP(5, 1)	69.00000	0.000000
D_SP(5, 2)	27.60000	0.000000
D_SP(6, 1)	103.4000	0.000000
D_SP(6, 2)	62.10000	0.000000
D_SP(7, 1)	82.80000	0.000000
D_SP(7, 2)	57.90000	0.000000
D_SP(8, 1)	110.3000	0.000000
D_SP(8, 2)	103.4000	0.000000
D_SP(9, 1)	75.90000	0.000000
D_SP(9, 2)	103.4000	0.000000
D_CR(1, 1)	34.50000	0.000000
D_CR(1, 2)	48.30000	0.000000
D_CR(2, 1)	41.40000	0.000000
D_CR(2, 2)	99.30000	0.000000
D_RP(1, 1)	19.30000	0.000000
D_RP(1, 2)	30.30000	0.000000
D_RP(2, 1)	40.00000	0.000000
D_RP(2, 2)	81.40000	0.000000
X_QG(1, 1, 1)	0.000000	0.000000
X_QG(1, 1, 2)	580.1214	0.000000
X_QG(1, 1, 3)	845.1149	0.000000
X_QG(1, 1, 4)	629.8666	0.000000
X_QG(1, 2, 1)	0.000000	0.7096683E-06
X_QG(1, 2, 2)	0.000000	0.8038501E-06
X_QG(1, 2, 3)	0.000000	0.9137289E-06
X_QG(1, 2, 4)	0.000000	0.1007911E-05
X_QG(2, 1, 1)	0.000000	0.000000
X_QG(2, 1, 2)	458.4516	0.000000
X_QG(2, 1, 3)	1712.081	0.000000
X_QG(2, 1, 4)	114.7194	0.000000
X_QG(2, 2, 1)	0.000000	0.000000
X_QG(2, 2, 2)	1448.202	0.000000
X_QG(2, 2, 3)	1190.432	0.000000
X_QG(2, 2, 4)	1796.740	0.000000

X_FPDMAX (1, 1, 1)	200000.0	0.000000
X_FPDMAX (1, 1, 2)	200000.0	0.000000
X_FPDMAX (1, 1, 3)	200000.0	0.000000
X_FPDMAX (1, 1, 4)	200000.0	0.000000
X_FPDMAX (1, 2, 1)	200000.0	0.000000
X_FPDMAX (1, 2, 2)	200000.0	0.000000
X_FPDMAX (1, 2, 3)	200000.0	0.000000
X_FPDMAX (1, 2, 4)	200000.0	0.000000
X_FPDMAX (2, 1, 1)	200000.0	0.000000
X_FPDMAX (2, 1, 2)	200000.0	0.000000
X_FPDMAX (2, 1, 3)	200000.0	0.000000
X_FPDMAX (2, 1, 4)	200000.0	0.000000
X_FPDMAX (2, 2, 1)	200000.0	0.000000
X_FPDMAX (2, 2, 2)	200000.0	0.000000
X_FPDMAX (2, 2, 3)	200000.0	0.000000
X_FPDMAX (2, 2, 4)	200000.0	0.000000
X_FDCMAX (1, 1)	100000.0	0.000000
X_FDCMAX (1, 2)	100000.0	0.000000
X_FDCMAX (1, 3)	100000.0	0.000000
X_FDCMAX (1, 4)	100000.0	0.000000
X_FDCMAX (2, 1)	100000.0	0.000000
X_FDCMAX (2, 2)	100000.0	0.000000
X_FDCMAX (2, 3)	100000.0	0.000000
X_FDCMAX (2, 4)	100000.0	0.000000
X_FCRMAX (1, 1, 1)	2200.000	0.000000
X_FCRMAX (1, 1, 2)	2300.000	0.000000
X_FCRMAX (1, 1, 3)	2300.000	0.000000
X_FCRMAX (1, 1, 4)	2300.000	0.000000
X_FCRMAX (1, 2, 1)	2300.000	0.000000
X_FCRMAX (1, 2, 2)	2300.000	0.000000
X_FCRMAX (1, 2, 3)	2300.000	0.000000
X_FCRMAX (1, 2, 4)	2300.000	0.000000
X_FCRMAX (2, 1, 1)	2400.000	0.000000
X_FCRMAX (2, 1, 2)	2400.000	0.000000
X_FCRMAX (2, 1, 3)	2000.000	0.000000
X_FCRMAX (2, 1, 4)	2400.000	0.000000
X_FCRMAX (2, 2, 1)	2300.000	0.000000
X_FCRMAX (2, 2, 2)	2100.000	0.000000
X_FCRMAX (2, 2, 3)	2100.000	0.000000
X_FCRMAX (2, 2, 4)	2000.000	0.000000
X_FRPMAX (1, 1, 1)	350.0000	0.000000
X_FRPMAX (1, 1, 2)	330.0000	0.000000
X_FRPMAX (1, 1, 3)	400.0000	0.000000
X_FRPMAX (1, 1, 4)	430.0000	0.000000
X_FRPMAX (1, 2, 1)	370.0000	0.000000
X_FRPMAX (1, 2, 2)	410.0000	0.000000
X_FRPMAX (1, 2, 3)	340.0000	0.000000
X_FRPMAX (1, 2, 4)	370.0000	0.000000
X_FRPMAX (2, 1, 1)	330.0000	0.000000
X_FRPMAX (2, 1, 2)	420.0000	0.000000
X_FRPMAX (2, 1, 3)	360.0000	0.000000
X_FRPMAX (2, 1, 4)	320.0000	0.000000
X_FRPMAX (2, 2, 1)	370.0000	0.000000
X_FRPMAX (2, 2, 2)	420.0000	0.000000
X_FRPMAX (2, 2, 3)	380.0000	0.000000
X_FRPMAX (2, 2, 4)	400.0000	0.000000
X_FSPMAX (1, 1, 1)	29000.00	0.000000
X_FSPMAX (1, 1, 2)	31000.00	0.000000
X_FSPMAX (1, 1, 3)	29000.00	0.000000
X_FSPMAX (1, 1, 4)	25000.00	0.000000
X_FSPMAX (1, 2, 1)	25000.00	0.000000
X_FSPMAX (1, 2, 2)	28000.00	0.000000
X_FSPMAX (1, 2, 3)	28000.00	0.000000
X_FSPMAX (1, 2, 4)	30000.00	0.000000
X_FSPMAX (2, 1, 1)	26000.00	0.000000
X_FSPMAX (2, 1, 2)	26000.00	0.000000

X_FSPMAX (2, 1, 3)	29000.00	0.000000
X_FSPMAX (2, 1, 4)	26000.00	0.000000
X_FSPMAX (2, 2, 1)	26000.00	0.000000
X_FSPMAX (2, 2, 2)	30000.00	0.000000
X_FSPMAX (2, 2, 3)	31000.00	0.000000
X_FSPMAX (2, 2, 4)	28000.00	0.000000
X_FSPMAX (3, 1, 1)	22000.00	0.000000
X_FSPMAX (3, 1, 2)	24000.00	0.000000
X_FSPMAX (3, 1, 3)	22000.00	0.000000
X_FSPMAX (3, 1, 4)	20000.00	0.000000
X_FSPMAX (3, 2, 1)	24000.00	0.000000
X_FSPMAX (3, 2, 2)	25000.00	0.000000
X_FSPMAX (3, 2, 3)	19000.00	0.000000
X_FSPMAX (3, 2, 4)	21000.00	0.000000
X_FSPMAX (4, 1, 1)	23000.00	0.000000
X_FSPMAX (4, 1, 2)	24000.00	0.000000
X_FSPMAX (4, 1, 3)	20000.00	0.000000
X_FSPMAX (4, 1, 4)	20000.00	0.000000
X_FSPMAX (4, 2, 1)	21000.00	0.000000
X_FSPMAX (4, 2, 2)	20000.00	0.000000
X_FSPMAX (4, 2, 3)	22000.00	0.000000
X_FSPMAX (4, 2, 4)	22000.00	0.000000
X_FSPMAX (5, 1, 1)	24000.00	0.000000
X_FSPMAX (5, 1, 2)	21000.00	0.000000
X_FSPMAX (5, 1, 3)	20000.00	0.000000
X_FSPMAX (5, 1, 4)	24000.00	0.000000
X_FSPMAX (5, 2, 1)	24000.00	0.000000
X_FSPMAX (5, 2, 2)	22000.00	0.000000
X_FSPMAX (5, 2, 3)	20000.00	0.000000
X_FSPMAX (5, 2, 4)	21000.00	0.000000
X_FSPMAX (6, 1, 1)	25000.00	0.000000
X_FSPMAX (6, 1, 2)	22000.00	0.000000
X_FSPMAX (6, 1, 3)	24000.00	0.000000
X_FSPMAX (6, 1, 4)	22000.00	0.000000
X_FSPMAX (6, 2, 1)	20000.00	0.000000
X_FSPMAX (6, 2, 2)	22000.00	0.000000
X_FSPMAX (6, 2, 3)	25000.00	0.000000
X_FSPMAX (6, 2, 4)	19000.00	0.000000
X_FSPMAX (7, 1, 1)	33000.00	0.000000
X_FSPMAX (7, 1, 2)	29000.00	0.000000
X_FSPMAX (7, 1, 3)	30000.00	0.000000
X_FSPMAX (7, 1, 4)	33000.00	0.000000
X_FSPMAX (7, 2, 1)	37000.00	0.000000
X_FSPMAX (7, 2, 2)	29000.00	0.000000
X_FSPMAX (7, 2, 3)	29000.00	0.000000
X_FSPMAX (7, 2, 4)	31000.00	0.000000
X_FSPMAX (8, 1, 1)	30000.00	0.000000
X_FSPMAX (8, 1, 2)	29000.00	0.000000
X_FSPMAX (8, 1, 3)	36000.00	0.000000
X_FSPMAX (8, 1, 4)	30000.00	0.000000
X_FSPMAX (8, 2, 1)	32000.00	0.000000
X_FSPMAX (8, 2, 2)	32000.00	0.000000
X_FSPMAX (8, 2, 3)	35000.00	0.000000
X_FSPMAX (8, 2, 4)	30000.00	0.000000
X_FSPMAX (9, 1, 1)	34000.00	0.000000
X_FSPMAX (9, 1, 2)	26000.00	0.000000
X_FSPMAX (9, 1, 3)	39000.00	0.000000
X_FSPMAX (9, 1, 4)	26000.00	0.000000
X_FSPMAX (9, 2, 1)	32000.00	0.000000
X_FSPMAX (9, 2, 2)	31000.00	0.000000
X_FSPMAX (9, 2, 3)	40000.00	0.000000
X_FSPMAX (9, 2, 4)	33000.00	0.000000
C_FP (1, 1, 1)	11000.00	0.000000
C_FP (1, 1, 2)	15400.00	0.000000
C_FP (1, 1, 3)	18500.00	0.000000
C_FP (1, 1, 4)	27800.00	0.000000

C_FP(1, 2, 1)	12000.00	0.000000
C_FP(1, 2, 2)	16800.00	0.000000
C_FP(1, 2, 3)	21800.00	0.000000
C_FP(1, 2, 4)	30500.00	0.000000
C_FP(2, 1, 1)	21000.00	0.000000
C_FP(2, 1, 2)	27300.00	0.000000
C_FP(2, 1, 3)	27300.00	0.000000
C_FP(2, 1, 4)	27300.00	0.000000
C_FP(2, 2, 1)	19000.00	0.000000
C_FP(2, 2, 2)	22800.00	0.000000
C_FP(2, 2, 3)	25100.00	0.000000
C_FP(2, 2, 4)	35100.00	0.000000
C_FP(3, 1, 1)	15000.00	0.000000
C_FP(3, 1, 2)	22500.00	0.000000
C_FP(3, 1, 3)	24800.00	0.000000
C_FP(3, 1, 4)	24800.00	0.000000
C_FP(3, 2, 1)	16000.00	0.000000
C_FP(3, 2, 2)	16000.00	0.000000
C_FP(3, 2, 3)	22400.00	0.000000
C_FP(3, 2, 4)	22400.00	0.000000
C_FP(4, 1, 1)	23000.00	0.000000
C_FP(4, 1, 2)	32200.00	0.000000
C_FP(4, 1, 3)	32200.00	0.000000
C_FP(4, 1, 4)	32200.00	0.000000
C_FP(4, 2, 1)	26000.00	0.000000
C_FP(4, 2, 2)	33800.00	0.000000
C_FP(4, 2, 3)	40600.00	0.000000
C_FP(4, 2, 4)	44700.00	0.000000
C_VP(1, 1, 1)	47.000000	0.000000
C_VP(1, 1, 2)	47.000000	0.000000
C_VP(1, 1, 3)	49.000000	0.000000
C_VP(1, 1, 4)	49.000000	0.000000
C_VP(1, 2, 1)	49.000000	0.000000
C_VP(1, 2, 2)	50.000000	0.000000
C_VP(1, 2, 3)	50.000000	0.000000
C_VP(1, 2, 4)	51.000000	0.000000
C_VP(2, 1, 1)	70.000000	0.000000
C_VP(2, 1, 2)	74.000000	0.000000
C_VP(2, 1, 3)	75.000000	0.000000
C_VP(2, 1, 4)	79.000000	0.000000
C_VP(2, 2, 1)	68.000000	0.000000
C_VP(2, 2, 2)	69.000000	0.000000
C_VP(2, 2, 3)	72.000000	0.000000
C_VP(2, 2, 4)	74.000000	0.000000
C_VP(3, 1, 1)	51.000000	0.000000
C_VP(3, 1, 2)	53.000000	0.000000
C_VP(3, 1, 3)	54.000000	0.000000
C_VP(3, 1, 4)	55.000000	0.000000
C_VP(3, 2, 1)	50.000000	0.000000
C_VP(3, 2, 2)	51.000000	0.000000
C_VP(3, 2, 3)	52.000000	0.000000
C_VP(3, 2, 4)	54.000000	0.000000
C_VP(4, 1, 1)	20.000000	0.000000
C_VP(4, 1, 2)	21.000000	0.000000
C_VP(4, 1, 3)	21.000000	0.000000
C_VP(4, 1, 4)	21.000000	0.000000
C_VP(4, 2, 1)	19.000000	0.000000
C_VP(4, 2, 2)	19.000000	0.000000
C_VP(4, 2, 3)	19.000000	0.000000
C_VP(4, 2, 4)	20.000000	0.000000
C_IPP(1, 1, 1)	1.700000	0.000000
C_IPP(1, 1, 2)	1.900000	0.000000
C_IPP(1, 1, 3)	1.900000	0.000000
C_IPP(1, 1, 4)	2.100000	0.000000
C_IPP(1, 2, 1)	1.900000	0.000000
C_IPP(1, 2, 2)	1.900000	0.000000

C_IPP(1, 2, 3)	2.000000	0.000000
C_IPP(1, 2, 4)	2.100000	0.000000
C_IPP(2, 1, 1)	1.600000	0.000000
C_IPP(2, 1, 2)	1.700000	0.000000
C_IPP(2, 1, 3)	1.800000	0.000000
C_IPP(2, 1, 4)	2.000000	0.000000
C_IPP(2, 2, 1)	1.500000	0.000000
C_IPP(2, 2, 2)	1.600000	0.000000
C_IPP(2, 2, 3)	1.700000	0.000000
C_IPP(2, 2, 4)	1.700000	0.000000
C_IPP(3, 1, 1)	1.900000	0.000000
C_IPP(3, 1, 2)	1.900000	0.000000
C_IPP(3, 1, 3)	2.000000	0.000000
C_IPP(3, 1, 4)	2.000000	0.000000
C_IPP(3, 2, 1)	2.000000	0.000000
C_IPP(3, 2, 2)	2.000000	0.000000
C_IPP(3, 2, 3)	2.100000	0.000000
C_IPP(3, 2, 4)	2.100000	0.000000
C_IPP(4, 1, 1)	1.200000	0.000000
C_IPP(4, 1, 2)	1.200000	0.000000
C_IPP(4, 1, 3)	1.200000	0.000000
C_IPP(4, 1, 4)	1.200000	0.000000
C_IPP(4, 2, 1)	1.000000	0.000000
C_IPP(4, 2, 2)	1.000000	0.000000
C_IPP(4, 2, 3)	1.000000	0.000000
C_IPP(4, 2, 4)	1.000000	0.000000
CP_P(1, 1, 1)	2700.000	0.000000
CP_P(1, 1, 2)	2100.000	0.000000
CP_P(1, 1, 3)	2400.000	0.000000
CP_P(1, 1, 4)	3000.000	0.000000
CP_P(1, 2, 1)	2000.000	0.000000
CP_P(1, 2, 2)	2600.000	0.000000
CP_P(1, 2, 3)	2100.000	0.000000
CP_P(1, 2, 4)	2900.000	0.000000
CP_P(2, 1, 1)	2700.000	0.000000
CP_P(2, 1, 2)	2200.000	0.000000
CP_P(2, 1, 3)	2900.000	0.000000
CP_P(2, 1, 4)	2600.000	0.000000
CP_P(2, 2, 1)	3300.000	0.000000
CP_P(2, 2, 2)	2400.000	0.000000
CP_P(2, 2, 3)	3100.000	0.000000
CP_P(2, 2, 4)	2400.000	0.000000
CP_P(3, 1, 1)	1600.000	0.000000
CP_P(3, 1, 2)	2000.000	0.000000
CP_P(3, 1, 3)	1800.000	0.000000
CP_P(3, 1, 4)	2600.000	0.000000
CP_P(3, 2, 1)	2200.000	0.000000
CP_P(3, 2, 2)	2200.000	0.000000
CP_P(3, 2, 3)	2000.000	0.000000
CP_P(3, 2, 4)	2100.000	0.000000
CP_P(4, 1, 1)	2500.000	0.000000
CP_P(4, 1, 2)	2400.000	0.000000
CP_P(4, 1, 3)	3000.000	0.000000
CP_P(4, 1, 4)	1600.000	0.000000
CP_P(4, 2, 1)	3200.000	0.000000
CP_P(4, 2, 2)	2700.000	0.000000
CP_P(4, 2, 3)	2500.000	0.000000
CP_P(4, 2, 4)	1800.000	0.000000
INV_PPMAX(1, 1, 1)	5000.000	0.000000
INV_PPMAX(1, 1, 2)	5000.000	0.000000
INV_PPMAX(1, 1, 3)	5000.000	0.000000
INV_PPMAX(1, 1, 4)	5000.000	0.000000
INV_PPMAX(1, 2, 1)	7000.000	0.000000
INV_PPMAX(1, 2, 2)	7000.000	0.000000
INV_PPMAX(1, 2, 3)	7000.000	0.000000
INV_PPMAX(1, 2, 4)	7000.000	0.000000

INV_PPMAX(2, 1, 1)	8000.000	0.000000
INV_PPMAX(2, 1, 2)	8000.000	0.000000
INV_PPMAX(2, 1, 3)	8000.000	0.000000
INV_PPMAX(2, 1, 4)	8000.000	0.000000
INV_PPMAX(2, 2, 1)	7000.000	0.000000
INV_PPMAX(2, 2, 2)	7000.000	0.000000
INV_PPMAX(2, 2, 3)	7000.000	0.000000
INV_PPMAX(2, 2, 4)	7000.000	0.000000
INV_PPMAX(3, 1, 1)	7000.000	0.000000
INV_PPMAX(3, 1, 2)	7000.000	0.000000
INV_PPMAX(3, 1, 3)	7000.000	0.000000
INV_PPMAX(3, 1, 4)	7000.000	0.000000
INV_PPMAX(3, 2, 1)	9000.000	0.000000
INV_PPMAX(3, 2, 2)	9000.000	0.000000
INV_PPMAX(3, 2, 3)	9000.000	0.000000
INV_PPMAX(3, 2, 4)	9000.000	0.000000
INV_PPMAX(4, 1, 1)	5000.000	0.000000
INV_PPMAX(4, 1, 2)	5000.000	0.000000
INV_PPMAX(4, 1, 3)	5000.000	0.000000
INV_PPMAX(4, 1, 4)	5000.000	0.000000
INV_PPMAX(4, 2, 1)	6000.000	0.000000
INV_PPMAX(4, 2, 2)	6000.000	0.000000
INV_PPMAX(4, 2, 3)	6000.000	0.000000
INV_PPMAX(4, 2, 4)	6000.000	0.000000
Y_FP(1, 1, 1)	1.000000	0.1106746E-01
Y_FP(1, 1, 2)	1.000000	0.000000
Y_FP(1, 1, 3)	1.000000	0.000000
Y_FP(1, 1, 4)	1.000000	0.000000
Y_FP(1, 2, 1)	1.000000	0.1883636E-02
Y_FP(1, 2, 2)	1.000000	0.2637091E-02
Y_FP(1, 2, 3)	1.000000	0.3421940E-02
Y_FP(1, 2, 4)	1.000000	0.4787576E-02
Y_FP(2, 1, 1)	0.000000	0.1887423E-02
Y_FP(2, 1, 2)	1.000000	0.4285273E-02
Y_FP(2, 1, 3)	1.000000	0.4285273E-02
Y_FP(2, 1, 4)	1.000000	0.4285273E-02
Y_FP(2, 2, 1)	1.000000	0.1185264E-01
Y_FP(2, 2, 2)	1.000000	0.000000
Y_FP(2, 2, 3)	1.000000	0.000000
Y_FP(2, 2, 4)	1.000000	0.000000
Y_FP(3, 1, 1)	1.000000	0.2354546E-02
Y_FP(3, 1, 2)	1.000000	0.3531818E-02
Y_FP(3, 1, 3)	1.000000	0.3884372E-02
Y_FP(3, 1, 4)	1.000000	0.3892849E-02
Y_FP(3, 2, 1)	1.000000	0.1920059E-02
Y_FP(3, 2, 2)	1.000000	0.2511515E-02
Y_FP(3, 2, 3)	1.000000	0.2895198E-02
Y_FP(3, 2, 4)	1.000000	0.3174471E-02
Y_FP(4, 1, 1)	0.000000	0.3610303E-02
Y_FP(4, 1, 2)	0.000000	0.5054425E-02
Y_FP(4, 1, 3)	0.000000	0.5054425E-02
Y_FP(4, 1, 4)	1.000000	0.5054425E-02
Y_FP(4, 2, 1)	1.000000	0.2165805E-01
Y_FP(4, 2, 2)	1.000000	0.000000
Y_FP(4, 2, 3)	1.000000	0.000000
Y_FP(4, 2, 4)	1.000000	0.000000
X_QP(1, 1, 1)	1300.000	0.000000
X_QP(1, 1, 2)	2100.000	0.000000
X_QP(1, 1, 3)	1400.000	0.000000
X_QP(1, 1, 4)	2995.182	0.000000
X_QP(1, 2, 1)	1521.500	0.000000
X_QP(1, 2, 2)	1573.500	0.000000
X_QP(1, 2, 3)	715.0000	0.000000
X_QP(1, 2, 4)	790.0000	0.000000
X_QP(2, 1, 1)	0.000000	0.000000
X_QP(2, 1, 2)	789.0000	0.000000

X_QP(2, 1, 3)	0.000000	0.000000
X_QP(2, 1, 4)	0.000000	0.3571061E-06
X_QP(2, 2, 1)	3300.000	0.000000
X_QP(2, 2, 2)	2400.000	0.000000
X_QP(2, 2, 3)	3100.000	0.000000
X_QP(2, 2, 4)	2400.000	0.000000
X_QP(3, 1, 1)	840.0000	0.000000
X_QP(3, 1, 2)	750.0000	0.000000
X_QP(3, 1, 3)	1800.000	0.000000
X_QP(3, 1, 4)	624.2505	0.000000
X_QP(3, 2, 1)	2200.000	0.000000
X_QP(3, 2, 2)	2111.749	0.000000
X_QP(3, 2, 3)	2000.000	0.000000
X_QP(3, 2, 4)	2100.000	0.000000
X_QP(4, 1, 1)	0.000000	0.1618195E-06
X_QP(4, 1, 2)	0.000000	-0.8562697E-07
X_QP(4, 1, 3)	0.000000	0.000000
X_QP(4, 1, 4)	1029.000	0.000000
X_QP(4, 2, 1)	3200.000	0.000000
X_QP(4, 2, 2)	2700.000	0.000000
X_QP(4, 2, 3)	2500.000	0.000000
X_QP(4, 2, 4)	1800.000	0.000000
INV_PP(1, 1, 1)	0.000000	0.1598669E-05
INV_PP(1, 1, 2)	0.000000	0.1098788E-06
INV_PP(1, 1, 3)	0.000000	0.2325663E-06
INV_PP(1, 1, 4)	795.1823	0.000000
INV_PP(1, 2, 1)	0.000000	0.1218838E-05
INV_PP(1, 2, 2)	0.000000	0.5705136E-06
INV_PP(1, 2, 3)	0.000000	0.1098788E-06
INV_PP(1, 2, 4)	409.0000	0.000000
INV_PP(2, 1, 1)	0.000000	0.1255758E-06
INV_PP(2, 1, 2)	0.000000	0.8005455E-07
INV_PP(2, 1, 3)	0.000000	0.000000
INV_PP(2, 1, 4)	0.000000	0.6135622E-05
INV_PP(2, 2, 1)	0.000000	0.1098788E-06
INV_PP(2, 2, 2)	0.000000	0.1098788E-06
INV_PP(2, 2, 3)	0.000000	0.9418182E-07
INV_PP(2, 2, 4)	0.000000	0.5727658E-05
INV_PP(3, 1, 1)	0.000000	0.1493772E-05
INV_PP(3, 1, 2)	0.000000	0.1098788E-06
INV_PP(3, 1, 3)	0.000000	0.1098788E-06
INV_PP(3, 1, 4)	0.000000	0.5610896E-05
INV_PP(3, 2, 1)	0.000000	0.1509469E-05
INV_PP(3, 2, 2)	0.000000	0.1255758E-06
INV_PP(3, 2, 3)	0.000000	0.1255758E-06
INV_PP(3, 2, 4)	0.000000	0.5336513E-05
INV_PP(4, 1, 1)	0.000000	-0.1235032E-06
INV_PP(4, 1, 2)	0.000000	0.2513085E-06
INV_PP(4, 1, 3)	0.000000	0.1725097E-06
INV_PP(4, 1, 4)	0.000000	0.4531396E-06
INV_PP(4, 2, 1)	0.000000	0.1098788E-06
INV_PP(4, 2, 2)	0.000000	0.1098788E-06
INV_PP(4, 2, 3)	0.000000	0.1098788E-06
INV_PP(4, 2, 4)	0.000000	0.3664923E-06
C_TPD(1, 1, 1)	6.484800	0.000000
C_TPD(1, 1, 2)	28.25760	0.000000
C_TPD(1, 2, 1)	8.332800	0.000000
C_TPD(1, 2, 2)	15.75840	0.000000
C_TPD(2, 1, 1)	4.593400	0.000000
C_TPD(2, 1, 2)	20.01580	0.000000
C_TPD(2, 2, 1)	5.902400	0.000000
C_TPD(2, 2, 2)	11.16220	0.000000
C_TPD(3, 1, 1)	6.484800	0.000000
C_TPD(3, 1, 2)	28.25760	0.000000
C_TPD(3, 2, 1)	8.332800	0.000000
C_TPD(3, 2, 2)	15.75840	0.000000

C_TPD(4, 1, 1)	1.235200	0.000000
C_TPD(4, 1, 2)	5.382400	0.000000
C_TPD(4, 2, 1)	1.587200	0.000000
C_TPD(4, 2, 2)	3.001600	0.000000
X_FPD(1, 1, 1, 1)	1300.000	0.000000
X_FPD(1, 1, 1, 2)	2100.000	0.000000
X_FPD(1, 1, 1, 3)	1400.000	0.000000
X_FPD(1, 1, 1, 4)	2200.000	0.000000
X_FPD(1, 1, 2, 1)	0.000000	0.2050970E-05
X_FPD(1, 1, 2, 2)	0.000000	0.1639745E-05
X_FPD(1, 1, 2, 3)	0.000000	0.2100380E-05
X_FPD(1, 1, 2, 4)	0.000000	0.1961996E-05
X_FPD(1, 2, 1, 1)	0.000000	0.2011058E-06
X_FPD(1, 2, 1, 2)	0.000000	0.6123303E-06
X_FPD(1, 2, 1, 3)	0.000000	0.1516955E-06
X_FPD(1, 2, 1, 4)	0.000000	0.2900800E-06
X_FPD(1, 2, 2, 1)	1521.500	0.000000
X_FPD(1, 2, 2, 2)	1573.500	0.000000
X_FPD(1, 2, 2, 3)	715.0000	0.000000
X_FPD(1, 2, 2, 4)	381.0000	0.000000
X_FPD(2, 1, 1, 1)	0.000000	0.000000
X_FPD(2, 1, 1, 2)	789.0000	0.000000
X_FPD(2, 1, 1, 3)	0.000000	0.4552121E-07
X_FPD(2, 1, 1, 4)	0.000000	0.1554000E-06
X_FPD(2, 1, 2, 1)	0.000000	0.1595220E-05
X_FPD(2, 1, 2, 2)	0.000000	0.1595220E-05
X_FPD(2, 1, 2, 3)	0.000000	0.1640742E-05
X_FPD(2, 1, 2, 4)	0.000000	0.1766317E-05
X_FPD(2, 2, 1, 1)	1700.000	0.000000
X_FPD(2, 2, 1, 2)	1611.000	0.000000
X_FPD(2, 2, 1, 3)	2636.500	0.000000
X_FPD(2, 2, 1, 4)	2400.000	0.000000
X_FPD(2, 2, 2, 1)	1600.000	0.000000
X_FPD(2, 2, 2, 2)	789.0000	0.000000
X_FPD(2, 2, 2, 3)	463.5000	0.000000
X_FPD(2, 2, 2, 4)	0.000000	0.1569697E-07
X_FPD(3, 1, 1, 1)	840.0000	0.000000
X_FPD(3, 1, 1, 2)	750.0000	0.000000
X_FPD(3, 1, 1, 3)	1800.000	0.000000
X_FPD(3, 1, 1, 4)	624.2505	0.000000
X_FPD(3, 1, 2, 1)	0.000000	0.2252076E-05
X_FPD(3, 1, 2, 2)	0.000000	0.2252076E-05
X_FPD(3, 1, 2, 3)	0.000000	0.2252076E-05
X_FPD(3, 1, 2, 4)	0.000000	0.2252076E-05
X_FPD(3, 2, 1, 1)	1896.000	0.000000
X_FPD(3, 2, 1, 2)	1761.749	0.000000
X_FPD(3, 2, 1, 3)	1403.500	0.000000
X_FPD(3, 2, 1, 4)	760.5000	0.000000
X_FPD(3, 2, 2, 1)	304.0000	0.000000
X_FPD(3, 2, 2, 2)	350.0000	0.000000
X_FPD(3, 2, 2, 3)	596.5000	0.000000
X_FPD(3, 2, 2, 4)	1339.500	0.000000
X_FPD(4, 1, 1, 1)	0.000000	-0.1235032E-06
X_FPD(4, 1, 1, 2)	0.000000	0.1412727E-06
X_FPD(4, 1, 1, 3)	0.000000	0.3123697E-07
X_FPD(4, 1, 1, 4)	1029.000	0.000000
X_FPD(4, 1, 2, 1)	0.000000	0.3054636E-06
X_FPD(4, 1, 2, 2)	0.000000	0.5702395E-06
X_FPD(4, 1, 2, 3)	0.000000	0.4602038E-06
X_FPD(4, 1, 2, 4)	0.000000	0.4289668E-06
X_FPD(4, 2, 1, 1)	1000.000	0.000000
X_FPD(4, 2, 1, 2)	900.0000	0.000000
X_FPD(4, 2, 1, 3)	900.0000	0.000000
X_FPD(4, 2, 1, 4)	271.0000	0.000000
X_FPD(4, 2, 2, 1)	2200.000	0.000000
X_FPD(4, 2, 2, 2)	1800.000	0.000000

X_FPD(4, 2, 2, 3)	1600.000	0.000000
X_FPD(4, 2, 2, 4)	1529.000	0.000000
C_ID(1, 1, 1)	1.000000	0.000000
C_ID(1, 1, 2)	1.200000	0.000000
C_ID(1, 1, 3)	1.200000	0.000000
C_ID(1, 1, 4)	1.400000	0.000000
C_ID(1, 2, 1)	1.200000	0.000000
C_ID(1, 2, 2)	1.200000	0.000000
C_ID(1, 2, 3)	1.300000	0.000000
C_ID(1, 2, 4)	1.400000	0.000000
C_ID(2, 1, 1)	0.9000000	0.000000
C_ID(2, 1, 2)	1.000000	0.000000
C_ID(2, 1, 3)	1.100000	0.000000
C_ID(2, 1, 4)	1.300000	0.000000
C_ID(2, 2, 1)	0.8000000	0.000000
C_ID(2, 2, 2)	0.9000000	0.000000
C_ID(2, 2, 3)	1.000000	0.000000
C_ID(2, 2, 4)	1.000000	0.000000
C_ID(3, 1, 1)	1.200000	0.000000
C_ID(3, 1, 2)	1.200000	0.000000
C_ID(3, 1, 3)	1.300000	0.000000
C_ID(3, 1, 4)	1.300000	0.000000
C_ID(3, 2, 1)	1.300000	0.000000
C_ID(3, 2, 2)	1.300000	0.000000
C_ID(3, 2, 3)	1.400000	0.000000
C_ID(3, 2, 4)	1.400000	0.000000
C_ID(4, 1, 1)	0.5000000	0.000000
C_ID(4, 1, 2)	0.5000000	0.000000
C_ID(4, 1, 3)	0.5000000	0.000000
C_ID(4, 1, 4)	0.5000000	0.000000
C_ID(4, 2, 1)	0.3000000	0.000000
C_ID(4, 2, 2)	0.3000000	0.000000
C_ID(4, 2, 3)	0.3000000	0.000000
C_ID(4, 2, 4)	0.3000000	0.000000
C_DC(1, 1, 1)	2.700000	0.000000
C_DC(1, 1, 2)	3.000000	0.000000
C_DC(1, 1, 3)	3.000000	0.000000
C_DC(1, 1, 4)	3.400000	0.000000
C_DC(1, 2, 1)	3.000000	0.000000
C_DC(1, 2, 2)	3.000000	0.000000
C_DC(1, 2, 3)	3.200000	0.000000
C_DC(1, 2, 4)	3.400000	0.000000
C_DC(2, 1, 1)	2.600000	0.000000
C_DC(2, 1, 2)	2.700000	0.000000
C_DC(2, 1, 3)	2.900000	0.000000
C_DC(2, 1, 4)	3.200000	0.000000
C_DC(2, 2, 1)	2.400000	0.000000
C_DC(2, 2, 2)	2.600000	0.000000
C_DC(2, 2, 3)	2.700000	0.000000
C_DC(2, 2, 4)	2.700000	0.000000
C_DC(3, 1, 1)	3.000000	0.000000
C_DC(3, 1, 2)	3.000000	0.000000
C_DC(3, 1, 3)	3.200000	0.000000
C_DC(3, 1, 4)	3.200000	0.000000
C_DC(3, 2, 1)	3.200000	0.000000
C_DC(3, 2, 2)	3.200000	0.000000
C_DC(3, 2, 3)	3.400000	0.000000
C_DC(3, 2, 4)	3.400000	0.000000
C_DC(4, 1, 1)	1.900000	0.000000
C_DC(4, 1, 2)	1.900000	0.000000
C_DC(4, 1, 3)	1.900000	0.000000
C_DC(4, 1, 4)	1.900000	0.000000
C_DC(4, 2, 1)	1.600000	0.000000
C_DC(4, 2, 2)	1.600000	0.000000
C_DC(4, 2, 3)	1.600000	0.000000
C_DC(4, 2, 4)	1.600000	0.000000

CP_DC (1, 1, 1)	1300.000	0.000000
CP_DC (1, 1, 2)	1400.000	0.000000
CP_DC (1, 1, 3)	2100.000	0.000000
CP_DC (1, 1, 4)	2200.000	0.000000
CP_DC (1, 2, 1)	2200.000	0.000000
CP_DC (1, 2, 2)	2300.000	0.000000
CP_DC (1, 2, 3)	1800.000	0.000000
CP_DC (1, 2, 4)	1300.000	0.000000
CP_DC (2, 1, 1)	1700.000	0.000000
CP_DC (2, 1, 2)	2400.000	0.000000
CP_DC (2, 1, 3)	2500.000	0.000000
CP_DC (2, 1, 4)	3000.000	0.000000
CP_DC (2, 2, 1)	1500.000	0.000000
CP_DC (2, 2, 2)	1700.000	0.000000
CP_DC (2, 2, 3)	1900.000	0.000000
CP_DC (2, 2, 4)	2200.000	0.000000
CP_DC (3, 1, 1)	3100.000	0.000000
CP_DC (3, 1, 2)	2500.000	0.000000
CP_DC (3, 1, 3)	2700.000	0.000000
CP_DC (3, 1, 4)	1900.000	0.000000
CP_DC (3, 2, 1)	1800.000	0.000000
CP_DC (3, 2, 2)	2900.000	0.000000
CP_DC (3, 2, 3)	3200.000	0.000000
CP_DC (3, 2, 4)	2500.000	0.000000
CP_DC (4, 1, 1)	1000.000	0.000000
CP_DC (4, 1, 2)	900.0000	0.000000
CP_DC (4, 1, 3)	900.0000	0.000000
CP_DC (4, 1, 4)	1300.000	0.000000
CP_DC (4, 2, 1)	2300.000	0.000000
CP_DC (4, 2, 2)	3200.000	0.000000
CP_DC (4, 2, 3)	3000.000	0.000000
CP_DC (4, 2, 4)	2000.000	0.000000
INV_DMAX (1, 1, 1)	1600.000	0.000000
INV_DMAX (1, 1, 2)	1600.000	0.000000
INV_DMAX (1, 1, 3)	1600.000	0.000000
INV_DMAX (1, 1, 4)	1600.000	0.000000
INV_DMAX (1, 2, 1)	1800.000	0.000000
INV_DMAX (1, 2, 2)	1800.000	0.000000
INV_DMAX (1, 2, 3)	1800.000	0.000000
INV_DMAX (1, 2, 4)	1800.000	0.000000
INV_DMAX (2, 1, 1)	2600.000	0.000000
INV_DMAX (2, 1, 2)	2600.000	0.000000
INV_DMAX (2, 1, 3)	2600.000	0.000000
INV_DMAX (2, 1, 4)	2600.000	0.000000
INV_DMAX (2, 2, 1)	2400.000	0.000000
INV_DMAX (2, 2, 2)	2400.000	0.000000
INV_DMAX (2, 2, 3)	2400.000	0.000000
INV_DMAX (2, 2, 4)	2400.000	0.000000
INV_DMAX (3, 1, 1)	1300.000	0.000000
INV_DMAX (3, 1, 2)	1300.000	0.000000
INV_DMAX (3, 1, 3)	1300.000	0.000000
INV_DMAX (3, 1, 4)	1300.000	0.000000
INV_DMAX (3, 2, 1)	1700.000	0.000000
INV_DMAX (3, 2, 2)	1700.000	0.000000
INV_DMAX (3, 2, 3)	1700.000	0.000000
INV_DMAX (3, 2, 4)	1700.000	0.000000
INV_DMAX (4, 1, 1)	2000.000	0.000000
INV_DMAX (4, 1, 2)	2000.000	0.000000
INV_DMAX (4, 1, 3)	2000.000	0.000000
INV_DMAX (4, 1, 4)	2000.000	0.000000
INV_DMAX (4, 2, 1)	1700.000	0.000000
INV_DMAX (4, 2, 2)	1700.000	0.000000
INV_DMAX (4, 2, 3)	1700.000	0.000000
INV_DMAX (4, 2, 4)	1700.000	0.000000
INV_D (1, 1, 1)	0.000000	0.1488790E-05
INV_D (1, 1, 2)	700.0000	0.000000

INV_D(1, 1, 3)	0.000000	0.1226875E-06
INV_D(1, 1, 4)	0.000000	0.9080384E-06
INV_D(1, 2, 1)	0.000000	0.1108960E-05
INV_D(1, 2, 2)	0.000000	0.4606348E-06
INV_D(1, 2, 3)	269.0000	0.000000
INV_D(1, 2, 4)	0.000000	0.2363713E-05
INV_D(2, 1, 1)	0.000000	0.1569697E-07
INV_D(2, 1, 2)	0.000000	0.1569697E-07
INV_D(2, 1, 3)	136.5000	0.000000
INV_D(2, 1, 4)	0.000000	0.6591368E-05
INV_D(2, 2, 1)	412.0000	0.000000
INV_D(2, 2, 2)	352.0000	0.000000
INV_D(2, 2, 3)	313.5000	0.000000
INV_D(2, 2, 4)	0.000000	0.7354210E-05
INV_D(3, 1, 1)	0.000000	0.1383894E-05
INV_D(3, 1, 2)	11.74949	0.000000
INV_D(3, 1, 3)	515.2495	0.000000
INV_D(3, 1, 4)	0.000000	0.6518934E-05
INV_D(3, 2, 1)	0.000000	0.1399591E-05
INV_D(3, 2, 2)	0.000000	0.1569697E-07
INV_D(3, 2, 3)	0.000000	0.1569697E-07
INV_D(3, 2, 4)	0.000000	0.7700225E-05
INV_D(4, 1, 1)	0.000000	0.3139394E-07
INV_D(4, 1, 2)	0.000000	0.3139394E-07
INV_D(4, 1, 3)	0.000000	0.3139394E-07
INV_D(4, 1, 4)	0.000000	0.5371498E-06
INV_D(4, 2, 1)	407.0000	0.000000
INV_D(4, 2, 2)	304.5000	0.000000
INV_D(4, 2, 3)	116.0000	0.000000
INV_D(4, 2, 4)	0.000000	0.7277738E-06
C_TDC(1, 1, 1)	30.13920	0.000000
C_TDC(1, 1, 2)	14.81760	0.000000
C_TDC(1, 1, 3)	6.014400	0.000000
C_TDC(1, 1, 4)	13.91040	0.000000
C_TDC(1, 1, 5)	26.88000	0.000000
C_TDC(1, 1, 6)	25.03200	0.000000
C_TDC(1, 1, 7)	10.18080	0.000000
C_TDC(1, 1, 8)	17.13600	0.000000
C_TDC(1, 1, 9)	20.86560	0.000000
C_TDC(1, 1, 10)	28.72800	0.000000
C_TDC(1, 2, 1)	33.83520	0.000000
C_TDC(1, 2, 2)	19.92480	0.000000
C_TDC(1, 2, 3)	16.69920	0.000000
C_TDC(1, 2, 4)	11.12160	0.000000
C_TDC(1, 2, 5)	10.65120	0.000000
C_TDC(1, 2, 6)	19.45440	0.000000
C_TDC(1, 2, 7)	23.18400	0.000000
C_TDC(1, 2, 8)	38.94240	0.000000
C_TDC(1, 2, 9)	39.84960	0.000000
C_TDC(1, 2, 10)	40.32000	0.000000
C_TDC(2, 1, 1)	21.34860	0.000000
C_TDC(2, 1, 2)	10.49580	0.000000
C_TDC(2, 1, 3)	4.260200	0.000000
C_TDC(2, 1, 4)	9.853200	0.000000
C_TDC(2, 1, 5)	19.04000	0.000000
C_TDC(2, 1, 6)	17.73100	0.000000
C_TDC(2, 1, 7)	7.211400	0.000000
C_TDC(2, 1, 8)	12.13800	0.000000
C_TDC(2, 1, 9)	14.77980	0.000000
C_TDC(2, 1, 10)	20.34900	0.000000
C_TDC(2, 2, 1)	23.96660	0.000000
C_TDC(2, 2, 2)	14.11340	0.000000
C_TDC(2, 2, 3)	11.82860	0.000000
C_TDC(2, 2, 4)	7.877800	0.000000
C_TDC(2, 2, 5)	7.544600	0.000000
C_TDC(2, 2, 6)	13.78020	0.000000

C_TDC(2, 2, 7)	16.42200	0.000000
C_TDC(2, 2, 8)	27.58420	0.000000
C_TDC(2, 2, 9)	28.22680	0.000000
C_TDC(2, 2, 10)	28.56000	0.000000
C_TDC(3, 1, 1)	30.13920	0.000000
C_TDC(3, 1, 2)	14.81760	0.000000
C_TDC(3, 1, 3)	6.014400	0.000000
C_TDC(3, 1, 4)	13.91040	0.000000
C_TDC(3, 1, 5)	26.88000	0.000000
C_TDC(3, 1, 6)	25.03200	0.000000
C_TDC(3, 1, 7)	10.18080	0.000000
C_TDC(3, 1, 8)	17.13600	0.000000
C_TDC(3, 1, 9)	20.86560	0.000000
C_TDC(3, 1, 10)	28.72800	0.000000
C_TDC(3, 2, 1)	33.83520	0.000000
C_TDC(3, 2, 2)	19.92480	0.000000
C_TDC(3, 2, 3)	16.69920	0.000000
C_TDC(3, 2, 4)	11.12160	0.000000
C_TDC(3, 2, 5)	10.65120	0.000000
C_TDC(3, 2, 6)	19.45440	0.000000
C_TDC(3, 2, 7)	23.18400	0.000000
C_TDC(3, 2, 8)	38.94240	0.000000
C_TDC(3, 2, 9)	39.84960	0.000000
C_TDC(3, 2, 10)	40.32000	0.000000
C_TDC(4, 1, 1)	5.740800	0.000000
C_TDC(4, 1, 2)	2.822400	0.000000
C_TDC(4, 1, 3)	1.145600	0.000000
C_TDC(4, 1, 4)	2.649600	0.000000
C_TDC(4, 1, 5)	5.120000	0.000000
C_TDC(4, 1, 6)	4.768000	0.000000
C_TDC(4, 1, 7)	1.939200	0.000000
C_TDC(4, 1, 8)	3.264000	0.000000
C_TDC(4, 1, 9)	3.974400	0.000000
C_TDC(4, 1, 10)	5.472000	0.000000
C_TDC(4, 2, 1)	6.444800	0.000000
C_TDC(4, 2, 2)	3.795200	0.000000
C_TDC(4, 2, 3)	3.180800	0.000000
C_TDC(4, 2, 4)	2.118400	0.000000
C_TDC(4, 2, 5)	2.028800	0.000000
C_TDC(4, 2, 6)	3.705600	0.000000
C_TDC(4, 2, 7)	4.416000	0.000000
C_TDC(4, 2, 8)	7.417600	0.000000
C_TDC(4, 2, 9)	7.590400	0.000000
C_TDC(4, 2, 10)	7.680000	0.000000
X_FDC(1, 1, 1, 1)	0.000000	0.1097030E-05
X_FDC(1, 1, 1, 2)	0.000000	0.1097030E-05
X_FDC(1, 1, 1, 3)	285.0000	0.000000
X_FDC(1, 1, 1, 4)	285.0000	0.000000
X_FDC(1, 1, 2, 1)	0.000000	0.8755142E-06
X_FDC(1, 1, 2, 2)	0.000000	0.8755142E-06
X_FDC(1, 1, 2, 3)	209.0000	0.000000
X_FDC(1, 1, 2, 4)	275.5000	0.000000
X_FDC(1, 1, 3, 1)	74.50000	0.000000
X_FDC(1, 1, 3, 2)	203.0000	0.000000
X_FDC(1, 1, 3, 3)	209.0000	0.000000
X_FDC(1, 1, 3, 4)	275.5000	0.000000
X_FDC(1, 1, 4, 1)	0.000000	0.2114947E-05
X_FDC(1, 1, 4, 2)	0.000000	0.2114947E-05
X_FDC(1, 1, 4, 3)	389.5000	0.000000
X_FDC(1, 1, 4, 4)	24.50000	0.000000
X_FDC(1, 1, 5, 1)	0.000000	0.4224620E-05
X_FDC(1, 1, 5, 2)	0.000000	0.4224620E-05
X_FDC(1, 1, 5, 3)	0.000000	0.1671916E-05
X_FDC(1, 1, 5, 4)	0.000000	0.2109673E-05
X_FDC(1, 1, 6, 1)	0.000000	0.2552704E-05
X_FDC(1, 1, 6, 2)	0.000000	0.2552704E-05

X_FDC(1, 1, 6, 3)	209.5000	0.000000
X_FDC(1, 1, 6, 4)	0.000000	0.4377571E-06
X_FDC(1, 1, 7, 1)	323.0000	0.000000
X_FDC(1, 1, 7, 2)	399.0000	0.000000
X_FDC(1, 1, 7, 3)	190.0000	0.000000
X_FDC(1, 1, 7, 4)	380.0000	0.000000
X_FDC(1, 1, 8, 1)	323.0000	0.000000
X_FDC(1, 1, 8, 2)	351.5000	0.000000
X_FDC(1, 1, 8, 3)	171.0000	0.000000
X_FDC(1, 1, 8, 4)	342.0000	0.000000
X_FDC(1, 1, 9, 1)	237.5000	0.000000
X_FDC(1, 1, 9, 2)	171.0000	0.000000
X_FDC(1, 1, 9, 3)	256.5000	0.000000
X_FDC(1, 1, 9, 4)	247.0000	0.000000
X_FDC(1, 1, 10, 1)	342.0000	0.000000
X_FDC(1, 1, 10, 2)	275.5000	0.000000
X_FDC(1, 1, 10, 3)	180.5000	0.000000
X_FDC(1, 1, 10, 4)	370.5000	0.000000
X_FDC(1, 2, 1, 1)	171.0000	0.000000
X_FDC(1, 2, 1, 2)	408.5000	0.000000
X_FDC(1, 2, 1, 3)	0.000000	0.1455674E-05
X_FDC(1, 2, 1, 4)	0.000000	0.1017917E-05
X_FDC(1, 2, 2, 1)	399.0000	0.000000
X_FDC(1, 2, 2, 2)	351.5000	0.000000
X_FDC(1, 2, 2, 3)	0.000000	0.1677190E-05
X_FDC(1, 2, 2, 4)	0.000000	0.1239433E-05
X_FDC(1, 2, 3, 1)	87.00000	0.000000
X_FDC(1, 2, 3, 2)	167.5000	0.000000
X_FDC(1, 2, 3, 3)	0.000000	0.2552704E-05
X_FDC(1, 2, 3, 4)	0.000000	0.2114947E-05
X_FDC(1, 2, 4, 1)	304.0000	0.000000
X_FDC(1, 2, 4, 2)	180.5000	0.000000
X_FDC(1, 2, 4, 3)	0.000000	0.4377571E-06
X_FDC(1, 2, 4, 4)	222.5000	0.000000
X_FDC(1, 2, 5, 1)	370.5000	0.000000
X_FDC(1, 2, 5, 2)	171.0000	0.000000
X_FDC(1, 2, 5, 3)	247.0000	0.000000
X_FDC(1, 2, 5, 4)	171.0000	0.000000
X_FDC(1, 2, 6, 1)	190.0000	0.000000
X_FDC(1, 2, 6, 2)	294.5000	0.000000
X_FDC(1, 2, 6, 3)	199.0000	0.000000
X_FDC(1, 2, 6, 4)	256.5000	0.000000
X_FDC(1, 2, 7, 1)	0.000000	0.3639186E-06
X_FDC(1, 2, 7, 2)	0.000000	0.3639186E-06
X_FDC(1, 2, 7, 3)	0.000000	0.2916623E-05
X_FDC(1, 2, 7, 4)	0.000000	0.2478866E-05
X_FDC(1, 2, 8, 1)	0.000000	0.1745754E-05
X_FDC(1, 2, 8, 2)	0.000000	0.1745754E-05
X_FDC(1, 2, 8, 3)	0.000000	0.4298458E-05
X_FDC(1, 2, 8, 4)	0.000000	0.3860701E-05
X_FDC(1, 2, 9, 1)	0.000000	0.1302723E-05
X_FDC(1, 2, 9, 2)	0.000000	0.1302723E-05
X_FDC(1, 2, 9, 3)	0.000000	0.3855427E-05
X_FDC(1, 2, 9, 4)	0.000000	0.3417670E-05
X_FDC(1, 2, 10, 1)	0.000000	0.1424029E-06
X_FDC(1, 2, 10, 2)	0.000000	0.1424029E-06
X_FDC(1, 2, 10, 3)	0.000000	0.2695107E-05
X_FDC(1, 2, 10, 4)	0.000000	0.2257350E-05
X_FDC(2, 1, 1, 1)	0.000000	0.1569069E-06
X_FDC(2, 1, 1, 2)	180.5000	0.000000
X_FDC(2, 1, 1, 3)	228.0000	0.000000
X_FDC(2, 1, 1, 4)	218.5000	0.000000
X_FDC(2, 1, 2, 1)	180.0000	0.000000
X_FDC(2, 1, 2, 2)	418.0000	0.000000
X_FDC(2, 1, 2, 3)	209.0000	0.000000
X_FDC(2, 1, 2, 4)	323.0000	0.000000

X_FDC(2, 1, 3, 1)	370.5000	0.000000
X_FDC(2, 1, 3, 2)	266.0000	0.000000
X_FDC(2, 1, 3, 3)	408.5000	0.000000
X_FDC(2, 1, 3, 4)	389.5000	0.000000
X_FDC(2, 1, 4, 1)	0.000000	0.8779316E-06
X_FDC(2, 1, 4, 2)	291.0000	0.000000
X_FDC(2, 1, 4, 3)	361.0000	0.000000
X_FDC(2, 1, 4, 4)	370.5000	0.000000
X_FDC(2, 1, 5, 1)	0.000000	0.2372283E-05
X_FDC(2, 1, 5, 2)	0.000000	0.1494352E-05
X_FDC(2, 1, 5, 3)	0.000000	0.1184274E-05
X_FDC(2, 1, 5, 4)	0.000000	0.1072982E-05
X_FDC(2, 1, 6, 1)	0.000000	0.1188010E-05
X_FDC(2, 1, 6, 2)	0.000000	0.3100780E-06
X_FDC(2, 1, 6, 3)	115.5000	0.000000
X_FDC(2, 1, 6, 4)	218.5000	0.000000
X_FDC(2, 1, 7, 1)	228.0000	0.000000
X_FDC(2, 1, 7, 2)	285.0000	0.000000
X_FDC(2, 1, 7, 3)	285.0000	0.000000
X_FDC(2, 1, 7, 4)	171.0000	0.000000
X_FDC(2, 1, 8, 1)	256.5000	0.000000
X_FDC(2, 1, 8, 2)	418.0000	0.000000
X_FDC(2, 1, 8, 3)	218.5000	0.000000
X_FDC(2, 1, 8, 4)	399.0000	0.000000
X_FDC(2, 1, 9, 1)	342.0000	0.000000
X_FDC(2, 1, 9, 2)	237.5000	0.000000
X_FDC(2, 1, 9, 3)	361.0000	0.000000
X_FDC(2, 1, 9, 4)	266.0000	0.000000
X_FDC(2, 1, 10, 1)	323.0000	0.000000
X_FDC(2, 1, 10, 2)	304.0000	0.000000
X_FDC(2, 1, 10, 3)	313.5000	0.000000
X_FDC(2, 1, 10, 4)	180.5000	0.000000
X_FDC(2, 2, 1, 1)	180.5000	0.000000
X_FDC(2, 2, 1, 2)	0.000000	0.7210246E-06
X_FDC(2, 2, 1, 3)	0.000000	0.1031103E-05
X_FDC(2, 2, 1, 4)	0.000000	0.1142394E-05
X_FDC(2, 2, 2, 1)	105.0000	0.000000
X_FDC(2, 2, 2, 2)	0.000000	0.8779316E-06
X_FDC(2, 2, 2, 3)	0.000000	0.1188010E-05
X_FDC(2, 2, 2, 4)	0.000000	0.1299301E-05
X_FDC(2, 2, 3, 1)	0.000000	0.6201559E-06
X_FDC(2, 2, 3, 2)	0.000000	0.1498087E-05
X_FDC(2, 2, 3, 3)	0.000000	0.1808165E-05
X_FDC(2, 2, 3, 4)	0.000000	0.1919457E-05
X_FDC(2, 2, 4, 1)	351.5000	0.000000
X_FDC(2, 2, 4, 2)	22.500000	0.000000
X_FDC(2, 2, 4, 3)	0.000000	0.3100780E-06
X_FDC(2, 2, 4, 4)	0.000000	0.4213695E-06
X_FDC(2, 2, 5, 1)	294.5000	0.000000
X_FDC(2, 2, 5, 2)	408.5000	0.000000
X_FDC(2, 2, 5, 3)	313.5000	0.000000
X_FDC(2, 2, 5, 4)	313.5000	0.000000
X_FDC(2, 2, 6, 1)	256.5000	0.000000
X_FDC(2, 2, 6, 2)	418.0000	0.000000
X_FDC(2, 2, 6, 3)	188.5000	0.000000
X_FDC(2, 2, 6, 4)	0.000000	0.1112915E-06
X_FDC(2, 2, 7, 1)	0.000000	0.8779316E-06
X_FDC(2, 2, 7, 2)	0.000000	0.1755863E-05
X_FDC(2, 2, 7, 3)	0.000000	0.2065941E-05
X_FDC(2, 2, 7, 4)	0.000000	0.2177233E-05
X_FDC(2, 2, 8, 1)	0.000000	0.1856732E-05
X_FDC(2, 2, 8, 2)	0.000000	0.2734663E-05
X_FDC(2, 2, 8, 3)	0.000000	0.3044741E-05
X_FDC(2, 2, 8, 4)	0.000000	0.3156033E-05
X_FDC(2, 2, 9, 1)	0.000000	0.1542918E-05
X_FDC(2, 2, 9, 2)	0.000000	0.2420850E-05

X_FDC(2, 2, 9, 3)	0.000000	0.2730928E-05
X_FDC(2, 2, 9, 4)	0.000000	0.2842219E-05
X_FDC(2, 2, 10, 1)	0.000000	0.7210246E-06
X_FDC(2, 2, 10, 2)	0.000000	0.1598956E-05
X_FDC(2, 2, 10, 3)	0.000000	0.1909034E-05
X_FDC(2, 2, 10, 4)	0.000000	0.2020326E-05
X_FDC(3, 1, 1, 1)	361.0000	0.000000
X_FDC(3, 1, 1, 2)	266.0000	0.000000
X_FDC(3, 1, 1, 3)	332.5000	0.000000
X_FDC(3, 1, 1, 4)	38.00000	0.000000
X_FDC(3, 1, 2, 1)	228.0000	0.000000
X_FDC(3, 1, 2, 2)	361.0000	0.000000
X_FDC(3, 1, 2, 3)	389.5000	0.000000
X_FDC(3, 1, 2, 4)	199.5000	0.000000
X_FDC(3, 1, 3, 1)	256.5000	0.000000
X_FDC(3, 1, 3, 2)	285.0000	0.000000
X_FDC(3, 1, 3, 3)	380.0000	0.000000
X_FDC(3, 1, 3, 4)	209.0000	0.000000
X_FDC(3, 1, 4, 1)	380.0000	0.000000
X_FDC(3, 1, 4, 2)	209.0000	0.000000
X_FDC(3, 1, 4, 3)	353.5000	0.000000
X_FDC(3, 1, 4, 4)	0.000000	0.1017917E-05
X_FDC(3, 1, 5, 1)	0.000000	0.1350442E-05
X_FDC(3, 1, 5, 2)	0.000000	0.1671916E-05
X_FDC(3, 1, 5, 3)	0.000000	0.2109673E-05
X_FDC(3, 1, 5, 4)	0.000000	0.3127590E-05
X_FDC(3, 1, 6, 1)	389.5000	0.000000
X_FDC(3, 1, 6, 2)	362.5000	0.000000
X_FDC(3, 1, 6, 3)	0.000000	0.4377571E-06
X_FDC(3, 1, 6, 4)	0.000000	0.1455674E-05
X_FDC(3, 1, 7, 1)	285.0000	0.000000
X_FDC(3, 1, 7, 2)	266.0000	0.000000
X_FDC(3, 1, 7, 3)	399.0000	0.000000
X_FDC(3, 1, 7, 4)	408.5000	0.000000
X_FDC(3, 1, 8, 1)	332.5000	0.000000
X_FDC(3, 1, 8, 2)	294.5000	0.000000
X_FDC(3, 1, 8, 3)	190.0000	0.000000
X_FDC(3, 1, 8, 4)	389.5000	0.000000
X_FDC(3, 1, 9, 1)	256.5000	0.000000
X_FDC(3, 1, 9, 2)	294.5000	0.000000
X_FDC(3, 1, 9, 3)	275.5000	0.000000
X_FDC(3, 1, 9, 4)	370.5000	0.000000
X_FDC(3, 1, 10, 1)	247.0000	0.000000
X_FDC(3, 1, 10, 2)	161.5000	0.000000
X_FDC(3, 1, 10, 3)	380.0000	0.000000
X_FDC(3, 1, 10, 4)	285.0000	0.000000
X_FDC(3, 2, 1, 1)	0.000000	0.1777148E-05
X_FDC(3, 2, 1, 2)	0.000000	0.1455674E-05
X_FDC(3, 2, 1, 3)	0.000000	0.1017917E-05
X_FDC(3, 2, 1, 4)	256.5000	0.000000
X_FDC(3, 2, 2, 1)	0.000000	0.1998664E-05
X_FDC(3, 2, 2, 2)	0.000000	0.1677190E-05
X_FDC(3, 2, 2, 3)	0.000000	0.1239433E-05
X_FDC(3, 2, 2, 4)	0.000000	0.2215156E-06
X_FDC(3, 2, 3, 1)	0.000000	0.2874178E-05
X_FDC(3, 2, 3, 2)	0.000000	0.2552704E-05
X_FDC(3, 2, 3, 3)	0.000000	0.2114947E-05
X_FDC(3, 2, 3, 4)	0.000000	0.1097030E-05
X_FDC(3, 2, 4, 1)	0.000000	0.7592311E-06
X_FDC(3, 2, 4, 2)	0.000000	0.4377571E-06
X_FDC(3, 2, 4, 3)	17.00000	0.000000
X_FDC(3, 2, 4, 4)	408.5000	0.000000
X_FDC(3, 2, 5, 1)	304.0000	0.000000
X_FDC(3, 2, 5, 2)	304.0000	0.000000
X_FDC(3, 2, 5, 3)	342.0000	0.000000
X_FDC(3, 2, 5, 4)	266.0000	0.000000

X_FDC(3, 2, 6, 1)	0.000000	0.3214740E-06
X_FDC(3, 2, 6, 2)	46.00000	0.000000
X_FDC(3, 2, 6, 3)	237.5000	0.000000
X_FDC(3, 2, 6, 4)	408.5000	0.000000
X_FDC(3, 2, 7, 1)	0.000000	0.3238097E-05
X_FDC(3, 2, 7, 2)	0.000000	0.2916623E-05
X_FDC(3, 2, 7, 3)	0.000000	0.2478866E-05
X_FDC(3, 2, 7, 4)	0.000000	0.1460948E-05
X_FDC(3, 2, 8, 1)	0.000000	0.4619932E-05
X_FDC(3, 2, 8, 2)	0.000000	0.4298458E-05
X_FDC(3, 2, 8, 3)	0.000000	0.3860701E-05
X_FDC(3, 2, 8, 4)	0.000000	0.2842784E-05
X_FDC(3, 2, 9, 1)	0.000000	0.4176901E-05
X_FDC(3, 2, 9, 2)	0.000000	0.3855427E-05
X_FDC(3, 2, 9, 3)	0.000000	0.3417670E-05
X_FDC(3, 2, 9, 4)	0.000000	0.2399753E-05
X_FDC(3, 2, 10, 1)	0.000000	0.3016581E-05
X_FDC(3, 2, 10, 2)	0.000000	0.2695107E-05
X_FDC(3, 2, 10, 3)	0.000000	0.2257350E-05
X_FDC(3, 2, 10, 4)	0.000000	0.1239433E-05
X_FDC(4, 1, 1, 1)	0.000000	0.2360824E-06
X_FDC(4, 1, 1, 2)	0.000000	0.2360824E-06
X_FDC(4, 1, 1, 3)	0.000000	0.2360824E-06
X_FDC(4, 1, 1, 4)	0.000000	0.2089581E-06
X_FDC(4, 1, 2, 1)	0.000000	0.1938890E-06
X_FDC(4, 1, 2, 2)	0.000000	0.1938890E-06
X_FDC(4, 1, 2, 3)	0.000000	0.1938890E-06
X_FDC(4, 1, 2, 4)	0.000000	0.1667646E-06
X_FDC(4, 1, 3, 1)	0.000000	0.2712437E-07
X_FDC(4, 1, 3, 2)	0.000000	0.2712437E-07
X_FDC(4, 1, 3, 3)	0.000000	0.2712437E-07
X_FDC(4, 1, 3, 4)	46.00000	0.000000
X_FDC(4, 1, 4, 1)	0.000000	0.4299714E-06
X_FDC(4, 1, 4, 2)	0.000000	0.4299714E-06
X_FDC(4, 1, 4, 3)	0.000000	0.4299714E-06
X_FDC(4, 1, 4, 4)	0.000000	0.4028471E-06
X_FDC(4, 1, 5, 1)	0.000000	0.8318139E-06
X_FDC(4, 1, 5, 2)	0.000000	0.8318139E-06
X_FDC(4, 1, 5, 3)	0.000000	0.8318139E-06
X_FDC(4, 1, 5, 4)	0.000000	0.8046895E-06
X_FDC(4, 1, 6, 1)	0.000000	0.5133537E-06
X_FDC(4, 1, 6, 2)	0.000000	0.5133537E-06
X_FDC(4, 1, 6, 3)	0.000000	0.5133537E-06
X_FDC(4, 1, 6, 4)	0.000000	0.4862294E-06
X_FDC(4, 1, 7, 1)	285.0000	0.000000
X_FDC(4, 1, 7, 2)	304.0000	0.000000
X_FDC(4, 1, 7, 3)	161.5000	0.000000
X_FDC(4, 1, 7, 4)	199.5000	0.000000
X_FDC(4, 1, 8, 1)	256.5000	0.000000
X_FDC(4, 1, 8, 2)	190.0000	0.000000
X_FDC(4, 1, 8, 3)	351.5000	0.000000
X_FDC(4, 1, 8, 4)	351.5000	0.000000
X_FDC(4, 1, 9, 1)	389.5000	0.000000
X_FDC(4, 1, 9, 2)	304.0000	0.000000
X_FDC(4, 1, 9, 3)	171.0000	0.000000
X_FDC(4, 1, 9, 4)	351.5000	0.000000
X_FDC(4, 1, 10, 1)	69.00000	0.000000
X_FDC(4, 1, 10, 2)	102.0000	0.000000
X_FDC(4, 1, 10, 3)	216.0000	0.000000
X_FDC(4, 1, 10, 4)	351.5000	0.000000
X_FDC(4, 2, 1, 1)	285.0000	0.000000
X_FDC(4, 2, 1, 2)	228.0000	0.000000
X_FDC(4, 2, 1, 3)	237.5000	0.000000
X_FDC(4, 2, 1, 4)	247.0000	0.000000
X_FDC(4, 2, 2, 1)	266.0000	0.000000
X_FDC(4, 2, 2, 2)	418.0000	0.000000

X_FDC(4, 2, 2, 3)	266.0000	0.000000
X_FDC(4, 2, 2, 4)	313.5000	0.000000
X_FDC(4, 2, 3, 1)	247.0000	0.000000
X_FDC(4, 2, 3, 2)	256.5000	0.000000
X_FDC(4, 2, 3, 3)	256.5000	0.000000
X_FDC(4, 2, 3, 4)	277.0000	0.000000
X_FDC(4, 2, 4, 1)	209.0000	0.000000
X_FDC(4, 2, 4, 2)	351.5000	0.000000
X_FDC(4, 2, 4, 3)	275.5000	0.000000
X_FDC(4, 2, 4, 4)	218.5000	0.000000
X_FDC(4, 2, 5, 1)	275.5000	0.000000
X_FDC(4, 2, 5, 2)	285.0000	0.000000
X_FDC(4, 2, 5, 3)	351.5000	0.000000
X_FDC(4, 2, 5, 4)	304.0000	0.000000
X_FDC(4, 2, 6, 1)	323.0000	0.000000
X_FDC(4, 2, 6, 2)	266.0000	0.000000
X_FDC(4, 2, 6, 3)	209.0000	0.000000
X_FDC(4, 2, 6, 4)	285.0000	0.000000
X_FDC(4, 2, 7, 1)	0.000000	0.4219346E-07
X_FDC(4, 2, 7, 2)	0.000000	0.4219346E-07
X_FDC(4, 2, 7, 3)	0.000000	0.4219346E-07
X_FDC(4, 2, 7, 4)	0.000000	0.6931782E-07
X_FDC(4, 2, 8, 1)	0.000000	0.3054003E-06
X_FDC(4, 2, 8, 2)	0.000000	0.3054003E-06
X_FDC(4, 2, 8, 3)	0.000000	0.3054003E-06
X_FDC(4, 2, 8, 4)	0.000000	0.3325246E-06
X_FDC(4, 2, 9, 1)	0.000000	0.2210133E-06
X_FDC(4, 2, 9, 2)	0.000000	0.2210133E-06
X_FDC(4, 2, 9, 3)	0.000000	0.2210133E-06
X_FDC(4, 2, 9, 4)	0.000000	0.2481377E-06
X_FDC(4, 2, 10, 1)	187.5000	0.000000
X_FDC(4, 2, 10, 2)	97.50000	0.000000
X_FDC(4, 2, 10, 3)	192.5000	0.000000
X_FDC(4, 2, 10, 4)	0.000000	0.2712437E-07
C_IS(1, 1, 1)	1.700000	0.000000
C_IS(1, 1, 2)	1.700000	0.000000
C_IS(1, 1, 3)	2.000000	0.000000
C_IS(1, 1, 4)	2.400000	0.000000
C_IS(1, 2, 1)	1.800000	0.000000
C_IS(1, 2, 2)	1.800000	0.000000
C_IS(1, 2, 3)	2.100000	0.000000
C_IS(1, 2, 4)	2.200000	0.000000
C_IS(2, 1, 1)	2.500000	0.000000
C_IS(2, 1, 2)	2.800000	0.000000
C_IS(2, 1, 3)	3.100000	0.000000
C_IS(2, 1, 4)	3.600000	0.000000
C_IS(2, 2, 1)	2.200000	0.000000
C_IS(2, 2, 2)	2.600000	0.000000
C_IS(2, 2, 3)	2.900000	0.000000
C_IS(2, 2, 4)	3.400000	0.000000
C_IS(3, 1, 1)	1.900000	0.000000
C_IS(3, 1, 2)	2.000000	0.000000
C_IS(3, 1, 3)	2.300000	0.000000
C_IS(3, 1, 4)	2.700000	0.000000
C_IS(3, 2, 1)	1.200000	0.000000
C_IS(3, 2, 2)	1.400000	0.000000
C_IS(3, 2, 3)	1.600000	0.000000
C_IS(3, 2, 4)	1.900000	0.000000
C_IS(4, 1, 1)	0.6000000	0.000000
C_IS(4, 1, 2)	0.6000000	0.000000
C_IS(4, 1, 3)	0.7000000	0.000000
C_IS(4, 1, 4)	0.7000000	0.000000
C_IS(4, 2, 1)	0.7000000	0.000000
C_IS(4, 2, 2)	0.8000000	0.000000
C_IS(4, 2, 3)	0.8000000	0.000000
C_IS(4, 2, 4)	0.9000000	0.000000

C_IPC(1, 1, 1)	1.200000	0.000000
C_IPC(1, 1, 2)	1.400000	0.000000
C_IPC(1, 1, 3)	1.400000	0.000000
C_IPC(1, 1, 4)	1.500000	0.000000
C_IPC(1, 2, 1)	1.100000	0.000000
C_IPC(1, 2, 2)	1.200000	0.000000
C_IPC(1, 2, 3)	1.200000	0.000000
C_IPC(1, 2, 4)	1.200000	0.000000
C_IPC(2, 1, 1)	1.700000	0.000000
C_IPC(2, 1, 2)	1.800000	0.000000
C_IPC(2, 1, 3)	1.900000	0.000000
C_IPC(2, 1, 4)	1.900000	0.000000
C_IPC(2, 2, 1)	0.900000	0.000000
C_IPC(2, 2, 2)	1.100000	0.000000
C_IPC(2, 2, 3)	1.100000	0.000000
C_IPC(2, 2, 4)	1.200000	0.000000
C_IPC(3, 1, 1)	1.700000	0.000000
C_IPC(3, 1, 2)	1.700000	0.000000
C_IPC(3, 1, 3)	1.700000	0.000000
C_IPC(3, 1, 4)	2.000000	0.000000
C_IPC(3, 2, 1)	1.300000	0.000000
C_IPC(3, 2, 2)	1.600000	0.000000
C_IPC(3, 2, 3)	1.800000	0.000000
C_IPC(3, 2, 4)	2.100000	0.000000
C_IPC(4, 1, 1)	1.700000	0.000000
C_IPC(4, 1, 2)	1.900000	0.000000
C_IPC(4, 1, 3)	2.000000	0.000000
C_IPC(4, 1, 4)	2.100000	0.000000
C_IPC(4, 2, 1)	1.100000	0.000000
C_IPC(4, 2, 2)	1.300000	0.000000
C_IPC(4, 2, 3)	1.500000	0.000000
C_IPC(4, 2, 4)	1.500000	0.000000
INV_PCMAX(1, 1, 1)	60.00000	0.000000
INV_PCMAX(1, 1, 2)	60.00000	0.000000
INV_PCMAX(1, 1, 3)	60.00000	0.000000
INV_PCMAX(1, 1, 4)	60.00000	0.000000
INV_PCMAX(1, 2, 1)	80.00000	0.000000
INV_PCMAX(1, 2, 2)	80.00000	0.000000
INV_PCMAX(1, 2, 3)	80.00000	0.000000
INV_PCMAX(1, 2, 4)	80.00000	0.000000
INV_PCMAX(2, 1, 1)	60.00000	0.000000
INV_PCMAX(2, 1, 2)	60.00000	0.000000
INV_PCMAX(2, 1, 3)	60.00000	0.000000
INV_PCMAX(2, 1, 4)	60.00000	0.000000
INV_PCMAX(2, 2, 1)	70.00000	0.000000
INV_PCMAX(2, 2, 2)	70.00000	0.000000
INV_PCMAX(2, 2, 3)	70.00000	0.000000
INV_PCMAX(2, 2, 4)	70.00000	0.000000
INV_PCMAX(3, 1, 1)	50.00000	0.000000
INV_PCMAX(3, 1, 2)	50.00000	0.000000
INV_PCMAX(3, 1, 3)	50.00000	0.000000
INV_PCMAX(3, 1, 4)	50.00000	0.000000
INV_PCMAX(3, 2, 1)	70.00000	0.000000
INV_PCMAX(3, 2, 2)	70.00000	0.000000
INV_PCMAX(3, 2, 3)	70.00000	0.000000
INV_PCMAX(3, 2, 4)	70.00000	0.000000
INV_PCMAX(4, 1, 1)	80.00000	0.000000
INV_PCMAX(4, 1, 2)	80.00000	0.000000
INV_PCMAX(4, 1, 3)	80.00000	0.000000
INV_PCMAX(4, 1, 4)	80.00000	0.000000
INV_PCMAX(4, 2, 1)	70.00000	0.000000
INV_PCMAX(4, 2, 2)	70.00000	0.000000
INV_PCMAX(4, 2, 3)	70.00000	0.000000
INV_PCMAX(4, 2, 4)	70.00000	0.000000
X_FCC(1, 1, 1)	0.000000	0.000000
X_FCC(1, 1, 2)	282.1500	0.000000

X_FCC(1, 1, 3)	535.6369	0.000000
X_FCC(1, 1, 4)	519.9298	0.000000
X_FCC(1, 2, 1)	0.000000	0.000000
X_FCC(1, 2, 2)	0.000000	0.000000
X_FCC(1, 2, 3)	43.86314	0.000000
X_FCC(1, 2, 4)	36.13686	0.000000
X_FCC(2, 1, 1)	0.000000	0.000000
X_FCC(2, 1, 2)	288.8000	0.000000
X_FCC(2, 1, 3)	217.6594	0.000000
X_FCC(2, 1, 4)	304.6333	0.000000
X_FCC(2, 2, 1)	0.000000	0.000000
X_FCC(2, 2, 2)	0.000000	0.000000
X_FCC(2, 2, 3)	396.0406	0.000000
X_FCC(2, 2, 4)	0.000000	0.000000
X_FCC(3, 1, 1)	0.000000	0.000000
X_FCC(3, 1, 2)	608.0000	0.000000
X_FCC(3, 1, 3)	512.5481	0.000000
X_FCC(3, 1, 4)	808.5430	0.000000
X_FCC(3, 2, 1)	0.000000	0.000000
X_FCC(3, 2, 2)	0.000000	0.000000
X_FCC(3, 2, 3)	370.9519	0.000000
X_FCC(3, 2, 4)	110.1070	0.000000
X_FCC(4, 1, 1)	0.000000	0.000000
X_FCC(4, 1, 2)	837.9000	0.000000
X_FCC(4, 1, 3)	769.3250	0.000000
X_FCC(4, 1, 4)	276.1333	0.000000
X_FCC(4, 2, 1)	0.000000	0.000000
X_FCC(4, 2, 2)	0.000000	0.000000
X_FCC(4, 2, 3)	70.00000	0.000000
X_FCC(4, 2, 4)	0.000000	0.000000
X_TCC(1, 1, 1)	0.000000	0.4046936E-05
X_TCC(1, 1, 2)	282.1500	0.000000
X_TCC(1, 1, 3)	535.6369	0.000000
X_TCC(1, 1, 4)	459.9298	0.000000
X_TCC(1, 2, 1)	0.000000	0.6511700E-05
X_TCC(1, 2, 2)	0.000000	0.2101721E-06
X_TCC(1, 2, 3)	0.000000	0.7356542E-07
X_TCC(1, 2, 4)	0.000000	0.2845174E-07
X_TCC(2, 1, 1)	0.000000	0.2599823E-05
X_TCC(2, 1, 2)	288.8000	0.000000
X_TCC(2, 1, 3)	217.6594	0.000000
X_TCC(2, 1, 4)	244.6333	0.000000
X_TCC(2, 2, 1)	0.000000	0.3740096E-05
X_TCC(2, 2, 2)	0.000000	0.000000
X_TCC(2, 2, 3)	326.0406	0.000000
X_TCC(2, 2, 4)	0.000000	0.000000
X_TCC(3, 1, 1)	0.000000	0.2681150E-05
X_TCC(3, 1, 2)	608.0000	0.000000
X_TCC(3, 1, 3)	512.5481	0.000000
X_TCC(3, 1, 4)	758.5430	0.000000
X_TCC(3, 2, 1)	0.000000	0.3615944E-05
X_TCC(3, 2, 2)	0.000000	0.000000
X_TCC(3, 2, 3)	370.9519	0.000000
X_TCC(3, 2, 4)	40.10695	0.000000
X_TCC(4, 1, 1)	0.000000	0.1797453E-05
X_TCC(4, 1, 2)	837.9000	0.000000
X_TCC(4, 1, 3)	769.3250	0.000000
X_TCC(4, 1, 4)	196.1333	0.000000
X_TCC(4, 2, 1)	0.000000	0.2426330E-05
X_TCC(4, 2, 2)	0.000000	0.000000
X_TCC(4, 2, 3)	0.000000	0.5522352E-07
X_TCC(4, 2, 4)	0.000000	0.7741855E-07
INV_PC(1, 1, 1)	0.000000	0.6154992E-05
INV_PC(1, 1, 2)	0.000000	0.1802438E-05
INV_PC(1, 1, 3)	0.000000	0.2910921E-07
INV_PC(1, 1, 4)	60.00000	0.000000

INV_PC (1, 2, 1)	0.000000	0.6139295E-05
INV_PC (1, 2, 2)	0.000000	0.1771044E-05
INV_PC (1, 2, 3)	43.86314	0.000000
INV_PC (1, 2, 4)	80.00000	0.000000
INV_PC (2, 1, 1)	0.000000	0.4289838E-05
INV_PC (2, 1, 2)	0.000000	0.1019595E-05
INV_PC (2, 1, 3)	0.000000	0.1094768E-06
INV_PC (2, 1, 4)	60.00000	0.000000
INV_PC (2, 2, 1)	0.000000	0.4164262E-05
INV_PC (2, 2, 2)	0.000000	0.9097159E-06
INV_PC (2, 2, 3)	70.00000	0.000000
INV_PC (2, 2, 4)	70.00000	0.000000
INV_PC (3, 1, 1)	0.000000	0.3608655E-05
INV_PC (3, 1, 2)	0.000000	0.1429365E-05
INV_PC (3, 1, 3)	0.000000	0.1395310E-06
INV_PC (3, 1, 4)	50.00000	0.000000
INV_PC (3, 2, 1)	0.000000	0.3545867E-05
INV_PC (3, 2, 2)	0.000000	0.1413668E-05
INV_PC (3, 2, 3)	0.000000	0.1552280E-06
INV_PC (3, 2, 4)	70.00000	0.000000
INV_PC (4, 1, 1)	0.000000	0.2951968E-05
INV_PC (4, 1, 2)	0.000000	0.8637133E-06
INV_PC (4, 1, 3)	0.000000	0.7848485E-07
INV_PC (4, 1, 4)	80.00000	0.000000
INV_PC (4, 2, 1)	0.000000	0.2857786E-05
INV_PC (4, 2, 2)	0.000000	0.7695315E-06
INV_PC (4, 2, 3)	70.00000	0.000000
INV_PC (4, 2, 4)	70.00000	0.000000
DEM_C_1 (1, 1, 1)	162.0000	0.000000
DEM_C_1 (1, 1, 2)	387.0000	0.000000
DEM_C_1 (1, 1, 3)	270.0000	0.000000
DEM_C_1 (1, 1, 4)	270.0000	0.000000
DEM_C_1 (1, 2, 1)	378.0000	0.000000
DEM_C_1 (1, 2, 2)	333.0000	0.000000
DEM_C_1 (1, 2, 3)	198.0000	0.000000
DEM_C_1 (1, 2, 4)	261.0000	0.000000
DEM_C_1 (1, 3, 1)	153.0000	0.000000
DEM_C_1 (1, 3, 2)	351.0000	0.000000
DEM_C_1 (1, 3, 3)	198.0000	0.000000
DEM_C_1 (1, 3, 4)	261.0000	0.000000
DEM_C_1 (1, 4, 1)	288.0000	0.000000
DEM_C_1 (1, 4, 2)	171.0000	0.000000
DEM_C_1 (1, 4, 3)	369.0000	0.000000
DEM_C_1 (1, 4, 4)	234.0000	0.000000
DEM_C_1 (1, 5, 1)	351.0000	0.000000
DEM_C_1 (1, 5, 2)	162.0000	0.000000
DEM_C_1 (1, 5, 3)	234.0000	0.000000
DEM_C_1 (1, 5, 4)	162.0000	0.000000
DEM_C_1 (1, 6, 1)	180.0000	0.000000
DEM_C_1 (1, 6, 2)	279.0000	0.000000
DEM_C_1 (1, 6, 3)	387.0000	0.000000
DEM_C_1 (1, 6, 4)	243.0000	0.000000
DEM_C_1 (1, 7, 1)	306.0000	0.000000
DEM_C_1 (1, 7, 2)	378.0000	0.000000
DEM_C_1 (1, 7, 3)	180.0000	0.000000
DEM_C_1 (1, 7, 4)	360.0000	0.000000
DEM_C_1 (1, 8, 1)	306.0000	0.000000
DEM_C_1 (1, 8, 2)	333.0000	0.000000
DEM_C_1 (1, 8, 3)	162.0000	0.000000
DEM_C_1 (1, 8, 4)	324.0000	0.000000
DEM_C_1 (1, 9, 1)	225.0000	0.000000
DEM_C_1 (1, 9, 2)	162.0000	0.000000
DEM_C_1 (1, 9, 3)	243.0000	0.000000
DEM_C_1 (1, 9, 4)	234.0000	0.000000
DEM_C_1 (1, 10, 1)	324.0000	0.000000
DEM_C_1 (1, 10, 2)	261.0000	0.000000

DEM_C_1(1, 10, 3)	171.0000	0.000000
DEM_C_1(1, 10, 4)	351.0000	0.000000
DEM_C_1(2, 1, 1)	171.0000	0.000000
DEM_C_1(2, 1, 2)	171.0000	0.000000
DEM_C_1(2, 1, 3)	216.0000	0.000000
DEM_C_1(2, 1, 4)	207.0000	0.000000
DEM_C_1(2, 2, 1)	270.0000	0.000000
DEM_C_1(2, 2, 2)	396.0000	0.000000
DEM_C_1(2, 2, 3)	198.0000	0.000000
DEM_C_1(2, 2, 4)	306.0000	0.000000
DEM_C_1(2, 3, 1)	351.0000	0.000000
DEM_C_1(2, 3, 2)	252.0000	0.000000
DEM_C_1(2, 3, 3)	387.0000	0.000000
DEM_C_1(2, 3, 4)	369.0000	0.000000
DEM_C_1(2, 4, 1)	333.0000	0.000000
DEM_C_1(2, 4, 2)	297.0000	0.000000
DEM_C_1(2, 4, 3)	342.0000	0.000000
DEM_C_1(2, 4, 4)	351.0000	0.000000
DEM_C_1(2, 5, 1)	279.0000	0.000000
DEM_C_1(2, 5, 2)	387.0000	0.000000
DEM_C_1(2, 5, 3)	297.0000	0.000000
DEM_C_1(2, 5, 4)	297.0000	0.000000
DEM_C_1(2, 6, 1)	243.0000	0.000000
DEM_C_1(2, 6, 2)	396.0000	0.000000
DEM_C_1(2, 6, 3)	288.0000	0.000000
DEM_C_1(2, 6, 4)	207.0000	0.000000
DEM_C_1(2, 7, 1)	216.0000	0.000000
DEM_C_1(2, 7, 2)	270.0000	0.000000
DEM_C_1(2, 7, 3)	270.0000	0.000000
DEM_C_1(2, 7, 4)	162.0000	0.000000
DEM_C_1(2, 8, 1)	243.0000	0.000000
DEM_C_1(2, 8, 2)	396.0000	0.000000
DEM_C_1(2, 8, 3)	207.0000	0.000000
DEM_C_1(2, 8, 4)	378.0000	0.000000
DEM_C_1(2, 9, 1)	324.0000	0.000000
DEM_C_1(2, 9, 2)	225.0000	0.000000
DEM_C_1(2, 9, 3)	342.0000	0.000000
DEM_C_1(2, 9, 4)	252.0000	0.000000
DEM_C_1(2, 10, 1)	306.0000	0.000000
DEM_C_1(2, 10, 2)	288.0000	0.000000
DEM_C_1(2, 10, 3)	297.0000	0.000000
DEM_C_1(2, 10, 4)	171.0000	0.000000
DEM_C_1(3, 1, 1)	342.0000	0.000000
DEM_C_1(3, 1, 2)	252.0000	0.000000
DEM_C_1(3, 1, 3)	315.0000	0.000000
DEM_C_1(3, 1, 4)	279.0000	0.000000
DEM_C_1(3, 2, 1)	216.0000	0.000000
DEM_C_1(3, 2, 2)	342.0000	0.000000
DEM_C_1(3, 2, 3)	369.0000	0.000000
DEM_C_1(3, 2, 4)	189.0000	0.000000
DEM_C_1(3, 3, 1)	243.0000	0.000000
DEM_C_1(3, 3, 2)	270.0000	0.000000
DEM_C_1(3, 3, 3)	360.0000	0.000000
DEM_C_1(3, 3, 4)	198.0000	0.000000
DEM_C_1(3, 4, 1)	360.0000	0.000000
DEM_C_1(3, 4, 2)	198.0000	0.000000
DEM_C_1(3, 4, 3)	351.0000	0.000000
DEM_C_1(3, 4, 4)	387.0000	0.000000
DEM_C_1(3, 5, 1)	288.0000	0.000000
DEM_C_1(3, 5, 2)	288.0000	0.000000
DEM_C_1(3, 5, 3)	324.0000	0.000000
DEM_C_1(3, 5, 4)	252.0000	0.000000
DEM_C_1(3, 6, 1)	369.0000	0.000000
DEM_C_1(3, 6, 2)	387.0000	0.000000
DEM_C_1(3, 6, 3)	225.0000	0.000000
DEM_C_1(3, 6, 4)	387.0000	0.000000

DEM_C_1(3, 7, 1)	270.0000	0.000000
DEM_C_1(3, 7, 2)	252.0000	0.000000
DEM_C_1(3, 7, 3)	378.0000	0.000000
DEM_C_1(3, 7, 4)	387.0000	0.000000
DEM_C_1(3, 8, 1)	315.0000	0.000000
DEM_C_1(3, 8, 2)	279.0000	0.000000
DEM_C_1(3, 8, 3)	180.0000	0.000000
DEM_C_1(3, 8, 4)	369.0000	0.000000
DEM_C_1(3, 9, 1)	243.0000	0.000000
DEM_C_1(3, 9, 2)	279.0000	0.000000
DEM_C_1(3, 9, 3)	261.0000	0.000000
DEM_C_1(3, 9, 4)	351.0000	0.000000
DEM_C_1(3, 10, 1)	234.0000	0.000000
DEM_C_1(3, 10, 2)	153.0000	0.000000
DEM_C_1(3, 10, 3)	360.0000	0.000000
DEM_C_1(3, 10, 4)	270.0000	0.000000
DEM_C_1(4, 1, 1)	270.0000	0.000000
DEM_C_1(4, 1, 2)	216.0000	0.000000
DEM_C_1(4, 1, 3)	225.0000	0.000000
DEM_C_1(4, 1, 4)	234.0000	0.000000
DEM_C_1(4, 2, 1)	252.0000	0.000000
DEM_C_1(4, 2, 2)	396.0000	0.000000
DEM_C_1(4, 2, 3)	252.0000	0.000000
DEM_C_1(4, 2, 4)	297.0000	0.000000
DEM_C_1(4, 3, 1)	234.0000	0.000000
DEM_C_1(4, 3, 2)	243.0000	0.000000
DEM_C_1(4, 3, 3)	243.0000	0.000000
DEM_C_1(4, 3, 4)	306.0000	0.000000
DEM_C_1(4, 4, 1)	198.0000	0.000000
DEM_C_1(4, 4, 2)	333.0000	0.000000
DEM_C_1(4, 4, 3)	261.0000	0.000000
DEM_C_1(4, 4, 4)	207.0000	0.000000
DEM_C_1(4, 5, 1)	261.0000	0.000000
DEM_C_1(4, 5, 2)	270.0000	0.000000
DEM_C_1(4, 5, 3)	333.0000	0.000000
DEM_C_1(4, 5, 4)	288.0000	0.000000
DEM_C_1(4, 6, 1)	306.0000	0.000000
DEM_C_1(4, 6, 2)	252.0000	0.000000
DEM_C_1(4, 6, 3)	198.0000	0.000000
DEM_C_1(4, 6, 4)	270.0000	0.000000
DEM_C_1(4, 7, 1)	270.0000	0.000000
DEM_C_1(4, 7, 2)	288.0000	0.000000
DEM_C_1(4, 7, 3)	153.0000	0.000000
DEM_C_1(4, 7, 4)	189.0000	0.000000
DEM_C_1(4, 8, 1)	243.0000	0.000000
DEM_C_1(4, 8, 2)	180.0000	0.000000
DEM_C_1(4, 8, 3)	333.0000	0.000000
DEM_C_1(4, 8, 4)	333.0000	0.000000
DEM_C_1(4, 9, 1)	369.0000	0.000000
DEM_C_1(4, 9, 2)	288.0000	0.000000
DEM_C_1(4, 9, 3)	162.0000	0.000000
DEM_C_1(4, 9, 4)	333.0000	0.000000
DEM_C_1(4, 10, 1)	243.0000	0.000000
DEM_C_1(4, 10, 2)	189.0000	0.000000
DEM_C_1(4, 10, 3)	387.0000	0.000000
DEM_C_1(4, 10, 4)	333.0000	0.000000
DEM_C_2(1, 1, 1)	180.0000	0.000000
DEM_C_2(1, 1, 2)	430.0000	0.000000
DEM_C_2(1, 1, 3)	300.0000	0.000000
DEM_C_2(1, 1, 4)	300.0000	0.000000
DEM_C_2(1, 2, 1)	420.0000	0.000000
DEM_C_2(1, 2, 2)	370.0000	0.000000
DEM_C_2(1, 2, 3)	220.0000	0.000000
DEM_C_2(1, 2, 4)	290.0000	0.000000
DEM_C_2(1, 3, 1)	170.0000	0.000000
DEM_C_2(1, 3, 2)	390.0000	0.000000

DEM_C_2(1, 3, 3)	220.0000	0.000000
DEM_C_2(1, 3, 4)	290.0000	0.000000
DEM_C_2(1, 4, 1)	320.0000	0.000000
DEM_C_2(1, 4, 2)	190.0000	0.000000
DEM_C_2(1, 4, 3)	410.0000	0.000000
DEM_C_2(1, 4, 4)	260.0000	0.000000
DEM_C_2(1, 5, 1)	390.0000	0.000000
DEM_C_2(1, 5, 2)	180.0000	0.000000
DEM_C_2(1, 5, 3)	260.0000	0.000000
DEM_C_2(1, 5, 4)	180.0000	0.000000
DEM_C_2(1, 6, 1)	200.0000	0.000000
DEM_C_2(1, 6, 2)	310.0000	0.000000
DEM_C_2(1, 6, 3)	430.0000	0.000000
DEM_C_2(1, 6, 4)	270.0000	0.000000
DEM_C_2(1, 7, 1)	340.0000	0.000000
DEM_C_2(1, 7, 2)	420.0000	0.000000
DEM_C_2(1, 7, 3)	200.0000	0.000000
DEM_C_2(1, 7, 4)	400.0000	0.000000
DEM_C_2(1, 8, 1)	340.0000	0.000000
DEM_C_2(1, 8, 2)	370.0000	0.000000
DEM_C_2(1, 8, 3)	180.0000	0.000000
DEM_C_2(1, 8, 4)	360.0000	0.000000
DEM_C_2(1, 9, 1)	250.0000	0.000000
DEM_C_2(1, 9, 2)	180.0000	0.000000
DEM_C_2(1, 9, 3)	270.0000	0.000000
DEM_C_2(1, 9, 4)	260.0000	0.000000
DEM_C_2(1, 10, 1)	360.0000	0.000000
DEM_C_2(1, 10, 2)	290.0000	0.000000
DEM_C_2(1, 10, 3)	190.0000	0.000000
DEM_C_2(1, 10, 4)	390.0000	0.000000
DEM_C_2(2, 1, 1)	190.0000	0.000000
DEM_C_2(2, 1, 2)	190.0000	0.000000
DEM_C_2(2, 1, 3)	240.0000	0.000000
DEM_C_2(2, 1, 4)	230.0000	0.000000
DEM_C_2(2, 2, 1)	300.0000	0.000000
DEM_C_2(2, 2, 2)	440.0000	0.000000
DEM_C_2(2, 2, 3)	220.0000	0.000000
DEM_C_2(2, 2, 4)	340.0000	0.000000
DEM_C_2(2, 3, 1)	390.0000	0.000000
DEM_C_2(2, 3, 2)	280.0000	0.000000
DEM_C_2(2, 3, 3)	430.0000	0.000000
DEM_C_2(2, 3, 4)	410.0000	0.000000
DEM_C_2(2, 4, 1)	370.0000	0.000000
DEM_C_2(2, 4, 2)	330.0000	0.000000
DEM_C_2(2, 4, 3)	380.0000	0.000000
DEM_C_2(2, 4, 4)	390.0000	0.000000
DEM_C_2(2, 5, 1)	310.0000	0.000000
DEM_C_2(2, 5, 2)	430.0000	0.000000
DEM_C_2(2, 5, 3)	330.0000	0.000000
DEM_C_2(2, 5, 4)	330.0000	0.000000
DEM_C_2(2, 6, 1)	270.0000	0.000000
DEM_C_2(2, 6, 2)	440.0000	0.000000
DEM_C_2(2, 6, 3)	320.0000	0.000000
DEM_C_2(2, 6, 4)	230.0000	0.000000
DEM_C_2(2, 7, 1)	240.0000	0.000000
DEM_C_2(2, 7, 2)	300.0000	0.000000
DEM_C_2(2, 7, 3)	300.0000	0.000000
DEM_C_2(2, 7, 4)	180.0000	0.000000
DEM_C_2(2, 8, 1)	270.0000	0.000000
DEM_C_2(2, 8, 2)	440.0000	0.000000
DEM_C_2(2, 8, 3)	230.0000	0.000000
DEM_C_2(2, 8, 4)	420.0000	0.000000
DEM_C_2(2, 9, 1)	360.0000	0.000000
DEM_C_2(2, 9, 2)	250.0000	0.000000
DEM_C_2(2, 9, 3)	380.0000	0.000000
DEM_C_2(2, 9, 4)	280.0000	0.000000

DEM_C_2(2, 10, 1)	340.0000	0.000000
DEM_C_2(2, 10, 2)	320.0000	0.000000
DEM_C_2(2, 10, 3)	330.0000	0.000000
DEM_C_2(2, 10, 4)	190.0000	0.000000
DEM_C_2(3, 1, 1)	380.0000	0.000000
DEM_C_2(3, 1, 2)	280.0000	0.000000
DEM_C_2(3, 1, 3)	350.0000	0.000000
DEM_C_2(3, 1, 4)	310.0000	0.000000
DEM_C_2(3, 2, 1)	240.0000	0.000000
DEM_C_2(3, 2, 2)	380.0000	0.000000
DEM_C_2(3, 2, 3)	410.0000	0.000000
DEM_C_2(3, 2, 4)	210.0000	0.000000
DEM_C_2(3, 3, 1)	270.0000	0.000000
DEM_C_2(3, 3, 2)	300.0000	0.000000
DEM_C_2(3, 3, 3)	400.0000	0.000000
DEM_C_2(3, 3, 4)	220.0000	0.000000
DEM_C_2(3, 4, 1)	400.0000	0.000000
DEM_C_2(3, 4, 2)	220.0000	0.000000
DEM_C_2(3, 4, 3)	390.0000	0.000000
DEM_C_2(3, 4, 4)	430.0000	0.000000
DEM_C_2(3, 5, 1)	320.0000	0.000000
DEM_C_2(3, 5, 2)	320.0000	0.000000
DEM_C_2(3, 5, 3)	360.0000	0.000000
DEM_C_2(3, 5, 4)	280.0000	0.000000
DEM_C_2(3, 6, 1)	410.0000	0.000000
DEM_C_2(3, 6, 2)	430.0000	0.000000
DEM_C_2(3, 6, 3)	250.0000	0.000000
DEM_C_2(3, 6, 4)	430.0000	0.000000
DEM_C_2(3, 7, 1)	300.0000	0.000000
DEM_C_2(3, 7, 2)	280.0000	0.000000
DEM_C_2(3, 7, 3)	420.0000	0.000000
DEM_C_2(3, 7, 4)	430.0000	0.000000
DEM_C_2(3, 8, 1)	350.0000	0.000000
DEM_C_2(3, 8, 2)	310.0000	0.000000
DEM_C_2(3, 8, 3)	200.0000	0.000000
DEM_C_2(3, 8, 4)	410.0000	0.000000
DEM_C_2(3, 9, 1)	270.0000	0.000000
DEM_C_2(3, 9, 2)	310.0000	0.000000
DEM_C_2(3, 9, 3)	290.0000	0.000000
DEM_C_2(3, 9, 4)	390.0000	0.000000
DEM_C_2(3, 10, 1)	260.0000	0.000000
DEM_C_2(3, 10, 2)	170.0000	0.000000
DEM_C_2(3, 10, 3)	400.0000	0.000000
DEM_C_2(3, 10, 4)	300.0000	0.000000
DEM_C_2(4, 1, 1)	300.0000	0.000000
DEM_C_2(4, 1, 2)	240.0000	0.000000
DEM_C_2(4, 1, 3)	250.0000	0.000000
DEM_C_2(4, 1, 4)	260.0000	0.000000
DEM_C_2(4, 2, 1)	280.0000	0.000000
DEM_C_2(4, 2, 2)	440.0000	0.000000
DEM_C_2(4, 2, 3)	280.0000	0.000000
DEM_C_2(4, 2, 4)	330.0000	0.000000
DEM_C_2(4, 3, 1)	260.0000	0.000000
DEM_C_2(4, 3, 2)	270.0000	0.000000
DEM_C_2(4, 3, 3)	270.0000	0.000000
DEM_C_2(4, 3, 4)	340.0000	0.000000
DEM_C_2(4, 4, 1)	220.0000	0.000000
DEM_C_2(4, 4, 2)	370.0000	0.000000
DEM_C_2(4, 4, 3)	290.0000	0.000000
DEM_C_2(4, 4, 4)	230.0000	0.000000
DEM_C_2(4, 5, 1)	290.0000	0.000000
DEM_C_2(4, 5, 2)	300.0000	0.000000
DEM_C_2(4, 5, 3)	370.0000	0.000000
DEM_C_2(4, 5, 4)	320.0000	0.000000
DEM_C_2(4, 6, 1)	340.0000	0.000000
DEM_C_2(4, 6, 2)	280.0000	0.000000

DEM_C_2(4, 6, 3)	220.0000	0.000000
DEM_C_2(4, 6, 4)	300.0000	0.000000
DEM_C_2(4, 7, 1)	300.0000	0.000000
DEM_C_2(4, 7, 2)	320.0000	0.000000
DEM_C_2(4, 7, 3)	170.0000	0.000000
DEM_C_2(4, 7, 4)	210.0000	0.000000
DEM_C_2(4, 8, 1)	270.0000	0.000000
DEM_C_2(4, 8, 2)	200.0000	0.000000
DEM_C_2(4, 8, 3)	370.0000	0.000000
DEM_C_2(4, 8, 4)	370.0000	0.000000
DEM_C_2(4, 9, 1)	410.0000	0.000000
DEM_C_2(4, 9, 2)	320.0000	0.000000
DEM_C_2(4, 9, 3)	180.0000	0.000000
DEM_C_2(4, 9, 4)	370.0000	0.000000
DEM_C_2(4, 10, 1)	270.0000	0.000000
DEM_C_2(4, 10, 2)	210.0000	0.000000
DEM_C_2(4, 10, 3)	430.0000	0.000000
DEM_C_2(4, 10, 4)	370.0000	0.000000
DEM_C_3(1, 1, 1)	198.0000	0.000000
DEM_C_3(1, 1, 2)	473.0000	0.000000
DEM_C_3(1, 1, 3)	330.0000	0.000000
DEM_C_3(1, 1, 4)	330.0000	0.000000
DEM_C_3(1, 2, 1)	462.0000	0.000000
DEM_C_3(1, 2, 2)	407.0000	0.000000
DEM_C_3(1, 2, 3)	242.0000	0.000000
DEM_C_3(1, 2, 4)	319.0000	0.000000
DEM_C_3(1, 3, 1)	187.0000	0.000000
DEM_C_3(1, 3, 2)	429.0000	0.000000
DEM_C_3(1, 3, 3)	242.0000	0.000000
DEM_C_3(1, 3, 4)	319.0000	0.000000
DEM_C_3(1, 4, 1)	352.0000	0.000000
DEM_C_3(1, 4, 2)	209.0000	0.000000
DEM_C_3(1, 4, 3)	451.0000	0.000000
DEM_C_3(1, 4, 4)	286.0000	0.000000
DEM_C_3(1, 5, 1)	429.0000	0.000000
DEM_C_3(1, 5, 2)	198.0000	0.000000
DEM_C_3(1, 5, 3)	286.0000	0.000000
DEM_C_3(1, 5, 4)	198.0000	0.000000
DEM_C_3(1, 6, 1)	220.0000	0.000000
DEM_C_3(1, 6, 2)	341.0000	0.000000
DEM_C_3(1, 6, 3)	473.0000	0.000000
DEM_C_3(1, 6, 4)	297.0000	0.000000
DEM_C_3(1, 7, 1)	374.0000	0.000000
DEM_C_3(1, 7, 2)	462.0000	0.000000
DEM_C_3(1, 7, 3)	220.0000	0.000000
DEM_C_3(1, 7, 4)	440.0000	0.000000
DEM_C_3(1, 8, 1)	374.0000	0.000000
DEM_C_3(1, 8, 2)	407.0000	0.000000
DEM_C_3(1, 8, 3)	198.0000	0.000000
DEM_C_3(1, 8, 4)	396.0000	0.000000
DEM_C_3(1, 9, 1)	275.0000	0.000000
DEM_C_3(1, 9, 2)	198.0000	0.000000
DEM_C_3(1, 9, 3)	297.0000	0.000000
DEM_C_3(1, 9, 4)	286.0000	0.000000
DEM_C_3(1, 10, 1)	396.0000	0.000000
DEM_C_3(1, 10, 2)	319.0000	0.000000
DEM_C_3(1, 10, 3)	209.0000	0.000000
DEM_C_3(1, 10, 4)	429.0000	0.000000
DEM_C_3(2, 1, 1)	209.0000	0.000000
DEM_C_3(2, 1, 2)	209.0000	0.000000
DEM_C_3(2, 1, 3)	264.0000	0.000000
DEM_C_3(2, 1, 4)	253.0000	0.000000
DEM_C_3(2, 2, 1)	330.0000	0.000000
DEM_C_3(2, 2, 2)	484.0000	0.000000
DEM_C_3(2, 2, 3)	242.0000	0.000000
DEM_C_3(2, 2, 4)	374.0000	0.000000

DEM_C_3(2, 3, 1)	429.0000	0.000000
DEM_C_3(2, 3, 2)	308.0000	0.000000
DEM_C_3(2, 3, 3)	473.0000	0.000000
DEM_C_3(2, 3, 4)	451.0000	0.000000
DEM_C_3(2, 4, 1)	407.0000	0.000000
DEM_C_3(2, 4, 2)	363.0000	0.000000
DEM_C_3(2, 4, 3)	418.0000	0.000000
DEM_C_3(2, 4, 4)	429.0000	0.000000
DEM_C_3(2, 5, 1)	341.0000	0.000000
DEM_C_3(2, 5, 2)	473.0000	0.000000
DEM_C_3(2, 5, 3)	363.0000	0.000000
DEM_C_3(2, 5, 4)	363.0000	0.000000
DEM_C_3(2, 6, 1)	297.0000	0.000000
DEM_C_3(2, 6, 2)	484.0000	0.000000
DEM_C_3(2, 6, 3)	352.0000	0.000000
DEM_C_3(2, 6, 4)	253.0000	0.000000
DEM_C_3(2, 7, 1)	264.0000	0.000000
DEM_C_3(2, 7, 2)	330.0000	0.000000
DEM_C_3(2, 7, 3)	330.0000	0.000000
DEM_C_3(2, 7, 4)	198.0000	0.000000
DEM_C_3(2, 8, 1)	297.0000	0.000000
DEM_C_3(2, 8, 2)	484.0000	0.000000
DEM_C_3(2, 8, 3)	253.0000	0.000000
DEM_C_3(2, 8, 4)	462.0000	0.000000
DEM_C_3(2, 9, 1)	396.0000	0.000000
DEM_C_3(2, 9, 2)	275.0000	0.000000
DEM_C_3(2, 9, 3)	418.0000	0.000000
DEM_C_3(2, 9, 4)	308.0000	0.000000
DEM_C_3(2, 10, 1)	374.0000	0.000000
DEM_C_3(2, 10, 2)	352.0000	0.000000
DEM_C_3(2, 10, 3)	363.0000	0.000000
DEM_C_3(2, 10, 4)	209.0000	0.000000
DEM_C_3(3, 1, 1)	418.0000	0.000000
DEM_C_3(3, 1, 2)	308.0000	0.000000
DEM_C_3(3, 1, 3)	385.0000	0.000000
DEM_C_3(3, 1, 4)	341.0000	0.000000
DEM_C_3(3, 2, 1)	264.0000	0.000000
DEM_C_3(3, 2, 2)	418.0000	0.000000
DEM_C_3(3, 2, 3)	451.0000	0.000000
DEM_C_3(3, 2, 4)	231.0000	0.000000
DEM_C_3(3, 3, 1)	297.0000	0.000000
DEM_C_3(3, 3, 2)	330.0000	0.000000
DEM_C_3(3, 3, 3)	440.0000	0.000000
DEM_C_3(3, 3, 4)	242.0000	0.000000
DEM_C_3(3, 4, 1)	440.0000	0.000000
DEM_C_3(3, 4, 2)	242.0000	0.000000
DEM_C_3(3, 4, 3)	429.0000	0.000000
DEM_C_3(3, 4, 4)	473.0000	0.000000
DEM_C_3(3, 5, 1)	352.0000	0.000000
DEM_C_3(3, 5, 2)	352.0000	0.000000
DEM_C_3(3, 5, 3)	396.0000	0.000000
DEM_C_3(3, 5, 4)	308.0000	0.000000
DEM_C_3(3, 6, 1)	451.0000	0.000000
DEM_C_3(3, 6, 2)	473.0000	0.000000
DEM_C_3(3, 6, 3)	275.0000	0.000000
DEM_C_3(3, 6, 4)	473.0000	0.000000
DEM_C_3(3, 7, 1)	330.0000	0.000000
DEM_C_3(3, 7, 2)	308.0000	0.000000
DEM_C_3(3, 7, 3)	462.0000	0.000000
DEM_C_3(3, 7, 4)	473.0000	0.000000
DEM_C_3(3, 8, 1)	385.0000	0.000000
DEM_C_3(3, 8, 2)	341.0000	0.000000
DEM_C_3(3, 8, 3)	220.0000	0.000000
DEM_C_3(3, 8, 4)	451.0000	0.000000
DEM_C_3(3, 9, 1)	297.0000	0.000000
DEM_C_3(3, 9, 2)	341.0000	0.000000

DEM_C_3(3, 9, 3)	319.0000	0.000000
DEM_C_3(3, 9, 4)	429.0000	0.000000
DEM_C_3(3, 10, 1)	286.0000	0.000000
DEM_C_3(3, 10, 2)	187.0000	0.000000
DEM_C_3(3, 10, 3)	440.0000	0.000000
DEM_C_3(3, 10, 4)	330.0000	0.000000
DEM_C_3(4, 1, 1)	330.0000	0.000000
DEM_C_3(4, 1, 2)	264.0000	0.000000
DEM_C_3(4, 1, 3)	275.0000	0.000000
DEM_C_3(4, 1, 4)	286.0000	0.000000
DEM_C_3(4, 2, 1)	308.0000	0.000000
DEM_C_3(4, 2, 2)	484.0000	0.000000
DEM_C_3(4, 2, 3)	308.0000	0.000000
DEM_C_3(4, 2, 4)	363.0000	0.000000
DEM_C_3(4, 3, 1)	286.0000	0.000000
DEM_C_3(4, 3, 2)	297.0000	0.000000
DEM_C_3(4, 3, 3)	297.0000	0.000000
DEM_C_3(4, 3, 4)	374.0000	0.000000
DEM_C_3(4, 4, 1)	242.0000	0.000000
DEM_C_3(4, 4, 2)	407.0000	0.000000
DEM_C_3(4, 4, 3)	319.0000	0.000000
DEM_C_3(4, 4, 4)	253.0000	0.000000
DEM_C_3(4, 5, 1)	319.0000	0.000000
DEM_C_3(4, 5, 2)	330.0000	0.000000
DEM_C_3(4, 5, 3)	407.0000	0.000000
DEM_C_3(4, 5, 4)	352.0000	0.000000
DEM_C_3(4, 6, 1)	374.0000	0.000000
DEM_C_3(4, 6, 2)	308.0000	0.000000
DEM_C_3(4, 6, 3)	242.0000	0.000000
DEM_C_3(4, 6, 4)	330.0000	0.000000
DEM_C_3(4, 7, 1)	330.0000	0.000000
DEM_C_3(4, 7, 2)	352.0000	0.000000
DEM_C_3(4, 7, 3)	187.0000	0.000000
DEM_C_3(4, 7, 4)	231.0000	0.000000
DEM_C_3(4, 8, 1)	297.0000	0.000000
DEM_C_3(4, 8, 2)	220.0000	0.000000
DEM_C_3(4, 8, 3)	407.0000	0.000000
DEM_C_3(4, 8, 4)	407.0000	0.000000
DEM_C_3(4, 9, 1)	451.0000	0.000000
DEM_C_3(4, 9, 2)	352.0000	0.000000
DEM_C_3(4, 9, 3)	198.0000	0.000000
DEM_C_3(4, 9, 4)	407.0000	0.000000
DEM_C_3(4, 10, 1)	297.0000	0.000000
DEM_C_3(4, 10, 2)	231.0000	0.000000
DEM_C_3(4, 10, 3)	473.0000	0.000000
DEM_C_3(4, 10, 4)	407.0000	0.000000
DEM_C_AU(1, 1, 1)	189.0000	0.000000
DEM_C_AU(1, 1, 2)	451.5000	0.000000
DEM_C_AU(1, 1, 3)	315.0000	0.000000
DEM_C_AU(1, 1, 4)	315.0000	0.000000
DEM_C_AU(1, 2, 1)	441.0000	0.000000
DEM_C_AU(1, 2, 2)	388.5000	0.000000
DEM_C_AU(1, 2, 3)	231.0000	0.000000
DEM_C_AU(1, 2, 4)	304.5000	0.000000
DEM_C_AU(1, 3, 1)	178.5000	0.000000
DEM_C_AU(1, 3, 2)	409.5000	0.000000
DEM_C_AU(1, 3, 3)	231.0000	0.000000
DEM_C_AU(1, 3, 4)	304.5000	0.000000
DEM_C_AU(1, 4, 1)	336.0000	0.000000
DEM_C_AU(1, 4, 2)	199.5000	0.000000
DEM_C_AU(1, 4, 3)	430.5000	0.000000
DEM_C_AU(1, 4, 4)	273.0000	0.000000
DEM_C_AU(1, 5, 1)	409.5000	0.000000
DEM_C_AU(1, 5, 2)	189.0000	0.000000
DEM_C_AU(1, 5, 3)	273.0000	0.000000
DEM_C_AU(1, 5, 4)	189.0000	0.000000

DEM_C_AU(1, 6, 1)	210.0000	0.000000
DEM_C_AU(1, 6, 2)	325.5000	0.000000
DEM_C_AU(1, 6, 3)	451.5000	0.000000
DEM_C_AU(1, 6, 4)	283.5000	0.000000
DEM_C_AU(1, 7, 1)	357.0000	0.000000
DEM_C_AU(1, 7, 2)	441.0000	0.000000
DEM_C_AU(1, 7, 3)	210.0000	0.000000
DEM_C_AU(1, 7, 4)	420.0000	0.000000
DEM_C_AU(1, 8, 1)	357.0000	0.000000
DEM_C_AU(1, 8, 2)	388.5000	0.000000
DEM_C_AU(1, 8, 3)	189.0000	0.000000
DEM_C_AU(1, 8, 4)	378.0000	0.000000
DEM_C_AU(1, 9, 1)	262.5000	0.000000
DEM_C_AU(1, 9, 2)	189.0000	0.000000
DEM_C_AU(1, 9, 3)	283.5000	0.000000
DEM_C_AU(1, 9, 4)	273.0000	0.000000
DEM_C_AU(1, 10, 1)	378.0000	0.000000
DEM_C_AU(1, 10, 2)	304.5000	0.000000
DEM_C_AU(1, 10, 3)	199.5000	0.000000
DEM_C_AU(1, 10, 4)	409.5000	0.000000
DEM_C_AU(2, 1, 1)	199.5000	0.000000
DEM_C_AU(2, 1, 2)	199.5000	0.000000
DEM_C_AU(2, 1, 3)	252.0000	0.000000
DEM_C_AU(2, 1, 4)	241.5000	0.000000
DEM_C_AU(2, 2, 1)	315.0000	0.000000
DEM_C_AU(2, 2, 2)	462.0000	0.000000
DEM_C_AU(2, 2, 3)	231.0000	0.000000
DEM_C_AU(2, 2, 4)	357.0000	0.000000
DEM_C_AU(2, 3, 1)	409.5000	0.000000
DEM_C_AU(2, 3, 2)	294.0000	0.000000
DEM_C_AU(2, 3, 3)	451.5000	0.000000
DEM_C_AU(2, 3, 4)	430.5000	0.000000
DEM_C_AU(2, 4, 1)	388.5000	0.000000
DEM_C_AU(2, 4, 2)	346.5000	0.000000
DEM_C_AU(2, 4, 3)	399.0000	0.000000
DEM_C_AU(2, 4, 4)	409.5000	0.000000
DEM_C_AU(2, 5, 1)	325.5000	0.000000
DEM_C_AU(2, 5, 2)	451.5000	0.000000
DEM_C_AU(2, 5, 3)	346.5000	0.000000
DEM_C_AU(2, 5, 4)	346.5000	0.000000
DEM_C_AU(2, 6, 1)	283.5000	0.000000
DEM_C_AU(2, 6, 2)	462.0000	0.000000
DEM_C_AU(2, 6, 3)	336.0000	0.000000
DEM_C_AU(2, 6, 4)	241.5000	0.000000
DEM_C_AU(2, 7, 1)	252.0000	0.000000
DEM_C_AU(2, 7, 2)	315.0000	0.000000
DEM_C_AU(2, 7, 3)	315.0000	0.000000
DEM_C_AU(2, 7, 4)	189.0000	0.000000
DEM_C_AU(2, 8, 1)	283.5000	0.000000
DEM_C_AU(2, 8, 2)	462.0000	0.000000
DEM_C_AU(2, 8, 3)	241.5000	0.000000
DEM_C_AU(2, 8, 4)	441.0000	0.000000
DEM_C_AU(2, 9, 1)	378.0000	0.000000
DEM_C_AU(2, 9, 2)	262.5000	0.000000
DEM_C_AU(2, 9, 3)	399.0000	0.000000
DEM_C_AU(2, 9, 4)	294.0000	0.000000
DEM_C_AU(2, 10, 1)	357.0000	0.000000
DEM_C_AU(2, 10, 2)	336.0000	0.000000
DEM_C_AU(2, 10, 3)	346.5000	0.000000
DEM_C_AU(2, 10, 4)	199.5000	0.000000
DEM_C_AU(3, 1, 1)	399.0000	0.000000
DEM_C_AU(3, 1, 2)	294.0000	0.000000
DEM_C_AU(3, 1, 3)	367.5000	0.000000
DEM_C_AU(3, 1, 4)	325.5000	0.000000
DEM_C_AU(3, 2, 1)	252.0000	0.000000
DEM_C_AU(3, 2, 2)	399.0000	0.000000

DEM_C_AU(3, 2, 3)	430.5000	0.000000
DEM_C_AU(3, 2, 4)	220.5000	0.000000
DEM_C_AU(3, 3, 1)	283.5000	0.000000
DEM_C_AU(3, 3, 2)	315.0000	0.000000
DEM_C_AU(3, 3, 3)	420.0000	0.000000
DEM_C_AU(3, 3, 4)	231.0000	0.000000
DEM_C_AU(3, 4, 1)	420.0000	0.000000
DEM_C_AU(3, 4, 2)	231.0000	0.000000
DEM_C_AU(3, 4, 3)	409.5000	0.000000
DEM_C_AU(3, 4, 4)	451.5000	0.000000
DEM_C_AU(3, 5, 1)	336.0000	0.000000
DEM_C_AU(3, 5, 2)	336.0000	0.000000
DEM_C_AU(3, 5, 3)	378.0000	0.000000
DEM_C_AU(3, 5, 4)	294.0000	0.000000
DEM_C_AU(3, 6, 1)	430.5000	0.000000
DEM_C_AU(3, 6, 2)	451.5000	0.000000
DEM_C_AU(3, 6, 3)	262.5000	0.000000
DEM_C_AU(3, 6, 4)	451.5000	0.000000
DEM_C_AU(3, 7, 1)	315.0000	0.000000
DEM_C_AU(3, 7, 2)	294.0000	0.000000
DEM_C_AU(3, 7, 3)	441.0000	0.000000
DEM_C_AU(3, 7, 4)	451.5000	0.000000
DEM_C_AU(3, 8, 1)	367.5000	0.000000
DEM_C_AU(3, 8, 2)	325.5000	0.000000
DEM_C_AU(3, 8, 3)	210.0000	0.000000
DEM_C_AU(3, 8, 4)	430.5000	0.000000
DEM_C_AU(3, 9, 1)	283.5000	0.000000
DEM_C_AU(3, 9, 2)	325.5000	0.000000
DEM_C_AU(3, 9, 3)	304.5000	0.000000
DEM_C_AU(3, 9, 4)	409.5000	0.000000
DEM_C_AU(3, 10, 1)	273.0000	0.000000
DEM_C_AU(3, 10, 2)	178.5000	0.000000
DEM_C_AU(3, 10, 3)	420.0000	0.000000
DEM_C_AU(3, 10, 4)	315.0000	0.000000
DEM_C_AU(4, 1, 1)	315.0000	0.000000
DEM_C_AU(4, 1, 2)	252.0000	0.000000
DEM_C_AU(4, 1, 3)	262.5000	0.000000
DEM_C_AU(4, 1, 4)	273.0000	0.000000
DEM_C_AU(4, 2, 1)	294.0000	0.000000
DEM_C_AU(4, 2, 2)	462.0000	0.000000
DEM_C_AU(4, 2, 3)	294.0000	0.000000
DEM_C_AU(4, 2, 4)	346.5000	0.000000
DEM_C_AU(4, 3, 1)	273.0000	0.000000
DEM_C_AU(4, 3, 2)	283.5000	0.000000
DEM_C_AU(4, 3, 3)	283.5000	0.000000
DEM_C_AU(4, 3, 4)	357.0000	0.000000
DEM_C_AU(4, 4, 1)	231.0000	0.000000
DEM_C_AU(4, 4, 2)	388.5000	0.000000
DEM_C_AU(4, 4, 3)	304.5000	0.000000
DEM_C_AU(4, 4, 4)	241.5000	0.000000
DEM_C_AU(4, 5, 1)	304.5000	0.000000
DEM_C_AU(4, 5, 2)	315.0000	0.000000
DEM_C_AU(4, 5, 3)	388.5000	0.000000
DEM_C_AU(4, 5, 4)	336.0000	0.000000
DEM_C_AU(4, 6, 1)	357.0000	0.000000
DEM_C_AU(4, 6, 2)	294.0000	0.000000
DEM_C_AU(4, 6, 3)	231.0000	0.000000
DEM_C_AU(4, 6, 4)	315.0000	0.000000
DEM_C_AU(4, 7, 1)	315.0000	0.000000
DEM_C_AU(4, 7, 2)	336.0000	0.000000
DEM_C_AU(4, 7, 3)	178.5000	0.000000
DEM_C_AU(4, 7, 4)	220.5000	0.000000
DEM_C_AU(4, 8, 1)	283.5000	0.000000
DEM_C_AU(4, 8, 2)	210.0000	0.000000
DEM_C_AU(4, 8, 3)	388.5000	0.000000
DEM_C_AU(4, 8, 4)	388.5000	0.000000

DEM_C_AU(4, 9, 1)	430.5000	0.000000
DEM_C_AU(4, 9, 2)	336.0000	0.000000
DEM_C_AU(4, 9, 3)	189.0000	0.000000
DEM_C_AU(4, 9, 4)	388.5000	0.000000
DEM_C_AU(4, 10, 1)	283.5000	0.000000
DEM_C_AU(4, 10, 2)	220.5000	0.000000
DEM_C_AU(4, 10, 3)	451.5000	0.000000
DEM_C_AU(4, 10, 4)	388.5000	0.000000
DEM_C_AL(1, 1, 1)	171.0000	0.000000
DEM_C_AL(1, 1, 2)	408.5000	0.000000
DEM_C_AL(1, 1, 3)	285.0000	0.000000
DEM_C_AL(1, 1, 4)	285.0000	0.000000
DEM_C_AL(1, 2, 1)	399.0000	0.000000
DEM_C_AL(1, 2, 2)	351.5000	0.000000
DEM_C_AL(1, 2, 3)	209.0000	0.000000
DEM_C_AL(1, 2, 4)	275.5000	0.000000
DEM_C_AL(1, 3, 1)	161.5000	0.000000
DEM_C_AL(1, 3, 2)	370.5000	0.000000
DEM_C_AL(1, 3, 3)	209.0000	0.000000
DEM_C_AL(1, 3, 4)	275.5000	0.000000
DEM_C_AL(1, 4, 1)	304.0000	0.000000
DEM_C_AL(1, 4, 2)	180.5000	0.000000
DEM_C_AL(1, 4, 3)	389.5000	0.000000
DEM_C_AL(1, 4, 4)	247.0000	0.000000
DEM_C_AL(1, 5, 1)	370.5000	0.000000
DEM_C_AL(1, 5, 2)	171.0000	0.000000
DEM_C_AL(1, 5, 3)	247.0000	0.000000
DEM_C_AL(1, 5, 4)	171.0000	0.000000
DEM_C_AL(1, 6, 1)	190.0000	0.000000
DEM_C_AL(1, 6, 2)	294.5000	0.000000
DEM_C_AL(1, 6, 3)	408.5000	0.000000
DEM_C_AL(1, 6, 4)	256.5000	0.000000
DEM_C_AL(1, 7, 1)	323.0000	0.000000
DEM_C_AL(1, 7, 2)	399.0000	0.000000
DEM_C_AL(1, 7, 3)	190.0000	0.000000
DEM_C_AL(1, 7, 4)	380.0000	0.000000
DEM_C_AL(1, 8, 1)	323.0000	0.000000
DEM_C_AL(1, 8, 2)	351.5000	0.000000
DEM_C_AL(1, 8, 3)	171.0000	0.000000
DEM_C_AL(1, 8, 4)	342.0000	0.000000
DEM_C_AL(1, 9, 1)	237.5000	0.000000
DEM_C_AL(1, 9, 2)	171.0000	0.000000
DEM_C_AL(1, 9, 3)	256.5000	0.000000
DEM_C_AL(1, 9, 4)	247.0000	0.000000
DEM_C_AL(1, 10, 1)	342.0000	0.000000
DEM_C_AL(1, 10, 2)	275.5000	0.000000
DEM_C_AL(1, 10, 3)	180.5000	0.000000
DEM_C_AL(1, 10, 4)	370.5000	0.000000
DEM_C_AL(2, 1, 1)	180.5000	0.000000
DEM_C_AL(2, 1, 2)	180.5000	0.000000
DEM_C_AL(2, 1, 3)	228.0000	0.000000
DEM_C_AL(2, 1, 4)	218.5000	0.000000
DEM_C_AL(2, 2, 1)	285.0000	0.000000
DEM_C_AL(2, 2, 2)	418.0000	0.000000
DEM_C_AL(2, 2, 3)	209.0000	0.000000
DEM_C_AL(2, 2, 4)	323.0000	0.000000
DEM_C_AL(2, 3, 1)	370.5000	0.000000
DEM_C_AL(2, 3, 2)	266.0000	0.000000
DEM_C_AL(2, 3, 3)	408.5000	0.000000
DEM_C_AL(2, 3, 4)	389.5000	0.000000
DEM_C_AL(2, 4, 1)	351.5000	0.000000
DEM_C_AL(2, 4, 2)	313.5000	0.000000
DEM_C_AL(2, 4, 3)	361.0000	0.000000
DEM_C_AL(2, 4, 4)	370.5000	0.000000
DEM_C_AL(2, 5, 1)	294.5000	0.000000
DEM_C_AL(2, 5, 2)	408.5000	0.000000

DEM_C_AL(2, 5, 3)	313.5000	0.000000
DEM_C_AL(2, 5, 4)	313.5000	0.000000
DEM_C_AL(2, 6, 1)	256.5000	0.000000
DEM_C_AL(2, 6, 2)	418.0000	0.000000
DEM_C_AL(2, 6, 3)	304.0000	0.000000
DEM_C_AL(2, 6, 4)	218.5000	0.000000
DEM_C_AL(2, 7, 1)	228.0000	0.000000
DEM_C_AL(2, 7, 2)	285.0000	0.000000
DEM_C_AL(2, 7, 3)	285.0000	0.000000
DEM_C_AL(2, 7, 4)	171.0000	0.000000
DEM_C_AL(2, 8, 1)	256.5000	0.000000
DEM_C_AL(2, 8, 2)	418.0000	0.000000
DEM_C_AL(2, 8, 3)	218.5000	0.000000
DEM_C_AL(2, 8, 4)	399.0000	0.000000
DEM_C_AL(2, 9, 1)	342.0000	0.000000
DEM_C_AL(2, 9, 2)	237.5000	0.000000
DEM_C_AL(2, 9, 3)	361.0000	0.000000
DEM_C_AL(2, 9, 4)	266.0000	0.000000
DEM_C_AL(2, 10, 1)	323.0000	0.000000
DEM_C_AL(2, 10, 2)	304.0000	0.000000
DEM_C_AL(2, 10, 3)	313.5000	0.000000
DEM_C_AL(2, 10, 4)	180.5000	0.000000
DEM_C_AL(3, 1, 1)	361.0000	0.000000
DEM_C_AL(3, 1, 2)	266.0000	0.000000
DEM_C_AL(3, 1, 3)	332.5000	0.000000
DEM_C_AL(3, 1, 4)	294.5000	0.000000
DEM_C_AL(3, 2, 1)	228.0000	0.000000
DEM_C_AL(3, 2, 2)	361.0000	0.000000
DEM_C_AL(3, 2, 3)	389.5000	0.000000
DEM_C_AL(3, 2, 4)	199.5000	0.000000
DEM_C_AL(3, 3, 1)	256.5000	0.000000
DEM_C_AL(3, 3, 2)	285.0000	0.000000
DEM_C_AL(3, 3, 3)	380.0000	0.000000
DEM_C_AL(3, 3, 4)	209.0000	0.000000
DEM_C_AL(3, 4, 1)	380.0000	0.000000
DEM_C_AL(3, 4, 2)	209.0000	0.000000
DEM_C_AL(3, 4, 3)	370.5000	0.000000
DEM_C_AL(3, 4, 4)	408.5000	0.000000
DEM_C_AL(3, 5, 1)	304.0000	0.000000
DEM_C_AL(3, 5, 2)	304.0000	0.000000
DEM_C_AL(3, 5, 3)	342.0000	0.000000
DEM_C_AL(3, 5, 4)	266.0000	0.000000
DEM_C_AL(3, 6, 1)	389.5000	0.000000
DEM_C_AL(3, 6, 2)	408.5000	0.000000
DEM_C_AL(3, 6, 3)	237.5000	0.000000
DEM_C_AL(3, 6, 4)	408.5000	0.000000
DEM_C_AL(3, 7, 1)	285.0000	0.000000
DEM_C_AL(3, 7, 2)	266.0000	0.000000
DEM_C_AL(3, 7, 3)	399.0000	0.000000
DEM_C_AL(3, 7, 4)	408.5000	0.000000
DEM_C_AL(3, 8, 1)	332.5000	0.000000
DEM_C_AL(3, 8, 2)	294.5000	0.000000
DEM_C_AL(3, 8, 3)	190.0000	0.000000
DEM_C_AL(3, 8, 4)	389.5000	0.000000
DEM_C_AL(3, 9, 1)	256.5000	0.000000
DEM_C_AL(3, 9, 2)	294.5000	0.000000
DEM_C_AL(3, 9, 3)	275.5000	0.000000
DEM_C_AL(3, 9, 4)	370.5000	0.000000
DEM_C_AL(3, 10, 1)	247.0000	0.000000
DEM_C_AL(3, 10, 2)	161.5000	0.000000
DEM_C_AL(3, 10, 3)	380.0000	0.000000
DEM_C_AL(3, 10, 4)	285.0000	0.000000
DEM_C_AL(4, 1, 1)	285.0000	0.000000
DEM_C_AL(4, 1, 2)	228.0000	0.000000
DEM_C_AL(4, 1, 3)	237.5000	0.000000
DEM_C_AL(4, 1, 4)	247.0000	0.000000

DEM_C_AL(4, 2, 1)	266.0000	0.000000
DEM_C_AL(4, 2, 2)	418.0000	0.000000
DEM_C_AL(4, 2, 3)	266.0000	0.000000
DEM_C_AL(4, 2, 4)	313.5000	0.000000
DEM_C_AL(4, 3, 1)	247.0000	0.000000
DEM_C_AL(4, 3, 2)	256.5000	0.000000
DEM_C_AL(4, 3, 3)	256.5000	0.000000
DEM_C_AL(4, 3, 4)	323.0000	0.000000
DEM_C_AL(4, 4, 1)	209.0000	0.000000
DEM_C_AL(4, 4, 2)	351.5000	0.000000
DEM_C_AL(4, 4, 3)	275.5000	0.000000
DEM_C_AL(4, 4, 4)	218.5000	0.000000
DEM_C_AL(4, 5, 1)	275.5000	0.000000
DEM_C_AL(4, 5, 2)	285.0000	0.000000
DEM_C_AL(4, 5, 3)	351.5000	0.000000
DEM_C_AL(4, 5, 4)	304.0000	0.000000
DEM_C_AL(4, 6, 1)	323.0000	0.000000
DEM_C_AL(4, 6, 2)	266.0000	0.000000
DEM_C_AL(4, 6, 3)	209.0000	0.000000
DEM_C_AL(4, 6, 4)	285.0000	0.000000
DEM_C_AL(4, 7, 1)	285.0000	0.000000
DEM_C_AL(4, 7, 2)	304.0000	0.000000
DEM_C_AL(4, 7, 3)	161.5000	0.000000
DEM_C_AL(4, 7, 4)	199.5000	0.000000
DEM_C_AL(4, 8, 1)	256.5000	0.000000
DEM_C_AL(4, 8, 2)	190.0000	0.000000
DEM_C_AL(4, 8, 3)	351.5000	0.000000
DEM_C_AL(4, 8, 4)	351.5000	0.000000
DEM_C_AL(4, 9, 1)	389.5000	0.000000
DEM_C_AL(4, 9, 2)	304.0000	0.000000
DEM_C_AL(4, 9, 3)	171.0000	0.000000
DEM_C_AL(4, 9, 4)	351.5000	0.000000
DEM_C_AL(4, 10, 1)	256.5000	0.000000
DEM_C_AL(4, 10, 2)	199.5000	0.000000
DEM_C_AL(4, 10, 3)	408.5000	0.000000
DEM_C_AL(4, 10, 4)	351.5000	0.000000
DEM_CV(1, 1, 1)	171.0000	0.000000
DEM_CV(1, 1, 2)	408.5000	0.000000
DEM_CV(1, 1, 3)	285.0000	0.000000
DEM_CV(1, 1, 4)	285.0000	0.000000
DEM_CV(1, 2, 1)	399.0000	0.000000
DEM_CV(1, 2, 2)	351.5000	0.000000
DEM_CV(1, 2, 3)	209.0000	0.000000
DEM_CV(1, 2, 4)	275.5000	0.000000
DEM_CV(1, 3, 1)	161.5000	0.000000
DEM_CV(1, 3, 2)	370.5000	0.000000
DEM_CV(1, 3, 3)	209.0000	0.000000
DEM_CV(1, 3, 4)	275.5000	0.000000
DEM_CV(1, 4, 1)	304.0000	0.000000
DEM_CV(1, 4, 2)	180.5000	0.000000
DEM_CV(1, 4, 3)	389.5000	0.000000
DEM_CV(1, 4, 4)	247.0000	0.000000
DEM_CV(1, 5, 1)	370.5000	0.000000
DEM_CV(1, 5, 2)	171.0000	0.000000
DEM_CV(1, 5, 3)	247.0000	0.000000
DEM_CV(1, 5, 4)	171.0000	0.000000
DEM_CV(1, 6, 1)	190.0000	0.000000
DEM_CV(1, 6, 2)	294.5000	0.000000
DEM_CV(1, 6, 3)	408.5000	0.000000
DEM_CV(1, 6, 4)	256.5000	0.000000
DEM_CV(1, 7, 1)	323.0000	0.000000
DEM_CV(1, 7, 2)	399.0000	0.000000
DEM_CV(1, 7, 3)	190.0000	0.000000
DEM_CV(1, 7, 4)	380.0000	0.000000
DEM_CV(1, 8, 1)	323.0000	0.000000
DEM_CV(1, 8, 2)	351.5000	0.000000

DEM_CV(1, 8, 3)	171.0000	0.000000
DEM_CV(1, 8, 4)	342.0000	0.000000
DEM_CV(1, 9, 1)	237.5000	0.000000
DEM_CV(1, 9, 2)	171.0000	0.000000
DEM_CV(1, 9, 3)	256.5000	0.000000
DEM_CV(1, 9, 4)	247.0000	0.000000
DEM_CV(1, 10, 1)	342.0000	0.000000
DEM_CV(1, 10, 2)	275.5000	0.000000
DEM_CV(1, 10, 3)	180.5000	0.000000
DEM_CV(1, 10, 4)	370.5000	0.000000
DEM_CV(2, 1, 1)	180.5000	0.000000
DEM_CV(2, 1, 2)	180.5000	0.000000
DEM_CV(2, 1, 3)	228.0000	0.000000
DEM_CV(2, 1, 4)	218.5000	0.000000
DEM_CV(2, 2, 1)	285.0000	0.000000
DEM_CV(2, 2, 2)	418.0000	0.000000
DEM_CV(2, 2, 3)	209.0000	0.000000
DEM_CV(2, 2, 4)	323.0000	0.000000
DEM_CV(2, 3, 1)	370.5000	0.000000
DEM_CV(2, 3, 2)	266.0000	0.000000
DEM_CV(2, 3, 3)	408.5000	0.000000
DEM_CV(2, 3, 4)	389.5000	0.000000
DEM_CV(2, 4, 1)	351.5000	0.000000
DEM_CV(2, 4, 2)	313.5000	0.000000
DEM_CV(2, 4, 3)	361.0000	0.000000
DEM_CV(2, 4, 4)	370.5000	0.000000
DEM_CV(2, 5, 1)	294.5000	0.000000
DEM_CV(2, 5, 2)	408.5000	0.000000
DEM_CV(2, 5, 3)	313.5000	0.000000
DEM_CV(2, 5, 4)	313.5000	0.000000
DEM_CV(2, 6, 1)	256.5000	0.000000
DEM_CV(2, 6, 2)	418.0000	0.000000
DEM_CV(2, 6, 3)	304.0000	0.000000
DEM_CV(2, 6, 4)	218.5000	0.000000
DEM_CV(2, 7, 1)	228.0000	0.000000
DEM_CV(2, 7, 2)	285.0000	0.000000
DEM_CV(2, 7, 3)	285.0000	0.000000
DEM_CV(2, 7, 4)	171.0000	0.000000
DEM_CV(2, 8, 1)	256.5000	0.000000
DEM_CV(2, 8, 2)	418.0000	0.000000
DEM_CV(2, 8, 3)	218.5000	0.000000
DEM_CV(2, 8, 4)	399.0000	0.000000
DEM_CV(2, 9, 1)	342.0000	0.000000
DEM_CV(2, 9, 2)	237.5000	0.000000
DEM_CV(2, 9, 3)	361.0000	0.000000
DEM_CV(2, 9, 4)	266.0000	0.000000
DEM_CV(2, 10, 1)	323.0000	0.000000
DEM_CV(2, 10, 2)	304.0000	0.000000
DEM_CV(2, 10, 3)	313.5000	0.000000
DEM_CV(2, 10, 4)	180.5000	0.000000
DEM_CV(3, 1, 1)	361.0000	0.000000
DEM_CV(3, 1, 2)	266.0000	0.000000
DEM_CV(3, 1, 3)	332.5000	0.000000
DEM_CV(3, 1, 4)	294.5000	0.000000
DEM_CV(3, 2, 1)	228.0000	0.000000
DEM_CV(3, 2, 2)	361.0000	0.000000
DEM_CV(3, 2, 3)	389.5000	0.000000
DEM_CV(3, 2, 4)	199.5000	0.000000
DEM_CV(3, 3, 1)	256.5000	0.000000
DEM_CV(3, 3, 2)	285.0000	0.000000
DEM_CV(3, 3, 3)	380.0000	0.000000
DEM_CV(3, 3, 4)	209.0000	0.000000
DEM_CV(3, 4, 1)	380.0000	0.000000
DEM_CV(3, 4, 2)	209.0000	0.000000
DEM_CV(3, 4, 3)	370.5000	0.000000
DEM_CV(3, 4, 4)	408.5000	0.000000

DEM_CV(3, 5, 1)	304.0000	0.000000
DEM_CV(3, 5, 2)	304.0000	0.000000
DEM_CV(3, 5, 3)	342.0000	0.000000
DEM_CV(3, 5, 4)	266.0000	0.000000
DEM_CV(3, 6, 1)	389.5000	0.000000
DEM_CV(3, 6, 2)	408.5000	0.000000
DEM_CV(3, 6, 3)	237.5000	0.000000
DEM_CV(3, 6, 4)	408.5000	0.000000
DEM_CV(3, 7, 1)	285.0000	0.000000
DEM_CV(3, 7, 2)	266.0000	0.000000
DEM_CV(3, 7, 3)	399.0000	0.000000
DEM_CV(3, 7, 4)	408.5000	0.000000
DEM_CV(3, 8, 1)	332.5000	0.000000
DEM_CV(3, 8, 2)	294.5000	0.000000
DEM_CV(3, 8, 3)	190.0000	0.000000
DEM_CV(3, 8, 4)	389.5000	0.000000
DEM_CV(3, 9, 1)	256.5000	0.000000
DEM_CV(3, 9, 2)	294.5000	0.000000
DEM_CV(3, 9, 3)	275.5000	0.000000
DEM_CV(3, 9, 4)	370.5000	0.000000
DEM_CV(3, 10, 1)	247.0000	0.000000
DEM_CV(3, 10, 2)	161.5000	0.000000
DEM_CV(3, 10, 3)	380.0000	0.000000
DEM_CV(3, 10, 4)	285.0000	0.000000
DEM_CV(4, 1, 1)	285.0000	0.000000
DEM_CV(4, 1, 2)	228.0000	0.000000
DEM_CV(4, 1, 3)	237.5000	0.000000
DEM_CV(4, 1, 4)	247.0000	0.000000
DEM_CV(4, 2, 1)	266.0000	0.000000
DEM_CV(4, 2, 2)	418.0000	0.000000
DEM_CV(4, 2, 3)	266.0000	0.000000
DEM_CV(4, 2, 4)	313.5000	0.000000
DEM_CV(4, 3, 1)	247.0000	0.000000
DEM_CV(4, 3, 2)	256.5000	0.000000
DEM_CV(4, 3, 3)	256.5000	0.000000
DEM_CV(4, 3, 4)	323.0000	0.000000
DEM_CV(4, 4, 1)	209.0000	0.000000
DEM_CV(4, 4, 2)	351.5000	0.000000
DEM_CV(4, 4, 3)	275.5000	0.000000
DEM_CV(4, 4, 4)	218.5000	0.000000
DEM_CV(4, 5, 1)	275.5000	0.000000
DEM_CV(4, 5, 2)	285.0000	0.000000
DEM_CV(4, 5, 3)	351.5000	0.000000
DEM_CV(4, 5, 4)	304.0000	0.000000
DEM_CV(4, 6, 1)	323.0000	0.000000
DEM_CV(4, 6, 2)	266.0000	0.000000
DEM_CV(4, 6, 3)	209.0000	0.000000
DEM_CV(4, 6, 4)	285.0000	0.000000
DEM_CV(4, 7, 1)	285.0000	0.000000
DEM_CV(4, 7, 2)	304.0000	0.000000
DEM_CV(4, 7, 3)	161.5000	0.000000
DEM_CV(4, 7, 4)	199.5000	0.000000
DEM_CV(4, 8, 1)	256.5000	0.000000
DEM_CV(4, 8, 2)	190.0000	0.000000
DEM_CV(4, 8, 3)	351.5000	0.000000
DEM_CV(4, 8, 4)	351.5000	0.000000
DEM_CV(4, 9, 1)	389.5000	0.000000
DEM_CV(4, 9, 2)	304.0000	0.000000
DEM_CV(4, 9, 3)	171.0000	0.000000
DEM_CV(4, 9, 4)	351.5000	0.000000
DEM_CV(4, 10, 1)	256.5000	0.000000
DEM_CV(4, 10, 2)	199.5000	0.000000
DEM_CV(4, 10, 3)	408.5000	0.000000
DEM_CV(4, 10, 4)	351.5000	0.000000
SIG_RU(1, 1)	0.000000	0.000000
SIG_RU(1, 2)	0.1000000	0.000000

SIG_RU(1, 3)	0.2000000	0.0000000
SIG_RU(1, 4)	0.2000000	0.0000000
SIG_RU(2, 1)	0.0000000	0.0000000
SIG_RU(2, 2)	0.1000000	0.0000000
SIG_RU(2, 3)	0.2000000	0.0000000
SIG_RU(2, 4)	0.1000000	0.0000000
SIG_RU(3, 1)	0.0000000	0.0000000
SIG_RU(3, 2)	0.2000000	0.0000000
SIG_RU(3, 3)	0.3000000	0.0000000
SIG_RU(3, 4)	0.3000000	0.0000000
SIG_RU(4, 1)	0.0000000	0.0000000
SIG_RU(4, 2)	0.3000000	0.0000000
SIG_RU(4, 3)	0.3000000	0.0000000
SIG_RU(4, 4)	0.1000000	0.0000000
PHI_A(1, 1)	0.7200000	0.0000000
PHI_A(1, 2)	1.0000000	0.0000000
PHI_A(1, 3)	0.0000000	0.0000000
PHI_A(1, 4)	2.4000000	0.0000000
PHI_A(2, 1)	0.3000000	0.0000000
PHI_A(2, 2)	0.0000000	0.0000000
PHI_A(2, 3)	1.0000000	0.0000000
PHI_A(2, 4)	1.3000000	0.0000000
PHI_A(3, 1)	0.4500000	0.0000000
PHI_A(3, 2)	1.0000000	0.0000000
PHI_A(3, 3)	0.0000000	0.0000000
PHI_A(3, 4)	0.8500000	0.0000000
PHI_A(4, 1)	0.1500000	0.0000000
PHI_A(4, 2)	0.0000000	0.0000000
PHI_A(4, 3)	1.0000000	0.0000000
PHI_A(4, 4)	0.6000000	0.0000000
C_IRP(1, 1, 1)	0.2000000E-01	0.0000000
C_IRP(1, 1, 2)	0.2000000E-01	0.0000000
C_IRP(1, 1, 3)	0.2000000E-01	0.0000000
C_IRP(1, 1, 4)	0.2000000E-01	0.0000000
C_IRP(1, 2, 1)	0.3000000E-01	0.0000000
C_IRP(1, 2, 2)	0.3000000E-01	0.0000000
C_IRP(1, 2, 3)	0.3000000E-01	0.0000000
C_IRP(1, 2, 4)	0.3000000E-01	0.0000000
C_IRP(2, 1, 1)	0.2000000	0.0000000
C_IRP(2, 1, 2)	0.2300000	0.0000000
C_IRP(2, 1, 3)	0.2600000	0.0000000
C_IRP(2, 1, 4)	0.2800000	0.0000000
C_IRP(2, 2, 1)	0.3000000	0.0000000
C_IRP(2, 2, 2)	0.3000000	0.0000000
C_IRP(2, 2, 3)	0.3500000	0.0000000
C_IRP(2, 2, 4)	0.3500000	0.0000000
C_IRP(3, 1, 1)	0.5000000E-01	0.0000000
C_IRP(3, 1, 2)	0.6000000E-01	0.0000000
C_IRP(3, 1, 3)	0.7000000E-01	0.0000000
C_IRP(3, 1, 4)	0.8000000E-01	0.0000000
C_IRP(3, 2, 1)	0.4000000E-01	0.0000000
C_IRP(3, 2, 2)	0.5000000E-01	0.0000000
C_IRP(3, 2, 3)	0.5000000E-01	0.0000000
C_IRP(3, 2, 4)	0.6000000E-01	0.0000000
C_IRP(4, 1, 1)	0.1000000E-01	0.0000000
C_IRP(4, 1, 2)	0.1000000E-01	0.0000000
C_IRP(4, 1, 3)	0.1000000E-01	0.0000000
C_IRP(4, 1, 4)	0.1000000E-01	0.0000000
C_IRP(4, 2, 1)	0.2000000E-01	0.0000000
C_IRP(4, 2, 2)	0.2000000E-01	0.0000000
C_IRP(4, 2, 3)	0.2000000E-01	0.0000000
C_IRP(4, 2, 4)	0.2000000E-01	0.0000000
C_IRP(5, 1, 1)	0.2000000E-01	0.0000000
C_IRP(5, 1, 2)	0.2000000E-01	0.0000000
C_IRP(5, 1, 3)	0.2000000E-01	0.0000000
C_IRP(5, 1, 4)	0.2000000E-01	0.0000000

C_IRP(5, 2, 1)	0.4000000E-01	0.000000
C_IRP(5, 2, 2)	0.4000000E-01	0.000000
C_IRP(5, 2, 3)	0.4000000E-01	0.000000
C_IRP(5, 2, 4)	0.5000000E-01	0.000000
C_IRP(6, 1, 1)	0.3000000E-01	0.000000
C_IRP(6, 1, 2)	0.4000000E-01	0.000000
C_IRP(6, 1, 3)	0.4000000E-01	0.000000
C_IRP(6, 1, 4)	0.5000000E-01	0.000000
C_IRP(6, 2, 1)	0.2000000E-01	0.000000
C_IRP(6, 2, 2)	0.2000000E-01	0.000000
C_IRP(6, 2, 3)	0.2000000E-01	0.000000
C_IRP(6, 2, 4)	0.2000000E-01	0.000000
INV_RPMAX(1, 1, 1)	1800.000	0.000000
INV_RPMAX(1, 1, 2)	1800.000	0.000000
INV_RPMAX(1, 1, 3)	1800.000	0.000000
INV_RPMAX(1, 1, 4)	1800.000	0.000000
INV_RPMAX(1, 2, 1)	3400.000	0.000000
INV_RPMAX(1, 2, 2)	3600.000	0.000000
INV_RPMAX(1, 2, 3)	3400.000	0.000000
INV_RPMAX(1, 2, 4)	3600.000	0.000000
INV_RPMAX(2, 1, 1)	3200.000	0.000000
INV_RPMAX(2, 1, 2)	3600.000	0.000000
INV_RPMAX(2, 1, 3)	3000.000	0.000000
INV_RPMAX(2, 1, 4)	3400.000	0.000000
INV_RPMAX(2, 2, 1)	2400.000	0.000000
INV_RPMAX(2, 2, 2)	2600.000	0.000000
INV_RPMAX(2, 2, 3)	2600.000	0.000000
INV_RPMAX(2, 2, 4)	2600.000	0.000000
INV_RPMAX(3, 1, 1)	2800.000	0.000000
INV_RPMAX(3, 1, 2)	3000.000	0.000000
INV_RPMAX(3, 1, 3)	2600.000	0.000000
INV_RPMAX(3, 1, 4)	3000.000	0.000000
INV_RPMAX(3, 2, 1)	2800.000	0.000000
INV_RPMAX(3, 2, 2)	3000.000	0.000000
INV_RPMAX(3, 2, 3)	3200.000	0.000000
INV_RPMAX(3, 2, 4)	2800.000	0.000000
INV_RPMAX(4, 1, 1)	2400.000	0.000000
INV_RPMAX(4, 1, 2)	2400.000	0.000000
INV_RPMAX(4, 1, 3)	2400.000	0.000000
INV_RPMAX(4, 1, 4)	2400.000	0.000000
INV_RPMAX(4, 2, 1)	3000.000	0.000000
INV_RPMAX(4, 2, 2)	3000.000	0.000000
INV_RPMAX(4, 2, 3)	3200.000	0.000000
INV_RPMAX(4, 2, 4)	3200.000	0.000000
INV_RPMAX(5, 1, 1)	1600.000	0.000000
INV_RPMAX(5, 1, 2)	1600.000	0.000000
INV_RPMAX(5, 1, 3)	1800.000	0.000000
INV_RPMAX(5, 1, 4)	1800.000	0.000000
INV_RPMAX(5, 2, 1)	2200.000	0.000000
INV_RPMAX(5, 2, 2)	2000.000	0.000000
INV_RPMAX(5, 2, 3)	2200.000	0.000000
INV_RPMAX(5, 2, 4)	2200.000	0.000000
INV_RPMAX(6, 1, 1)	3200.000	0.000000
INV_RPMAX(6, 1, 2)	3200.000	0.000000
INV_RPMAX(6, 1, 3)	3600.000	0.000000
INV_RPMAX(6, 1, 4)	3200.000	0.000000
INV_RPMAX(6, 2, 1)	2400.000	0.000000
INV_RPMAX(6, 2, 2)	2400.000	0.000000
INV_RPMAX(6, 2, 3)	2400.000	0.000000
INV_RPMAX(6, 2, 4)	2600.000	0.000000
INV_RP(1, 1, 1)	1535.520	0.000000
INV_RP(1, 1, 2)	1800.000	0.000000
INV_RP(1, 1, 3)	1800.000	0.000000
INV_RP(1, 1, 4)	1800.000	0.000000
INV_RP(1, 2, 1)	0.000000	0.1569697E-08
INV_RP(1, 2, 2)	1896.113	0.000000

INV_RP(1, 2, 3)	3400.000	0.000000
INV_RP(1, 2, 4)	3600.000	0.000000
INV_RP(2, 1, 1)	0.000000	0.1552605E-05
INV_RP(2, 1, 2)	0.000000	0.2676333E-07
INV_RP(2, 1, 3)	251.5036	0.000000
INV_RP(2, 1, 4)	0.000000	0.2177899E-05
INV_RP(2, 2, 1)	0.000000	0.1140479E-05
INV_RP(2, 2, 2)	0.000000	0.3408355E-06
INV_RP(2, 2, 3)	0.000000	0.2819176E-07
INV_RP(2, 2, 4)	0.000000	0.1894296E-05
INV_RP(3, 1, 1)	0.000000	0.1087800E-06
INV_RP(3, 1, 2)	888.6631	0.000000
INV_RP(3, 1, 3)	2397.159	0.000000
INV_RP(3, 1, 4)	3000.000	0.000000
INV_RP(3, 2, 1)	55.00000	0.000000
INV_RP(3, 2, 2)	347.9156	0.000000
INV_RP(3, 2, 3)	491.1674	0.000000
INV_RP(3, 2, 4)	1421.167	0.000000
INV_RP(4, 1, 1)	375.0000	0.000000
INV_RP(4, 1, 2)	951.0000	0.000000
INV_RP(4, 1, 3)	2400.000	0.000000
INV_RP(4, 1, 4)	2400.000	0.000000
INV_RP(4, 2, 1)	0.000000	0.3139394E-08
INV_RP(4, 2, 2)	431.5787	0.000000
INV_RP(4, 2, 3)	169.3268	0.000000
INV_RP(4, 2, 4)	2446.167	0.000000
INV_RP(5, 1, 1)	1600.000	0.000000
INV_RP(5, 1, 2)	1600.000	0.000000
INV_RP(5, 1, 3)	118.0000	0.000000
INV_RP(5, 1, 4)	1800.000	0.000000
INV_RP(5, 2, 1)	0.000000	-0.9418182E-08
INV_RP(5, 2, 2)	2000.000	0.000000
INV_RP(5, 2, 3)	2056.800	0.000000
INV_RP(5, 2, 4)	2200.000	0.000000
INV_RP(6, 1, 1)	0.000000	-0.3453334E-08
INV_RP(6, 1, 2)	877.9500	0.000000
INV_RP(6, 1, 3)	3244.950	0.000000
INV_RP(6, 1, 4)	3200.000	0.000000
INV_RP(6, 2, 1)	1321.720	0.000000
INV_RP(6, 2, 2)	770.9002	0.000000
INV_RP(6, 2, 3)	1638.100	0.000000
INV_RP(6, 2, 4)	2600.000	0.000000
C_TRP(1, 1, 1)	0.1158000	0.000000
C_TRP(1, 1, 2)	0.1818000	0.000000
C_TRP(1, 2, 1)	0.2400000	0.000000
C_TRP(1, 2, 2)	0.4884000	0.000000
C_TRP(2, 1, 1)	1.505400	0.000000
C_TRP(2, 1, 2)	2.363400	0.000000
C_TRP(2, 2, 1)	3.120000	0.000000
C_TRP(2, 2, 2)	6.349200	0.000000
C_TRP(3, 1, 1)	0.2702000	0.000000
C_TRP(3, 1, 2)	0.4242000	0.000000
C_TRP(3, 2, 1)	0.5600000	0.000000
C_TRP(3, 2, 2)	1.139600	0.000000
C_TRP(4, 1, 1)	0.7720000E-01	0.000000
C_TRP(4, 1, 2)	0.1212000	0.000000
C_TRP(4, 2, 1)	0.1600000	0.000000
C_TRP(4, 2, 2)	0.3256000	0.000000
C_TRP(5, 1, 1)	0.1930000	0.000000
C_TRP(5, 1, 2)	0.3030000	0.000000
C_TRP(5, 2, 1)	0.4000000	0.000000
C_TRP(5, 2, 2)	0.8140000	0.000000
C_TRP(6, 1, 1)	0.7720000E-01	0.000000
C_TRP(6, 1, 2)	0.1212000	0.000000
C_TRP(6, 2, 1)	0.1600000	0.000000
C_TRP(6, 2, 2)	0.3256000	0.000000

X_FRP(1, 1, 1, 1)	0.000000	0.1817709E-07
X_FRP(1, 1, 1, 2)	0.000000	0.1238004E-06
X_FRP(1, 1, 1, 3)	0.000000	0.4268848E-06
X_FRP(1, 1, 1, 4)	0.000000	0.4409493E-06
X_FRP(1, 1, 2, 1)	0.000000	0.2853709E-07
X_FRP(1, 1, 2, 2)	0.000000	0.000000
X_FRP(1, 1, 2, 3)	0.000000	0.000000
X_FRP(1, 1, 2, 4)	0.000000	0.000000
X_FRP(1, 2, 1, 1)	0.000000	0.3767273E-07
X_FRP(1, 2, 1, 2)	0.000000	-0.1695273E-07
X_FRP(1, 2, 1, 3)	0.000000	0.000000
X_FRP(1, 2, 1, 4)	0.000000	-0.1695273E-07
X_FRP(1, 2, 2, 1)	0.000000	0.7666400E-07
X_FRP(1, 2, 2, 2)	0.000000	0.000000
X_FRP(1, 2, 2, 3)	0.000000	0.000000
X_FRP(1, 2, 2, 4)	0.000000	0.000000
X_FRP(2, 1, 1, 1)	0.000000	0.1437579E-05
X_FRP(2, 1, 1, 2)	330.0000	0.000000
X_FRP(2, 1, 1, 3)	400.0000	0.000000
X_FRP(2, 1, 1, 4)	430.0000	0.000000
X_FRP(2, 1, 2, 1)	0.000000	0.1572259E-05
X_FRP(2, 1, 2, 2)	313.6406	0.000000
X_FRP(2, 1, 2, 3)	300.0000	0.000000
X_FRP(2, 1, 2, 4)	370.0000	0.000000
X_FRP(2, 2, 1, 1)	0.000000	0.2014729E-05
X_FRP(2, 2, 1, 2)	0.000000	0.000000
X_FRP(2, 2, 1, 3)	216.5036	0.000000
X_FRP(2, 2, 1, 4)	102.9292	0.000000
X_FRP(2, 2, 2, 1)	0.000000	0.2521616E-05
X_FRP(2, 2, 2, 2)	0.000000	0.4843285E-06
X_FRP(2, 2, 2, 3)	0.000000	0.7706798E-06
X_FRP(2, 2, 2, 4)	0.000000	0.8014773E-06
X_FRP(3, 1, 1, 1)	0.000000	0.4241321E-07
X_FRP(3, 1, 1, 2)	0.000000	0.1637649E-06
X_FRP(3, 1, 1, 3)	0.000000	0.1129322E-05
X_FRP(3, 1, 1, 4)	0.000000	0.1672996E-05
X_FRP(3, 1, 2, 1)	0.000000	0.6658655E-07
X_FRP(3, 1, 2, 2)	48.17971	0.000000
X_FRP(3, 1, 2, 3)	0.000000	0.6640429E-06
X_FRP(3, 1, 2, 4)	0.000000	0.1196791E-05
X_FRP(3, 2, 1, 1)	0.000000	0.8790304E-07
X_FRP(3, 2, 1, 2)	368.3989	0.000000
X_FRP(3, 2, 1, 3)	143.4964	0.000000
X_FRP(3, 2, 1, 4)	161.8405	0.000000
X_FRP(3, 2, 2, 1)	0.000000	0.1788827E-06
X_FRP(3, 2, 2, 2)	0.000000	0.1516327E-07
X_FRP(3, 2, 2, 3)	123.2518	0.000000
X_FRP(3, 2, 2, 4)	0.000000	0.1987236E-07
X_FRP(4, 1, 1, 1)	0.000000	0.1211806E-07
X_FRP(4, 1, 1, 2)	0.000000	0.1253073E-06
X_FRP(4, 1, 1, 3)	0.000000	0.4299614E-06
X_FRP(4, 1, 1, 4)	0.000000	0.4480091E-06
X_FRP(4, 1, 2, 1)	0.000000	0.1902473E-07
X_FRP(4, 1, 2, 2)	48.17971	0.000000
X_FRP(4, 1, 2, 3)	40.00000	0.000000
X_FRP(4, 1, 2, 4)	0.000000	0.2413496E-08
X_FRP(4, 2, 1, 1)	0.000000	0.2511515E-07
X_FRP(4, 2, 1, 2)	0.000000	-0.5902061E-08
X_FRP(4, 2, 1, 3)	0.000000	0.1240061E-07
X_FRP(4, 2, 1, 4)	0.000000	-0.2762667E-08
X_FRP(4, 2, 2, 1)	0.000000	0.5110934E-07
X_FRP(4, 2, 2, 2)	368.3989	0.000000
X_FRP(4, 2, 2, 3)	256.7482	0.000000
X_FRP(4, 2, 2, 4)	161.8405	0.000000
X_FRP(5, 1, 1, 1)	0.000000	0.3029515E-07
X_FRP(5, 1, 1, 2)	0.000000	0.8402431E-07

X_FRP(5, 1, 1, 3)	0.000000	0.3839692E-06
X_FRP(5, 1, 1, 4)	0.000000	0.4011731E-06
X_FRP(5, 1, 2, 1)	0.000000	0.4756182E-07
X_FRP(5, 1, 2, 2)	0.000000	0.000000
X_FRP(5, 1, 2, 3)	0.000000	0.000000
X_FRP(5, 1, 2, 4)	0.000000	0.000000
X_FRP(5, 2, 1, 1)	0.000000	0.6278788E-07
X_FRP(5, 2, 1, 2)	0.000000	-0.7581637E-07
X_FRP(5, 2, 1, 3)	0.000000	-0.6222279E-07
X_FRP(5, 2, 1, 4)	0.000000	-0.7581637E-07
X_FRP(5, 2, 2, 1)	0.000000	0.1277733E-06
X_FRP(5, 2, 2, 2)	0.000000	0.000000
X_FRP(5, 2, 2, 3)	0.000000	0.000000
X_FRP(5, 2, 2, 4)	0.000000	0.000000
X_FRP(6, 1, 1, 1)	0.000000	0.1211806E-07
X_FRP(6, 1, 1, 2)	0.000000	0.9585983E-07
X_FRP(6, 1, 1, 3)	0.000000	0.3958048E-06
X_FRP(6, 1, 1, 4)	0.000000	0.4067299E-06
X_FRP(6, 1, 2, 1)	0.000000	0.1902473E-07
X_FRP(6, 1, 2, 2)	0.000000	0.000000
X_FRP(6, 1, 2, 3)	0.000000	0.000000
X_FRP(6, 1, 2, 4)	0.000000	0.000000
X_FRP(6, 2, 1, 1)	0.000000	0.2511515E-07
X_FRP(6, 2, 1, 2)	0.000000	-0.3534958E-07
X_FRP(6, 2, 1, 3)	0.000000	-0.2175600E-07
X_FRP(6, 2, 1, 4)	0.000000	-0.4162837E-07
X_FRP(6, 2, 2, 1)	0.000000	0.5110934E-07
X_FRP(6, 2, 2, 2)	0.000000	0.000000
X_FRP(6, 2, 2, 3)	0.000000	0.000000
X_FRP(6, 2, 2, 4)	0.000000	0.000000
C_IRR(1, 1, 1)	0.3000000E-01	0.000000
C_IRR(1, 1, 2)	0.3000000E-01	0.000000
C_IRR(1, 1, 3)	0.3000000E-01	0.000000
C_IRR(1, 1, 4)	0.3000000E-01	0.000000
C_IRR(1, 2, 1)	0.4000000E-01	0.000000
C_IRR(1, 2, 2)	0.5000000E-01	0.000000
C_IRR(1, 2, 3)	0.6000000E-01	0.000000
C_IRR(1, 2, 4)	0.7000000E-01	0.000000
C_IRR(2, 1, 1)	0.3100000	0.000000
C_IRR(2, 1, 2)	0.3500000	0.000000
C_IRR(2, 1, 3)	0.3500000	0.000000
C_IRR(2, 1, 4)	0.4100000	0.000000
C_IRR(2, 2, 1)	0.4400000	0.000000
C_IRR(2, 2, 2)	0.5100000	0.000000
C_IRR(2, 2, 3)	0.5300000	0.000000
C_IRR(2, 2, 4)	0.5600000	0.000000
C_IRR(3, 1, 1)	0.7000000E-01	0.000000
C_IRR(3, 1, 2)	0.8000000E-01	0.000000
C_IRR(3, 1, 3)	0.9000000E-01	0.000000
C_IRR(3, 1, 4)	0.1000000	0.000000
C_IRR(3, 2, 1)	0.5000000E-01	0.000000
C_IRR(3, 2, 2)	0.6000000E-01	0.000000
C_IRR(3, 2, 3)	0.7000000E-01	0.000000
C_IRR(3, 2, 4)	0.7000000E-01	0.000000
C_IRR(4, 1, 1)	0.1000000E-01	0.000000
C_IRR(4, 1, 2)	0.1000000E-01	0.000000
C_IRR(4, 1, 3)	0.1000000E-01	0.000000
C_IRR(4, 1, 4)	0.1000000E-01	0.000000
C_IRR(4, 2, 1)	0.3000000E-01	0.000000
C_IRR(4, 2, 2)	0.4000000E-01	0.000000
C_IRR(4, 2, 3)	0.4000000E-01	0.000000
C_IRR(4, 2, 4)	0.5000000E-01	0.000000
C_IRR(5, 1, 1)	0.3000000E-01	0.000000
C_IRR(5, 1, 2)	0.3000000E-01	0.000000
C_IRR(5, 1, 3)	0.4000000E-01	0.000000
C_IRR(5, 1, 4)	0.4000000E-01	0.000000

C_IRR(5, 2, 1)	0.5000000E-01	0.000000
C_IRR(5, 2, 2)	0.5000000E-01	0.000000
C_IRR(5, 2, 3)	0.5000000E-01	0.000000
C_IRR(5, 2, 4)	0.6000000E-01	0.000000
C_IRR(6, 1, 1)	0.4000000E-01	0.000000
C_IRR(6, 1, 2)	0.4000000E-01	0.000000
C_IRR(6, 1, 3)	0.5000000E-01	0.000000
C_IRR(6, 1, 4)	0.6000000E-01	0.000000
C_IRR(6, 2, 1)	0.3000000E-01	0.000000
C_IRR(6, 2, 2)	0.3000000E-01	0.000000
C_IRR(6, 2, 3)	0.3000000E-01	0.000000
C_IRR(6, 2, 4)	0.3000000E-01	0.000000
INV_RRMAX(1, 1, 1)	40.00000	0.000000
INV_RRMAX(1, 1, 2)	40.00000	0.000000
INV_RRMAX(1, 1, 3)	40.00000	0.000000
INV_RRMAX(1, 1, 4)	40.00000	0.000000
INV_RRMAX(1, 2, 1)	60.00000	0.000000
INV_RRMAX(1, 2, 2)	60.00000	0.000000
INV_RRMAX(1, 2, 3)	60.00000	0.000000
INV_RRMAX(1, 2, 4)	60.00000	0.000000
INV_RRMAX(2, 1, 1)	70.00000	0.000000
INV_RRMAX(2, 1, 2)	70.00000	0.000000
INV_RRMAX(2, 1, 3)	70.00000	0.000000
INV_RRMAX(2, 1, 4)	70.00000	0.000000
INV_RRMAX(2, 2, 1)	60.00000	0.000000
INV_RRMAX(2, 2, 2)	60.00000	0.000000
INV_RRMAX(2, 2, 3)	60.00000	0.000000
INV_RRMAX(2, 2, 4)	60.00000	0.000000
INV_RRMAX(3, 1, 1)	80.00000	0.000000
INV_RRMAX(3, 1, 2)	80.00000	0.000000
INV_RRMAX(3, 1, 3)	80.00000	0.000000
INV_RRMAX(3, 1, 4)	80.00000	0.000000
INV_RRMAX(3, 2, 1)	60.00000	0.000000
INV_RRMAX(3, 2, 2)	60.00000	0.000000
INV_RRMAX(3, 2, 3)	60.00000	0.000000
INV_RRMAX(3, 2, 4)	60.00000	0.000000
INV_RRMAX(4, 1, 1)	40.00000	0.000000
INV_RRMAX(4, 1, 2)	40.00000	0.000000
INV_RRMAX(4, 1, 3)	40.00000	0.000000
INV_RRMAX(4, 1, 4)	40.00000	0.000000
INV_RRMAX(4, 2, 1)	70.00000	0.000000
INV_RRMAX(4, 2, 2)	70.00000	0.000000
INV_RRMAX(4, 2, 3)	70.00000	0.000000
INV_RRMAX(4, 2, 4)	70.00000	0.000000
INV_RRMAX(5, 1, 1)	40.00000	0.000000
INV_RRMAX(5, 1, 2)	40.00000	0.000000
INV_RRMAX(5, 1, 3)	40.00000	0.000000
INV_RRMAX(5, 1, 4)	40.00000	0.000000
INV_RRMAX(5, 2, 1)	50.00000	0.000000
INV_RRMAX(5, 2, 2)	50.00000	0.000000
INV_RRMAX(5, 2, 3)	50.00000	0.000000
INV_RRMAX(5, 2, 4)	50.00000	0.000000
INV_RRMAX(6, 1, 1)	70.00000	0.000000
INV_RRMAX(6, 1, 2)	70.00000	0.000000
INV_RRMAX(6, 1, 3)	70.00000	0.000000
INV_RRMAX(6, 1, 4)	70.00000	0.000000
INV_RRMAX(6, 2, 1)	60.00000	0.000000
INV_RRMAX(6, 2, 2)	60.00000	0.000000
INV_RRMAX(6, 2, 3)	60.00000	0.000000
INV_RRMAX(6, 2, 4)	60.00000	0.000000
INV_RR(1, 1, 1)	0.000000	0.7012337E-05
INV_RR(1, 1, 2)	0.000000	0.6804698E-06
INV_RR(1, 1, 3)	0.000000	-0.7004687E-08
INV_RR(1, 1, 4)	0.000000	-0.7666965E-05
INV_RR(1, 2, 1)	0.000000	0.6576599E-05
INV_RR(1, 2, 2)	0.000000	0.2900497E-06

INV_RR(1, 2, 3)	0.000000	-0.2931891E-06
INV_RR(1, 2, 4)	0.000000	-0.6538926E-05
INV_RR(2, 1, 1)	0.000000	0.000000
INV_RR(2, 1, 2)	0.000000	0.1029154E-05
INV_RR(2, 1, 3)	0.000000	0.3217495E-07
INV_RR(2, 1, 4)	0.000000	0.3628449E-06
INV_RR(2, 2, 1)	0.000000	0.000000
INV_RR(2, 2, 2)	0.000000	0.3743582E-06
INV_RR(2, 2, 3)	60.00000	0.000000
INV_RR(2, 2, 4)	0.000000	0.1732105E-05
INV_RR(3, 1, 1)	0.000000	0.5881240E-06
INV_RR(3, 1, 2)	0.000000	0.2113602E-07
INV_RR(3, 1, 3)	80.00000	0.000000
INV_RR(3, 1, 4)	80.00000	0.000000
INV_RR(3, 2, 1)	0.000000	0.1966830E-06
INV_RR(3, 2, 2)	0.000000	0.3036433E-06
INV_RR(3, 2, 3)	60.00000	0.000000
INV_RR(3, 2, 4)	60.00000	0.000000
INV_RR(4, 1, 1)	0.000000	0.5154470E-06
INV_RR(4, 1, 2)	0.000000	0.6789001E-06
INV_RR(4, 1, 3)	40.00000	0.000000
INV_RR(4, 1, 4)	40.00000	0.000000
INV_RR(4, 2, 1)	0.000000	0.6523661E-07
INV_RR(4, 2, 2)	0.000000	0.2900497E-06
INV_RR(4, 2, 3)	70.00000	0.000000
INV_RR(4, 2, 4)	70.00000	0.000000
INV_RR(5, 1, 1)	0.000000	0.4597339E-05
INV_RR(5, 1, 2)	0.000000	0.6600638E-06
INV_RR(5, 1, 3)	0.000000	0.3983193E-08
INV_RR(5, 1, 4)	0.000000	-0.5239410E-05
INV_RR(5, 2, 1)	0.000000	0.4195255E-05
INV_RR(5, 2, 2)	0.000000	0.2696437E-06
INV_RR(5, 2, 3)	0.000000	-0.2853407E-06
INV_RR(5, 2, 4)	0.000000	-0.4146594E-05
INV_RR(6, 1, 1)	0.000000	0.2381680E-05
INV_RR(6, 1, 2)	0.000000	0.6836092E-06
INV_RR(6, 1, 3)	0.000000	0.8692284E-08
INV_RR(6, 1, 4)	0.000000	-0.3044157E-05
INV_RR(6, 2, 1)	0.000000	0.1926760E-05
INV_RR(6, 2, 2)	0.000000	0.2884801E-06
INV_RR(6, 2, 3)	0.000000	-0.2853407E-06
INV_RR(6, 2, 4)	0.000000	-0.1911064E-05
X_QR(1, 1, 1)	0.000000	0.000000
X_QR(1, 1, 2)	0.000000	0.000000
X_QR(1, 1, 3)	0.000000	0.000000
X_QR(1, 1, 4)	0.000000	0.000000
X_QR(1, 2, 1)	0.000000	0.000000
X_QR(1, 2, 2)	0.000000	0.000000
X_QR(1, 2, 3)	0.000000	0.000000
X_QR(1, 2, 4)	0.000000	0.000000
X_QR(2, 1, 1)	0.000000	0.000000
X_QR(2, 1, 2)	643.6406	0.000000
X_QR(2, 1, 3)	700.0000	0.000000
X_QR(2, 1, 4)	800.0000	0.000000
X_QR(2, 2, 1)	0.000000	0.000000
X_QR(2, 2, 2)	0.000000	0.000000
X_QR(2, 2, 3)	276.5036	0.000000
X_QR(2, 2, 4)	42.92918	0.000000
X_QR(3, 1, 1)	0.000000	0.000000
X_QR(3, 1, 2)	48.17971	0.000000
X_QR(3, 1, 3)	80.00000	0.000000
X_QR(3, 1, 4)	0.000000	0.000000
X_QR(3, 2, 1)	0.000000	0.000000
X_QR(3, 2, 2)	368.3989	0.000000
X_QR(3, 2, 3)	326.7482	0.000000
X_QR(3, 2, 4)	161.8405	0.000000

X_QR(4, 1, 1)	0.000000	0.000000
X_QR(4, 1, 2)	48.17971	0.000000
X_QR(4, 1, 3)	80.00000	0.000000
X_QR(4, 1, 4)	0.000000	0.000000
X_QR(4, 2, 1)	0.000000	0.000000
X_QR(4, 2, 2)	368.3989	0.000000
X_QR(4, 2, 3)	326.7482	0.000000
X_QR(4, 2, 4)	161.8405	0.000000
X_QR(5, 1, 1)	0.000000	0.000000
X_QR(5, 1, 2)	0.000000	0.000000
X_QR(5, 1, 3)	0.000000	0.000000
X_QR(5, 1, 4)	0.000000	0.000000
X_QR(5, 2, 1)	0.000000	0.000000
X_QR(5, 2, 2)	0.000000	0.000000
X_QR(5, 2, 3)	0.000000	0.000000
X_QR(5, 2, 4)	0.000000	0.000000
X_QR(6, 1, 1)	0.000000	0.000000
X_QR(6, 1, 2)	0.000000	0.000000
X_QR(6, 1, 3)	0.000000	0.000000
X_QR(6, 1, 4)	0.000000	0.000000
X_QR(6, 2, 1)	0.000000	0.000000
X_QR(6, 2, 2)	0.000000	0.000000
X_QR(6, 2, 3)	0.000000	0.000000
X_QR(6, 2, 4)	0.000000	0.000000
S_SUP(1, 1)	0.8135000	0.000000
S_SUP(1, 2)	0.1867000	0.000000
S_SUP(1, 3)	0.000000	0.000000
S_SUP(1, 4)	0.000000	0.000000
S_SUP(1, 5)	0.000000	0.000000
S_SUP(1, 6)	0.000000	0.000000
S_SUP(1, 7)	0.000000	0.000000
S_SUP(1, 8)	0.000000	0.000000
S_SUP(1, 9)	0.000000	0.000000
S_SUP(2, 1)	0.000000	0.000000
S_SUP(2, 2)	0.000000	0.000000
S_SUP(2, 3)	0.7584000	0.000000
S_SUP(2, 4)	0.2649000	0.000000
S_SUP(2, 5)	0.9741000	0.000000
S_SUP(2, 6)	0.8360000E-01	0.000000
S_SUP(2, 7)	0.000000	0.000000
S_SUP(2, 8)	0.000000	0.000000
S_SUP(2, 9)	0.000000	0.000000
S_SUP(3, 1)	0.000000	0.000000
S_SUP(3, 2)	0.000000	0.000000
S_SUP(3, 3)	0.7584000	0.000000
S_SUP(3, 4)	0.2649000	0.000000
S_SUP(3, 5)	0.9741000	0.000000
S_SUP(3, 6)	0.8360000E-01	0.000000
S_SUP(3, 7)	0.000000	0.000000
S_SUP(3, 8)	0.000000	0.000000
S_SUP(3, 9)	0.000000	0.000000
S_SUP(4, 1)	0.000000	0.000000
S_SUP(4, 2)	0.000000	0.000000
S_SUP(4, 3)	0.7584000	0.000000
S_SUP(4, 4)	0.2649000	0.000000
S_SUP(4, 5)	0.9741000	0.000000
S_SUP(4, 6)	0.8360000E-01	0.000000
S_SUP(4, 7)	0.000000	0.000000
S_SUP(4, 8)	0.000000	0.000000
S_SUP(4, 9)	0.000000	0.000000
S_SUP(5, 1)	0.000000	0.000000
S_SUP(5, 2)	0.000000	0.000000
S_SUP(5, 3)	0.000000	0.000000
S_SUP(5, 4)	0.000000	0.000000
S_SUP(5, 5)	0.000000	0.000000
S_SUP(5, 6)	0.000000	0.000000

S_SUP(5, 7)	0.5182000	0.000000
S_SUP(5, 8)	0.8397000	0.000000
S_SUP(5, 9)	0.1897000	0.000000
S_SUP(6, 1)	0.000000	0.000000
S_SUP(6, 2)	0.000000	0.000000
S_SUP(6, 3)	0.000000	0.000000
S_SUP(6, 4)	0.000000	0.000000
S_SUP(6, 5)	0.000000	0.000000
S_SUP(6, 6)	0.000000	0.000000
S_SUP(6, 7)	0.5182000	0.000000
S_SUP(6, 8)	0.8397000	0.000000
S_SUP(6, 9)	0.1897000	0.000000
C_FS(1, 1, 1)	1100.000	0.000000
C_FS(1, 1, 2)	1200.000	0.000000
C_FS(1, 1, 3)	1300.000	0.000000
C_FS(1, 1, 4)	1400.000	0.000000
C_FS(1, 2, 1)	1200.000	0.000000
C_FS(1, 2, 2)	1200.000	0.000000
C_FS(1, 2, 3)	1400.000	0.000000
C_FS(1, 2, 4)	1400.000	0.000000
C_FS(1, 3, 1)	0.1000000E+19	0.000000
C_FS(1, 3, 2)	0.1000000E+19	0.000000
C_FS(1, 3, 3)	0.1000000E+19	0.000000
C_FS(1, 3, 4)	0.1000000E+19	0.000000
C_FS(1, 4, 1)	0.1000000E+19	0.000000
C_FS(1, 4, 2)	0.1000000E+19	0.000000
C_FS(1, 4, 3)	0.1000000E+19	0.000000
C_FS(1, 4, 4)	0.1000000E+19	0.000000
C_FS(1, 5, 1)	0.1000000E+19	0.000000
C_FS(1, 5, 2)	0.1000000E+19	0.000000
C_FS(1, 5, 3)	0.1000000E+19	0.000000
C_FS(1, 5, 4)	0.1000000E+19	0.000000
C_FS(1, 6, 1)	0.1000000E+19	0.000000
C_FS(1, 6, 2)	0.1000000E+19	0.000000
C_FS(1, 6, 3)	0.1000000E+19	0.000000
C_FS(1, 6, 4)	0.1000000E+19	0.000000
C_FS(1, 7, 1)	0.1000000E+19	0.000000
C_FS(1, 7, 2)	0.1000000E+19	0.000000
C_FS(1, 7, 3)	0.1000000E+19	0.000000
C_FS(1, 7, 4)	0.1000000E+19	0.000000
C_FS(1, 8, 1)	0.1000000E+19	0.000000
C_FS(1, 8, 2)	0.1000000E+19	0.000000
C_FS(1, 8, 3)	0.1000000E+19	0.000000
C_FS(1, 8, 4)	0.1000000E+19	0.000000
C_FS(1, 9, 1)	0.1000000E+19	0.000000
C_FS(1, 9, 2)	0.1000000E+19	0.000000
C_FS(1, 9, 3)	0.1000000E+19	0.000000
C_FS(1, 9, 4)	0.1000000E+19	0.000000
C_FS(2, 1, 1)	0.1000000E+19	0.000000
C_FS(2, 1, 2)	0.1000000E+19	0.000000
C_FS(2, 1, 3)	0.1000000E+19	0.000000
C_FS(2, 1, 4)	0.1000000E+19	0.000000
C_FS(2, 2, 1)	0.1000000E+19	0.000000
C_FS(2, 2, 2)	0.1000000E+19	0.000000
C_FS(2, 2, 3)	0.1000000E+19	0.000000
C_FS(2, 2, 4)	0.1000000E+19	0.000000
C_FS(2, 3, 1)	900.0000	0.000000
C_FS(2, 3, 2)	1000.000	0.000000
C_FS(2, 3, 3)	1000.000	0.000000
C_FS(2, 3, 4)	1100.000	0.000000
C_FS(2, 4, 1)	1100.000	0.000000
C_FS(2, 4, 2)	1100.000	0.000000
C_FS(2, 4, 3)	1200.000	0.000000
C_FS(2, 4, 4)	1300.000	0.000000
C_FS(2, 5, 1)	1700.000	0.000000
C_FS(2, 5, 2)	1700.000	0.000000

C_FS(2, 5, 3)	1800.000	0.000000
C_FS(2, 5, 4)	1900.000	0.000000
C_FS(2, 6, 1)	1400.000	0.000000
C_FS(2, 6, 2)	1500.000	0.000000
C_FS(2, 6, 3)	1500.000	0.000000
C_FS(2, 6, 4)	1600.000	0.000000
C_FS(2, 7, 1)	0.1000000E+19	0.000000
C_FS(2, 7, 2)	0.1000000E+19	0.000000
C_FS(2, 7, 3)	0.1000000E+19	0.000000
C_FS(2, 7, 4)	0.1000000E+19	0.000000
C_FS(2, 8, 1)	0.1000000E+19	0.000000
C_FS(2, 8, 2)	0.1000000E+19	0.000000
C_FS(2, 8, 3)	0.1000000E+19	0.000000
C_FS(2, 8, 4)	0.1000000E+19	0.000000
C_FS(2, 9, 1)	0.1000000E+19	0.000000
C_FS(2, 9, 2)	0.1000000E+19	0.000000
C_FS(2, 9, 3)	0.1000000E+19	0.000000
C_FS(2, 9, 4)	0.1000000E+19	0.000000
C_FS(3, 1, 1)	0.1000000E+19	0.000000
C_FS(3, 1, 2)	0.1000000E+19	0.000000
C_FS(3, 1, 3)	0.1000000E+19	0.000000
C_FS(3, 1, 4)	0.1000000E+19	0.000000
C_FS(3, 2, 1)	0.1000000E+19	0.000000
C_FS(3, 2, 2)	0.1000000E+19	0.000000
C_FS(3, 2, 3)	0.1000000E+19	0.000000
C_FS(3, 2, 4)	0.1000000E+19	0.000000
C_FS(3, 3, 1)	900.0000	0.000000
C_FS(3, 3, 2)	1000.000	0.000000
C_FS(3, 3, 3)	1000.000	0.000000
C_FS(3, 3, 4)	1100.000	0.000000
C_FS(3, 4, 1)	1100.000	0.000000
C_FS(3, 4, 2)	1100.000	0.000000
C_FS(3, 4, 3)	1200.000	0.000000
C_FS(3, 4, 4)	1300.000	0.000000
C_FS(3, 5, 1)	1700.000	0.000000
C_FS(3, 5, 2)	1700.000	0.000000
C_FS(3, 5, 3)	1800.000	0.000000
C_FS(3, 5, 4)	1900.000	0.000000
C_FS(3, 6, 1)	1400.000	0.000000
C_FS(3, 6, 2)	1500.000	0.000000
C_FS(3, 6, 3)	1500.000	0.000000
C_FS(3, 6, 4)	1600.000	0.000000
C_FS(3, 7, 1)	0.1000000E+19	0.000000
C_FS(3, 7, 2)	0.1000000E+19	0.000000
C_FS(3, 7, 3)	0.1000000E+19	0.000000
C_FS(3, 7, 4)	0.1000000E+19	0.000000
C_FS(3, 8, 1)	0.1000000E+19	0.000000
C_FS(3, 8, 2)	0.1000000E+19	0.000000
C_FS(3, 8, 3)	0.1000000E+19	0.000000
C_FS(3, 8, 4)	0.1000000E+19	0.000000
C_FS(3, 9, 1)	0.1000000E+19	0.000000
C_FS(3, 9, 2)	0.1000000E+19	0.000000
C_FS(3, 9, 3)	0.1000000E+19	0.000000
C_FS(3, 9, 4)	0.1000000E+19	0.000000
C_FS(4, 1, 1)	0.1000000E+19	0.000000
C_FS(4, 1, 2)	0.1000000E+19	0.000000
C_FS(4, 1, 3)	0.1000000E+19	0.000000
C_FS(4, 1, 4)	0.1000000E+19	0.000000
C_FS(4, 2, 1)	0.1000000E+19	0.000000
C_FS(4, 2, 2)	0.1000000E+19	0.000000
C_FS(4, 2, 3)	0.1000000E+19	0.000000
C_FS(4, 2, 4)	0.1000000E+19	0.000000
C_FS(4, 3, 1)	900.0000	0.000000
C_FS(4, 3, 2)	1000.000	0.000000
C_FS(4, 3, 3)	1000.000	0.000000
C_FS(4, 3, 4)	1100.000	0.000000

C_FS(4, 4, 1)	1100.000	0.000000
C_FS(4, 4, 2)	1100.000	0.000000
C_FS(4, 4, 3)	1200.000	0.000000
C_FS(4, 4, 4)	1300.000	0.000000
C_FS(4, 5, 1)	1700.000	0.000000
C_FS(4, 5, 2)	1700.000	0.000000
C_FS(4, 5, 3)	1800.000	0.000000
C_FS(4, 5, 4)	1900.000	0.000000
C_FS(4, 6, 1)	1400.000	0.000000
C_FS(4, 6, 2)	1500.000	0.000000
C_FS(4, 6, 3)	1500.000	0.000000
C_FS(4, 6, 4)	1600.000	0.000000
C_FS(4, 7, 1)	0.1000000E+19	0.000000
C_FS(4, 7, 2)	0.1000000E+19	0.000000
C_FS(4, 7, 3)	0.1000000E+19	0.000000
C_FS(4, 7, 4)	0.1000000E+19	0.000000
C_FS(4, 8, 1)	0.1000000E+19	0.000000
C_FS(4, 8, 2)	0.1000000E+19	0.000000
C_FS(4, 8, 3)	0.1000000E+19	0.000000
C_FS(4, 8, 4)	0.1000000E+19	0.000000
C_FS(4, 9, 1)	0.1000000E+19	0.000000
C_FS(4, 9, 2)	0.1000000E+19	0.000000
C_FS(4, 9, 3)	0.1000000E+19	0.000000
C_FS(4, 9, 4)	0.1000000E+19	0.000000
C_FS(5, 1, 1)	0.1000000E+19	0.000000
C_FS(5, 1, 2)	0.1000000E+19	0.000000
C_FS(5, 1, 3)	0.1000000E+19	0.000000
C_FS(5, 1, 4)	0.1000000E+19	0.000000
C_FS(5, 2, 1)	0.1000000E+19	0.000000
C_FS(5, 2, 2)	0.1000000E+19	0.000000
C_FS(5, 2, 3)	0.1000000E+19	0.000000
C_FS(5, 2, 4)	0.1000000E+19	0.000000
C_FS(5, 3, 1)	0.1000000E+19	0.000000
C_FS(5, 3, 2)	0.1000000E+19	0.000000
C_FS(5, 3, 3)	0.1000000E+19	0.000000
C_FS(5, 3, 4)	0.1000000E+19	0.000000
C_FS(5, 4, 1)	0.1000000E+19	0.000000
C_FS(5, 4, 2)	0.1000000E+19	0.000000
C_FS(5, 4, 3)	0.1000000E+19	0.000000
C_FS(5, 4, 4)	0.1000000E+19	0.000000
C_FS(5, 5, 1)	0.1000000E+19	0.000000
C_FS(5, 5, 2)	0.1000000E+19	0.000000
C_FS(5, 5, 3)	0.1000000E+19	0.000000
C_FS(5, 5, 4)	0.1000000E+19	0.000000
C_FS(5, 6, 1)	0.1000000E+19	0.000000
C_FS(5, 6, 2)	0.1000000E+19	0.000000
C_FS(5, 6, 3)	0.1000000E+19	0.000000
C_FS(5, 6, 4)	0.1000000E+19	0.000000
C_FS(5, 7, 1)	2000.000	0.000000
C_FS(5, 7, 2)	2100.000	0.000000
C_FS(5, 7, 3)	2200.000	0.000000
C_FS(5, 7, 4)	2300.000	0.000000
C_FS(5, 8, 1)	2300.000	0.000000
C_FS(5, 8, 2)	2400.000	0.000000
C_FS(5, 8, 3)	2500.000	0.000000
C_FS(5, 8, 4)	2600.000	0.000000
C_FS(5, 9, 1)	2100.000	0.000000
C_FS(5, 9, 2)	2100.000	0.000000
C_FS(5, 9, 3)	2100.000	0.000000
C_FS(5, 9, 4)	2200.000	0.000000
C_FS(6, 1, 1)	0.1000000E+19	0.000000
C_FS(6, 1, 2)	0.1000000E+19	0.000000
C_FS(6, 1, 3)	0.1000000E+19	0.000000
C_FS(6, 1, 4)	0.1000000E+19	0.000000
C_FS(6, 2, 1)	0.1000000E+19	0.000000
C_FS(6, 2, 2)	0.1000000E+19	0.000000

C_FS(6, 2, 3)	0.1000000E+19	0.000000
C_FS(6, 2, 4)	0.1000000E+19	0.000000
C_FS(6, 3, 1)	0.1000000E+19	0.000000
C_FS(6, 3, 2)	0.1000000E+19	0.000000
C_FS(6, 3, 3)	0.1000000E+19	0.000000
C_FS(6, 3, 4)	0.1000000E+19	0.000000
C_FS(6, 4, 1)	0.1000000E+19	0.000000
C_FS(6, 4, 2)	0.1000000E+19	0.000000
C_FS(6, 4, 3)	0.1000000E+19	0.000000
C_FS(6, 4, 4)	0.1000000E+19	0.000000
C_FS(6, 5, 1)	0.1000000E+19	0.000000
C_FS(6, 5, 2)	0.1000000E+19	0.000000
C_FS(6, 5, 3)	0.1000000E+19	0.000000
C_FS(6, 5, 4)	0.1000000E+19	0.000000
C_FS(6, 6, 1)	0.1000000E+19	0.000000
C_FS(6, 6, 2)	0.1000000E+19	0.000000
C_FS(6, 6, 3)	0.1000000E+19	0.000000
C_FS(6, 6, 4)	0.1000000E+19	0.000000
C_FS(6, 7, 1)	2000.000	0.000000
C_FS(6, 7, 2)	2100.000	0.000000
C_FS(6, 7, 3)	2200.000	0.000000
C_FS(6, 7, 4)	2300.000	0.000000
C_FS(6, 8, 1)	2300.000	0.000000
C_FS(6, 8, 2)	2400.000	0.000000
C_FS(6, 8, 3)	2500.000	0.000000
C_FS(6, 8, 4)	2600.000	0.000000
C_FS(6, 9, 1)	2100.000	0.000000
C_FS(6, 9, 2)	2100.000	0.000000
C_FS(6, 9, 3)	2100.000	0.000000
C_FS(6, 9, 4)	2200.000	0.000000
C_RS(1, 1, 1)	1.300000	0.000000
C_RS(1, 1, 2)	1.400000	0.000000
C_RS(1, 1, 3)	1.500000	0.000000
C_RS(1, 1, 4)	1.600000	0.000000
C_RS(1, 2, 1)	1.100000	0.000000
C_RS(1, 2, 2)	1.200000	0.000000
C_RS(1, 2, 3)	1.300000	0.000000
C_RS(1, 2, 4)	1.400000	0.000000
C_RS(1, 3, 1)	0.1000000E+19	0.000000
C_RS(1, 3, 2)	0.1000000E+19	0.000000
C_RS(1, 3, 3)	0.1000000E+19	0.000000
C_RS(1, 3, 4)	0.1000000E+19	0.000000
C_RS(1, 4, 1)	0.1000000E+19	0.000000
C_RS(1, 4, 2)	0.1000000E+19	0.000000
C_RS(1, 4, 3)	0.1000000E+19	0.000000
C_RS(1, 4, 4)	0.1000000E+19	0.000000
C_RS(1, 5, 1)	0.1000000E+19	0.000000
C_RS(1, 5, 2)	0.1000000E+19	0.000000
C_RS(1, 5, 3)	0.1000000E+19	0.000000
C_RS(1, 5, 4)	0.1000000E+19	0.000000
C_RS(1, 6, 1)	0.1000000E+19	0.000000
C_RS(1, 6, 2)	0.1000000E+19	0.000000
C_RS(1, 6, 3)	0.1000000E+19	0.000000
C_RS(1, 6, 4)	0.1000000E+19	0.000000
C_RS(1, 7, 1)	0.1000000E+19	0.000000
C_RS(1, 7, 2)	0.1000000E+19	0.000000
C_RS(1, 7, 3)	0.1000000E+19	0.000000
C_RS(1, 7, 4)	0.1000000E+19	0.000000
C_RS(1, 8, 1)	0.1000000E+19	0.000000
C_RS(1, 8, 2)	0.1000000E+19	0.000000
C_RS(1, 8, 3)	0.1000000E+19	0.000000
C_RS(1, 8, 4)	0.1000000E+19	0.000000
C_RS(1, 9, 1)	0.1000000E+19	0.000000
C_RS(1, 9, 2)	0.1000000E+19	0.000000
C_RS(1, 9, 3)	0.1000000E+19	0.000000
C_RS(1, 9, 4)	0.1000000E+19	0.000000

C_RS(2, 1, 1)	0.1000000E+19	0.000000
C_RS(2, 1, 2)	0.1000000E+19	0.000000
C_RS(2, 1, 3)	0.1000000E+19	0.000000
C_RS(2, 1, 4)	0.1000000E+19	0.000000
C_RS(2, 2, 1)	0.1000000E+19	0.000000
C_RS(2, 2, 2)	0.1000000E+19	0.000000
C_RS(2, 2, 3)	0.1000000E+19	0.000000
C_RS(2, 2, 4)	0.1000000E+19	0.000000
C_RS(2, 3, 1)	23.00000	0.000000
C_RS(2, 3, 2)	25.00000	0.000000
C_RS(2, 3, 3)	28.00000	0.000000
C_RS(2, 3, 4)	29.00000	0.000000
C_RS(2, 4, 1)	21.00000	0.000000
C_RS(2, 4, 2)	24.00000	0.000000
C_RS(2, 4, 3)	26.00000	0.000000
C_RS(2, 4, 4)	28.00000	0.000000
C_RS(2, 5, 1)	28.00000	0.000000
C_RS(2, 5, 2)	33.00000	0.000000
C_RS(2, 5, 3)	36.00000	0.000000
C_RS(2, 5, 4)	38.00000	0.000000
C_RS(2, 6, 1)	20.00000	0.000000
C_RS(2, 6, 2)	21.00000	0.000000
C_RS(2, 6, 3)	25.00000	0.000000
C_RS(2, 6, 4)	26.00000	0.000000
C_RS(2, 7, 1)	0.1000000E+19	0.000000
C_RS(2, 7, 2)	0.1000000E+19	0.000000
C_RS(2, 7, 3)	0.1000000E+19	0.000000
C_RS(2, 7, 4)	0.1000000E+19	0.000000
C_RS(2, 8, 1)	0.1000000E+19	0.000000
C_RS(2, 8, 2)	0.1000000E+19	0.000000
C_RS(2, 8, 3)	0.1000000E+19	0.000000
C_RS(2, 8, 4)	0.1000000E+19	0.000000
C_RS(2, 9, 1)	0.1000000E+19	0.000000
C_RS(2, 9, 2)	0.1000000E+19	0.000000
C_RS(2, 9, 3)	0.1000000E+19	0.000000
C_RS(2, 9, 4)	0.1000000E+19	0.000000
C_RS(3, 1, 1)	0.1000000E+19	0.000000
C_RS(3, 1, 2)	0.1000000E+19	0.000000
C_RS(3, 1, 3)	0.1000000E+19	0.000000
C_RS(3, 1, 4)	0.1000000E+19	0.000000
C_RS(3, 2, 1)	0.1000000E+19	0.000000
C_RS(3, 2, 2)	0.1000000E+19	0.000000
C_RS(3, 2, 3)	0.1000000E+19	0.000000
C_RS(3, 2, 4)	0.1000000E+19	0.000000
C_RS(3, 3, 1)	5.000000	0.000000
C_RS(3, 3, 2)	6.000000	0.000000
C_RS(3, 3, 3)	6.000000	0.000000
C_RS(3, 3, 4)	7.000000	0.000000
C_RS(3, 4, 1)	4.000000	0.000000
C_RS(3, 4, 2)	4.000000	0.000000
C_RS(3, 4, 3)	5.000000	0.000000
C_RS(3, 4, 4)	6.000000	0.000000
C_RS(3, 5, 1)	5.000000	0.000000
C_RS(3, 5, 2)	5.000000	0.000000
C_RS(3, 5, 3)	5.000000	0.000000
C_RS(3, 5, 4)	6.000000	0.000000
C_RS(3, 6, 1)	3.000000	0.000000
C_RS(3, 6, 2)	3.000000	0.000000
C_RS(3, 6, 3)	3.000000	0.000000
C_RS(3, 6, 4)	3.000000	0.000000
C_RS(3, 7, 1)	0.1000000E+19	0.000000
C_RS(3, 7, 2)	0.1000000E+19	0.000000
C_RS(3, 7, 3)	0.1000000E+19	0.000000
C_RS(3, 7, 4)	0.1000000E+19	0.000000
C_RS(3, 8, 1)	0.1000000E+19	0.000000
C_RS(3, 8, 2)	0.1000000E+19	0.000000

C_RS(3, 8, 3)	0.1000000E+19	0.000000
C_RS(3, 8, 4)	0.1000000E+19	0.000000
C_RS(3, 9, 1)	0.1000000E+19	0.000000
C_RS(3, 9, 2)	0.1000000E+19	0.000000
C_RS(3, 9, 3)	0.1000000E+19	0.000000
C_RS(3, 9, 4)	0.1000000E+19	0.000000
C_RS(4, 1, 1)	0.1000000E+19	0.000000
C_RS(4, 1, 2)	0.1000000E+19	0.000000
C_RS(4, 1, 3)	0.1000000E+19	0.000000
C_RS(4, 1, 4)	0.1000000E+19	0.000000
C_RS(4, 2, 1)	0.1000000E+19	0.000000
C_RS(4, 2, 2)	0.1000000E+19	0.000000
C_RS(4, 2, 3)	0.1000000E+19	0.000000
C_RS(4, 2, 4)	0.1000000E+19	0.000000
C_RS(4, 3, 1)	8.000000	0.000000
C_RS(4, 3, 2)	9.000000	0.000000
C_RS(4, 3, 3)	10.00000	0.000000
C_RS(4, 3, 4)	10.00000	0.000000
C_RS(4, 4, 1)	5.000000	0.000000
C_RS(4, 4, 2)	6.000000	0.000000
C_RS(4, 4, 3)	7.000000	0.000000
C_RS(4, 4, 4)	8.000000	0.000000
C_RS(4, 5, 1)	7.000000	0.000000
C_RS(4, 5, 2)	8.000000	0.000000
C_RS(4, 5, 3)	9.000000	0.000000
C_RS(4, 5, 4)	10.00000	0.000000
C_RS(4, 6, 1)	4.000000	0.000000
C_RS(4, 6, 2)	4.000000	0.000000
C_RS(4, 6, 3)	4.000000	0.000000
C_RS(4, 6, 4)	5.000000	0.000000
C_RS(4, 7, 1)	0.1000000E+19	0.000000
C_RS(4, 7, 2)	0.1000000E+19	0.000000
C_RS(4, 7, 3)	0.1000000E+19	0.000000
C_RS(4, 7, 4)	0.1000000E+19	0.000000
C_RS(4, 8, 1)	0.1000000E+19	0.000000
C_RS(4, 8, 2)	0.1000000E+19	0.000000
C_RS(4, 8, 3)	0.1000000E+19	0.000000
C_RS(4, 8, 4)	0.1000000E+19	0.000000
C_RS(4, 9, 1)	0.1000000E+19	0.000000
C_RS(4, 9, 2)	0.1000000E+19	0.000000
C_RS(4, 9, 3)	0.1000000E+19	0.000000
C_RS(4, 9, 4)	0.1000000E+19	0.000000
C_RS(5, 1, 1)	0.1000000E+19	0.000000
C_RS(5, 1, 2)	0.1000000E+19	0.000000
C_RS(5, 1, 3)	0.1000000E+19	0.000000
C_RS(5, 1, 4)	0.1000000E+19	0.000000
C_RS(5, 2, 1)	0.1000000E+19	0.000000
C_RS(5, 2, 2)	0.1000000E+19	0.000000
C_RS(5, 2, 3)	0.1000000E+19	0.000000
C_RS(5, 2, 4)	0.1000000E+19	0.000000
C_RS(5, 3, 1)	0.1000000E+19	0.000000
C_RS(5, 3, 2)	0.1000000E+19	0.000000
C_RS(5, 3, 3)	0.1000000E+19	0.000000
C_RS(5, 3, 4)	0.1000000E+19	0.000000
C_RS(5, 4, 1)	0.1000000E+19	0.000000
C_RS(5, 4, 2)	0.1000000E+19	0.000000
C_RS(5, 4, 3)	0.1000000E+19	0.000000
C_RS(5, 4, 4)	0.1000000E+19	0.000000
C_RS(5, 5, 1)	0.1000000E+19	0.000000
C_RS(5, 5, 2)	0.1000000E+19	0.000000
C_RS(5, 5, 3)	0.1000000E+19	0.000000
C_RS(5, 5, 4)	0.1000000E+19	0.000000
C_RS(5, 6, 1)	0.1000000E+19	0.000000
C_RS(5, 6, 2)	0.1000000E+19	0.000000
C_RS(5, 6, 3)	0.1000000E+19	0.000000
C_RS(5, 6, 4)	0.1000000E+19	0.000000

C_RS(5, 7, 1)	1.100000	0.000000
C_RS(5, 7, 2)	1.200000	0.000000
C_RS(5, 7, 3)	1.300000	0.000000
C_RS(5, 7, 4)	1.400000	0.000000
C_RS(5, 8, 1)	1.300000	0.000000
C_RS(5, 8, 2)	1.400000	0.000000
C_RS(5, 8, 3)	1.600000	0.000000
C_RS(5, 8, 4)	1.700000	0.000000
C_RS(5, 9, 1)	0.900000	0.000000
C_RS(5, 9, 2)	1.000000	0.000000
C_RS(5, 9, 3)	1.200000	0.000000
C_RS(5, 9, 4)	1.200000	0.000000
C_RS(6, 1, 1)	0.1000000E+19	0.000000
C_RS(6, 1, 2)	0.1000000E+19	0.000000
C_RS(6, 1, 3)	0.1000000E+19	0.000000
C_RS(6, 1, 4)	0.1000000E+19	0.000000
C_RS(6, 2, 1)	0.1000000E+19	0.000000
C_RS(6, 2, 2)	0.1000000E+19	0.000000
C_RS(6, 2, 3)	0.1000000E+19	0.000000
C_RS(6, 2, 4)	0.1000000E+19	0.000000
C_RS(6, 3, 1)	0.1000000E+19	0.000000
C_RS(6, 3, 2)	0.1000000E+19	0.000000
C_RS(6, 3, 3)	0.1000000E+19	0.000000
C_RS(6, 3, 4)	0.1000000E+19	0.000000
C_RS(6, 4, 1)	0.1000000E+19	0.000000
C_RS(6, 4, 2)	0.1000000E+19	0.000000
C_RS(6, 4, 3)	0.1000000E+19	0.000000
C_RS(6, 4, 4)	0.1000000E+19	0.000000
C_RS(6, 5, 1)	0.1000000E+19	0.000000
C_RS(6, 5, 2)	0.1000000E+19	0.000000
C_RS(6, 5, 3)	0.1000000E+19	0.000000
C_RS(6, 5, 4)	0.1000000E+19	0.000000
C_RS(6, 6, 1)	0.1000000E+19	0.000000
C_RS(6, 6, 2)	0.1000000E+19	0.000000
C_RS(6, 6, 3)	0.1000000E+19	0.000000
C_RS(6, 6, 4)	0.1000000E+19	0.000000
C_RS(6, 7, 1)	1.200000	0.000000
C_RS(6, 7, 2)	1.300000	0.000000
C_RS(6, 7, 3)	1.400000	0.000000
C_RS(6, 7, 4)	1.500000	0.000000
C_RS(6, 8, 1)	1.200000	0.000000
C_RS(6, 8, 2)	1.400000	0.000000
C_RS(6, 8, 3)	1.500000	0.000000
C_RS(6, 8, 4)	1.600000	0.000000
C_RS(6, 9, 1)	0.800000	0.000000
C_RS(6, 9, 2)	1.000000	0.000000
C_RS(6, 9, 3)	1.100000	0.000000
C_RS(6, 9, 4)	1.100000	0.000000
CP_S_1(1, 1, 1)	5490.000	0.000000
CP_S_1(1, 1, 2)	6390.000	0.000000
CP_S_1(1, 1, 3)	6480.000	0.000000
CP_S_1(1, 1, 4)	6570.000	0.000000
CP_S_1(1, 2, 1)	6390.000	0.000000
CP_S_1(1, 2, 2)	6750.000	0.000000
CP_S_1(1, 2, 3)	7020.000	0.000000
CP_S_1(1, 2, 4)	7200.000	0.000000
CP_S_1(1, 3, 1)	0.000000	0.000000
CP_S_1(1, 3, 2)	0.000000	0.000000
CP_S_1(1, 3, 3)	0.000000	0.000000
CP_S_1(1, 3, 4)	0.000000	0.000000
CP_S_1(1, 4, 1)	0.000000	0.000000
CP_S_1(1, 4, 2)	0.000000	0.000000
CP_S_1(1, 4, 3)	0.000000	0.000000
CP_S_1(1, 4, 4)	0.000000	0.000000
CP_S_1(1, 5, 1)	0.000000	0.000000
CP_S_1(1, 5, 2)	0.000000	0.000000

CP_S_1(1, 5, 3)	0.000000	0.000000
CP_S_1(1, 5, 4)	0.000000	0.000000
CP_S_1(1, 6, 1)	0.000000	0.000000
CP_S_1(1, 6, 2)	0.000000	0.000000
CP_S_1(1, 6, 3)	0.000000	0.000000
CP_S_1(1, 6, 4)	0.000000	0.000000
CP_S_1(1, 7, 1)	0.000000	0.000000
CP_S_1(1, 7, 2)	0.000000	0.000000
CP_S_1(1, 7, 3)	0.000000	0.000000
CP_S_1(1, 7, 4)	0.000000	0.000000
CP_S_1(1, 8, 1)	0.000000	0.000000
CP_S_1(1, 8, 2)	0.000000	0.000000
CP_S_1(1, 8, 3)	0.000000	0.000000
CP_S_1(1, 8, 4)	0.000000	0.000000
CP_S_1(1, 9, 1)	0.000000	0.000000
CP_S_1(1, 9, 2)	0.000000	0.000000
CP_S_1(1, 9, 3)	0.000000	0.000000
CP_S_1(1, 9, 4)	0.000000	0.000000
CP_S_1(2, 1, 1)	0.000000	0.000000
CP_S_1(2, 1, 2)	0.000000	0.000000
CP_S_1(2, 1, 3)	0.000000	0.000000
CP_S_1(2, 1, 4)	0.000000	0.000000
CP_S_1(2, 2, 1)	0.000000	0.000000
CP_S_1(2, 2, 2)	0.000000	0.000000
CP_S_1(2, 2, 3)	0.000000	0.000000
CP_S_1(2, 2, 4)	0.000000	0.000000
CP_S_1(2, 3, 1)	1620.000	0.000000
CP_S_1(2, 3, 2)	2160.000	0.000000
CP_S_1(2, 3, 3)	2430.000	0.000000
CP_S_1(2, 3, 4)	2430.000	0.000000
CP_S_1(2, 4, 1)	1620.000	0.000000
CP_S_1(2, 4, 2)	1890.000	0.000000
CP_S_1(2, 4, 3)	1890.000	0.000000
CP_S_1(2, 4, 4)	1890.000	0.000000
CP_S_1(2, 5, 1)	1620.000	0.000000
CP_S_1(2, 5, 2)	1800.000	0.000000
CP_S_1(2, 5, 3)	2070.000	0.000000
CP_S_1(2, 5, 4)	2160.000	0.000000
CP_S_1(2, 6, 1)	1620.000	0.000000
CP_S_1(2, 6, 2)	2160.000	0.000000
CP_S_1(2, 6, 3)	2160.000	0.000000
CP_S_1(2, 6, 4)	2160.000	0.000000
CP_S_1(2, 7, 1)	0.000000	0.000000
CP_S_1(2, 7, 2)	0.000000	0.000000
CP_S_1(2, 7, 3)	0.000000	0.000000
CP_S_1(2, 7, 4)	0.000000	0.000000
CP_S_1(2, 8, 1)	0.000000	0.000000
CP_S_1(2, 8, 2)	0.000000	0.000000
CP_S_1(2, 8, 3)	0.000000	0.000000
CP_S_1(2, 8, 4)	0.000000	0.000000
CP_S_1(2, 9, 1)	0.000000	0.000000
CP_S_1(2, 9, 2)	0.000000	0.000000
CP_S_1(2, 9, 3)	0.000000	0.000000
CP_S_1(2, 9, 4)	0.000000	0.000000
CP_S_1(3, 1, 1)	0.000000	0.000000
CP_S_1(3, 1, 2)	0.000000	0.000000
CP_S_1(3, 1, 3)	0.000000	0.000000
CP_S_1(3, 1, 4)	0.000000	0.000000
CP_S_1(3, 2, 1)	0.000000	0.000000
CP_S_1(3, 2, 2)	0.000000	0.000000
CP_S_1(3, 2, 3)	0.000000	0.000000
CP_S_1(3, 2, 4)	0.000000	0.000000
CP_S_1(3, 3, 1)	900.0000	0.000000
CP_S_1(3, 3, 2)	1080.000	0.000000
CP_S_1(3, 3, 3)	1170.000	0.000000
CP_S_1(3, 3, 4)	1260.000	0.000000

CP_S_1(3, 4, 1)	1170.000	0.000000
CP_S_1(3, 4, 2)	1170.000	0.000000
CP_S_1(3, 4, 3)	1260.000	0.000000
CP_S_1(3, 4, 4)	1260.000	0.000000
CP_S_1(3, 5, 1)	720.0000	0.000000
CP_S_1(3, 5, 2)	720.0000	0.000000
CP_S_1(3, 5, 3)	900.0000	0.000000
CP_S_1(3, 5, 4)	1080.000	0.000000
CP_S_1(3, 6, 1)	1170.000	0.000000
CP_S_1(3, 6, 2)	1260.000	0.000000
CP_S_1(3, 6, 3)	1440.000	0.000000
CP_S_1(3, 6, 4)	1440.000	0.000000
CP_S_1(3, 7, 1)	0.000000	0.000000
CP_S_1(3, 7, 2)	0.000000	0.000000
CP_S_1(3, 7, 3)	0.000000	0.000000
CP_S_1(3, 7, 4)	0.000000	0.000000
CP_S_1(3, 8, 1)	0.000000	0.000000
CP_S_1(3, 8, 2)	0.000000	0.000000
CP_S_1(3, 8, 3)	0.000000	0.000000
CP_S_1(3, 8, 4)	0.000000	0.000000
CP_S_1(3, 9, 1)	0.000000	0.000000
CP_S_1(3, 9, 2)	0.000000	0.000000
CP_S_1(3, 9, 3)	0.000000	0.000000
CP_S_1(3, 9, 4)	0.000000	0.000000
CP_S_1(4, 1, 1)	0.000000	0.000000
CP_S_1(4, 1, 2)	0.000000	0.000000
CP_S_1(4, 1, 3)	0.000000	0.000000
CP_S_1(4, 1, 4)	0.000000	0.000000
CP_S_1(4, 2, 1)	0.000000	0.000000
CP_S_1(4, 2, 2)	0.000000	0.000000
CP_S_1(4, 2, 3)	0.000000	0.000000
CP_S_1(4, 2, 4)	0.000000	0.000000
CP_S_1(4, 3, 1)	1080.000	0.000000
CP_S_1(4, 3, 2)	1170.000	0.000000
CP_S_1(4, 3, 3)	1260.000	0.000000
CP_S_1(4, 3, 4)	1260.000	0.000000
CP_S_1(4, 4, 1)	1170.000	0.000000
CP_S_1(4, 4, 2)	1170.000	0.000000
CP_S_1(4, 4, 3)	1260.000	0.000000
CP_S_1(4, 4, 4)	1440.000	0.000000
CP_S_1(4, 5, 1)	900.0000	0.000000
CP_S_1(4, 5, 2)	900.0000	0.000000
CP_S_1(4, 5, 3)	900.0000	0.000000
CP_S_1(4, 5, 4)	1170.000	0.000000
CP_S_1(4, 6, 1)	1170.000	0.000000
CP_S_1(4, 6, 2)	1440.000	0.000000
CP_S_1(4, 6, 3)	1440.000	0.000000
CP_S_1(4, 6, 4)	1440.000	0.000000
CP_S_1(4, 7, 1)	0.000000	0.000000
CP_S_1(4, 7, 2)	0.000000	0.000000
CP_S_1(4, 7, 3)	0.000000	0.000000
CP_S_1(4, 7, 4)	0.000000	0.000000
CP_S_1(4, 8, 1)	0.000000	0.000000
CP_S_1(4, 8, 2)	0.000000	0.000000
CP_S_1(4, 8, 3)	0.000000	0.000000
CP_S_1(4, 8, 4)	0.000000	0.000000
CP_S_1(4, 9, 1)	0.000000	0.000000
CP_S_1(4, 9, 2)	0.000000	0.000000
CP_S_1(4, 9, 3)	0.000000	0.000000
CP_S_1(4, 9, 4)	0.000000	0.000000
CP_S_1(5, 1, 1)	0.000000	0.000000
CP_S_1(5, 1, 2)	0.000000	0.000000
CP_S_1(5, 1, 3)	0.000000	0.000000
CP_S_1(5, 1, 4)	0.000000	0.000000
CP_S_1(5, 2, 1)	0.000000	0.000000
CP_S_1(5, 2, 2)	0.000000	0.000000

CP_S_1(5, 2, 3)	0.000000	0.000000
CP_S_1(5, 2, 4)	0.000000	0.000000
CP_S_1(5, 3, 1)	0.000000	0.000000
CP_S_1(5, 3, 2)	0.000000	0.000000
CP_S_1(5, 3, 3)	0.000000	0.000000
CP_S_1(5, 3, 4)	0.000000	0.000000
CP_S_1(5, 4, 1)	0.000000	0.000000
CP_S_1(5, 4, 2)	0.000000	0.000000
CP_S_1(5, 4, 3)	0.000000	0.000000
CP_S_1(5, 4, 4)	0.000000	0.000000
CP_S_1(5, 5, 1)	0.000000	0.000000
CP_S_1(5, 5, 2)	0.000000	0.000000
CP_S_1(5, 5, 3)	0.000000	0.000000
CP_S_1(5, 5, 4)	0.000000	0.000000
CP_S_1(5, 6, 1)	0.000000	0.000000
CP_S_1(5, 6, 2)	0.000000	0.000000
CP_S_1(5, 6, 3)	0.000000	0.000000
CP_S_1(5, 6, 4)	0.000000	0.000000
CP_S_1(5, 7, 1)	3510.000	0.000000
CP_S_1(5, 7, 2)	3690.000	0.000000
CP_S_1(5, 7, 3)	3870.000	0.000000
CP_S_1(5, 7, 4)	4050.000	0.000000
CP_S_1(5, 8, 1)	3870.000	0.000000
CP_S_1(5, 8, 2)	4050.000	0.000000
CP_S_1(5, 8, 3)	4230.000	0.000000
CP_S_1(5, 8, 4)	4230.000	0.000000
CP_S_1(5, 9, 1)	4410.000	0.000000
CP_S_1(5, 9, 2)	4410.000	0.000000
CP_S_1(5, 9, 3)	4590.000	0.000000
CP_S_1(5, 9, 4)	4950.000	0.000000
CP_S_1(6, 1, 1)	0.000000	0.000000
CP_S_1(6, 1, 2)	0.000000	0.000000
CP_S_1(6, 1, 3)	0.000000	0.000000
CP_S_1(6, 1, 4)	0.000000	0.000000
CP_S_1(6, 2, 1)	0.000000	0.000000
CP_S_1(6, 2, 2)	0.000000	0.000000
CP_S_1(6, 2, 3)	0.000000	0.000000
CP_S_1(6, 2, 4)	0.000000	0.000000
CP_S_1(6, 3, 1)	0.000000	0.000000
CP_S_1(6, 3, 2)	0.000000	0.000000
CP_S_1(6, 3, 3)	0.000000	0.000000
CP_S_1(6, 3, 4)	0.000000	0.000000
CP_S_1(6, 4, 1)	0.000000	0.000000
CP_S_1(6, 4, 2)	0.000000	0.000000
CP_S_1(6, 4, 3)	0.000000	0.000000
CP_S_1(6, 4, 4)	0.000000	0.000000
CP_S_1(6, 5, 1)	0.000000	0.000000
CP_S_1(6, 5, 2)	0.000000	0.000000
CP_S_1(6, 5, 3)	0.000000	0.000000
CP_S_1(6, 5, 4)	0.000000	0.000000
CP_S_1(6, 6, 1)	0.000000	0.000000
CP_S_1(6, 6, 2)	0.000000	0.000000
CP_S_1(6, 6, 3)	0.000000	0.000000
CP_S_1(6, 6, 4)	0.000000	0.000000
CP_S_1(6, 7, 1)	4050.000	0.000000
CP_S_1(6, 7, 2)	4230.000	0.000000
CP_S_1(6, 7, 3)	4230.000	0.000000
CP_S_1(6, 7, 4)	4410.000	0.000000
CP_S_1(6, 8, 1)	4590.000	0.000000
CP_S_1(6, 8, 2)	4770.000	0.000000
CP_S_1(6, 8, 3)	4950.000	0.000000
CP_S_1(6, 8, 4)	4950.000	0.000000
CP_S_1(6, 9, 1)	5130.000	0.000000
CP_S_1(6, 9, 2)	5220.000	0.000000
CP_S_1(6, 9, 3)	5310.000	0.000000
CP_S_1(6, 9, 4)	5580.000	0.000000

CP_S_2(1, 1, 1)	6100.000	0.000000
CP_S_2(1, 1, 2)	7100.000	0.000000
CP_S_2(1, 1, 3)	7200.000	0.000000
CP_S_2(1, 1, 4)	7300.000	0.000000
CP_S_2(1, 2, 1)	7100.000	0.000000
CP_S_2(1, 2, 2)	7500.000	0.000000
CP_S_2(1, 2, 3)	7800.000	0.000000
CP_S_2(1, 2, 4)	8000.000	0.000000
CP_S_2(1, 3, 1)	0.000000	0.000000
CP_S_2(1, 3, 2)	0.000000	0.000000
CP_S_2(1, 3, 3)	0.000000	0.000000
CP_S_2(1, 3, 4)	0.000000	0.000000
CP_S_2(1, 4, 1)	0.000000	0.000000
CP_S_2(1, 4, 2)	0.000000	0.000000
CP_S_2(1, 4, 3)	0.000000	0.000000
CP_S_2(1, 4, 4)	0.000000	0.000000
CP_S_2(1, 5, 1)	0.000000	0.000000
CP_S_2(1, 5, 2)	0.000000	0.000000
CP_S_2(1, 5, 3)	0.000000	0.000000
CP_S_2(1, 5, 4)	0.000000	0.000000
CP_S_2(1, 6, 1)	0.000000	0.000000
CP_S_2(1, 6, 2)	0.000000	0.000000
CP_S_2(1, 6, 3)	0.000000	0.000000
CP_S_2(1, 6, 4)	0.000000	0.000000
CP_S_2(1, 7, 1)	0.000000	0.000000
CP_S_2(1, 7, 2)	0.000000	0.000000
CP_S_2(1, 7, 3)	0.000000	0.000000
CP_S_2(1, 7, 4)	0.000000	0.000000
CP_S_2(1, 8, 1)	0.000000	0.000000
CP_S_2(1, 8, 2)	0.000000	0.000000
CP_S_2(1, 8, 3)	0.000000	0.000000
CP_S_2(1, 8, 4)	0.000000	0.000000
CP_S_2(1, 9, 1)	0.000000	0.000000
CP_S_2(1, 9, 2)	0.000000	0.000000
CP_S_2(1, 9, 3)	0.000000	0.000000
CP_S_2(1, 9, 4)	0.000000	0.000000
CP_S_2(2, 1, 1)	0.000000	0.000000
CP_S_2(2, 1, 2)	0.000000	0.000000
CP_S_2(2, 1, 3)	0.000000	0.000000
CP_S_2(2, 1, 4)	0.000000	0.000000
CP_S_2(2, 2, 1)	0.000000	0.000000
CP_S_2(2, 2, 2)	0.000000	0.000000
CP_S_2(2, 2, 3)	0.000000	0.000000
CP_S_2(2, 2, 4)	0.000000	0.000000
CP_S_2(2, 3, 1)	1800.000	0.000000
CP_S_2(2, 3, 2)	2400.000	0.000000
CP_S_2(2, 3, 3)	2700.000	0.000000
CP_S_2(2, 3, 4)	2700.000	0.000000
CP_S_2(2, 4, 1)	1800.000	0.000000
CP_S_2(2, 4, 2)	2100.000	0.000000
CP_S_2(2, 4, 3)	2100.000	0.000000
CP_S_2(2, 4, 4)	2100.000	0.000000
CP_S_2(2, 5, 1)	1800.000	0.000000
CP_S_2(2, 5, 2)	2000.000	0.000000
CP_S_2(2, 5, 3)	2300.000	0.000000
CP_S_2(2, 5, 4)	2400.000	0.000000
CP_S_2(2, 6, 1)	1800.000	0.000000
CP_S_2(2, 6, 2)	2400.000	0.000000
CP_S_2(2, 6, 3)	2400.000	0.000000
CP_S_2(2, 6, 4)	2400.000	0.000000
CP_S_2(2, 7, 1)	0.000000	0.000000
CP_S_2(2, 7, 2)	0.000000	0.000000
CP_S_2(2, 7, 3)	0.000000	0.000000
CP_S_2(2, 7, 4)	0.000000	0.000000
CP_S_2(2, 8, 1)	0.000000	0.000000
CP_S_2(2, 8, 2)	0.000000	0.000000

CP_S_2(2, 8, 3)	0.000000	0.000000
CP_S_2(2, 8, 4)	0.000000	0.000000
CP_S_2(2, 9, 1)	0.000000	0.000000
CP_S_2(2, 9, 2)	0.000000	0.000000
CP_S_2(2, 9, 3)	0.000000	0.000000
CP_S_2(2, 9, 4)	0.000000	0.000000
CP_S_2(3, 1, 1)	0.000000	0.000000
CP_S_2(3, 1, 2)	0.000000	0.000000
CP_S_2(3, 1, 3)	0.000000	0.000000
CP_S_2(3, 1, 4)	0.000000	0.000000
CP_S_2(3, 2, 1)	0.000000	0.000000
CP_S_2(3, 2, 2)	0.000000	0.000000
CP_S_2(3, 2, 3)	0.000000	0.000000
CP_S_2(3, 2, 4)	0.000000	0.000000
CP_S_2(3, 3, 1)	1000.000	0.000000
CP_S_2(3, 3, 2)	1200.000	0.000000
CP_S_2(3, 3, 3)	1300.000	0.000000
CP_S_2(3, 3, 4)	1400.000	0.000000
CP_S_2(3, 4, 1)	1300.000	0.000000
CP_S_2(3, 4, 2)	1300.000	0.000000
CP_S_2(3, 4, 3)	1400.000	0.000000
CP_S_2(3, 4, 4)	1400.000	0.000000
CP_S_2(3, 5, 1)	800.0000	0.000000
CP_S_2(3, 5, 2)	800.0000	0.000000
CP_S_2(3, 5, 3)	1000.000	0.000000
CP_S_2(3, 5, 4)	1200.000	0.000000
CP_S_2(3, 6, 1)	1300.000	0.000000
CP_S_2(3, 6, 2)	1400.000	0.000000
CP_S_2(3, 6, 3)	1600.000	0.000000
CP_S_2(3, 6, 4)	1600.000	0.000000
CP_S_2(3, 7, 1)	0.000000	0.000000
CP_S_2(3, 7, 2)	0.000000	0.000000
CP_S_2(3, 7, 3)	0.000000	0.000000
CP_S_2(3, 7, 4)	0.000000	0.000000
CP_S_2(3, 8, 1)	0.000000	0.000000
CP_S_2(3, 8, 2)	0.000000	0.000000
CP_S_2(3, 8, 3)	0.000000	0.000000
CP_S_2(3, 8, 4)	0.000000	0.000000
CP_S_2(3, 9, 1)	0.000000	0.000000
CP_S_2(3, 9, 2)	0.000000	0.000000
CP_S_2(3, 9, 3)	0.000000	0.000000
CP_S_2(3, 9, 4)	0.000000	0.000000
CP_S_2(4, 1, 1)	0.000000	0.000000
CP_S_2(4, 1, 2)	0.000000	0.000000
CP_S_2(4, 1, 3)	0.000000	0.000000
CP_S_2(4, 1, 4)	0.000000	0.000000
CP_S_2(4, 2, 1)	0.000000	0.000000
CP_S_2(4, 2, 2)	0.000000	0.000000
CP_S_2(4, 2, 3)	0.000000	0.000000
CP_S_2(4, 2, 4)	0.000000	0.000000
CP_S_2(4, 3, 1)	1200.000	0.000000
CP_S_2(4, 3, 2)	1300.000	0.000000
CP_S_2(4, 3, 3)	1400.000	0.000000
CP_S_2(4, 3, 4)	1400.000	0.000000
CP_S_2(4, 4, 1)	1300.000	0.000000
CP_S_2(4, 4, 2)	1300.000	0.000000
CP_S_2(4, 4, 3)	1400.000	0.000000
CP_S_2(4, 4, 4)	1600.000	0.000000
CP_S_2(4, 5, 1)	1000.000	0.000000
CP_S_2(4, 5, 2)	1000.000	0.000000
CP_S_2(4, 5, 3)	1000.000	0.000000
CP_S_2(4, 5, 4)	1300.000	0.000000
CP_S_2(4, 6, 1)	1300.000	0.000000
CP_S_2(4, 6, 2)	1600.000	0.000000
CP_S_2(4, 6, 3)	1600.000	0.000000
CP_S_2(4, 6, 4)	1600.000	0.000000

CP_S_2(4, 7, 1)	0.000000	0.000000
CP_S_2(4, 7, 2)	0.000000	0.000000
CP_S_2(4, 7, 3)	0.000000	0.000000
CP_S_2(4, 7, 4)	0.000000	0.000000
CP_S_2(4, 8, 1)	0.000000	0.000000
CP_S_2(4, 8, 2)	0.000000	0.000000
CP_S_2(4, 8, 3)	0.000000	0.000000
CP_S_2(4, 8, 4)	0.000000	0.000000
CP_S_2(4, 9, 1)	0.000000	0.000000
CP_S_2(4, 9, 2)	0.000000	0.000000
CP_S_2(4, 9, 3)	0.000000	0.000000
CP_S_2(4, 9, 4)	0.000000	0.000000
CP_S_2(5, 1, 1)	0.000000	0.000000
CP_S_2(5, 1, 2)	0.000000	0.000000
CP_S_2(5, 1, 3)	0.000000	0.000000
CP_S_2(5, 1, 4)	0.000000	0.000000
CP_S_2(5, 2, 1)	0.000000	0.000000
CP_S_2(5, 2, 2)	0.000000	0.000000
CP_S_2(5, 2, 3)	0.000000	0.000000
CP_S_2(5, 2, 4)	0.000000	0.000000
CP_S_2(5, 3, 1)	0.000000	0.000000
CP_S_2(5, 3, 2)	0.000000	0.000000
CP_S_2(5, 3, 3)	0.000000	0.000000
CP_S_2(5, 3, 4)	0.000000	0.000000
CP_S_2(5, 4, 1)	0.000000	0.000000
CP_S_2(5, 4, 2)	0.000000	0.000000
CP_S_2(5, 4, 3)	0.000000	0.000000
CP_S_2(5, 4, 4)	0.000000	0.000000
CP_S_2(5, 5, 1)	0.000000	0.000000
CP_S_2(5, 5, 2)	0.000000	0.000000
CP_S_2(5, 5, 3)	0.000000	0.000000
CP_S_2(5, 5, 4)	0.000000	0.000000
CP_S_2(5, 6, 1)	0.000000	0.000000
CP_S_2(5, 6, 2)	0.000000	0.000000
CP_S_2(5, 6, 3)	0.000000	0.000000
CP_S_2(5, 6, 4)	0.000000	0.000000
CP_S_2(5, 7, 1)	3900.000	0.000000
CP_S_2(5, 7, 2)	4100.000	0.000000
CP_S_2(5, 7, 3)	4300.000	0.000000
CP_S_2(5, 7, 4)	4500.000	0.000000
CP_S_2(5, 8, 1)	4300.000	0.000000
CP_S_2(5, 8, 2)	4500.000	0.000000
CP_S_2(5, 8, 3)	4700.000	0.000000
CP_S_2(5, 8, 4)	4700.000	0.000000
CP_S_2(5, 9, 1)	4900.000	0.000000
CP_S_2(5, 9, 2)	4900.000	0.000000
CP_S_2(5, 9, 3)	5100.000	0.000000
CP_S_2(5, 9, 4)	5500.000	0.000000
CP_S_2(6, 1, 1)	0.000000	0.000000
CP_S_2(6, 1, 2)	0.000000	0.000000
CP_S_2(6, 1, 3)	0.000000	0.000000
CP_S_2(6, 1, 4)	0.000000	0.000000
CP_S_2(6, 2, 1)	0.000000	0.000000
CP_S_2(6, 2, 2)	0.000000	0.000000
CP_S_2(6, 2, 3)	0.000000	0.000000
CP_S_2(6, 2, 4)	0.000000	0.000000
CP_S_2(6, 3, 1)	0.000000	0.000000
CP_S_2(6, 3, 2)	0.000000	0.000000
CP_S_2(6, 3, 3)	0.000000	0.000000
CP_S_2(6, 3, 4)	0.000000	0.000000
CP_S_2(6, 4, 1)	0.000000	0.000000
CP_S_2(6, 4, 2)	0.000000	0.000000
CP_S_2(6, 4, 3)	0.000000	0.000000
CP_S_2(6, 4, 4)	0.000000	0.000000
CP_S_2(6, 5, 1)	0.000000	0.000000
CP_S_2(6, 5, 2)	0.000000	0.000000

CP_S_2(6, 5, 3)	0.000000	0.000000
CP_S_2(6, 5, 4)	0.000000	0.000000
CP_S_2(6, 6, 1)	0.000000	0.000000
CP_S_2(6, 6, 2)	0.000000	0.000000
CP_S_2(6, 6, 3)	0.000000	0.000000
CP_S_2(6, 6, 4)	0.000000	0.000000
CP_S_2(6, 7, 1)	4500.000	0.000000
CP_S_2(6, 7, 2)	4700.000	0.000000
CP_S_2(6, 7, 3)	4700.000	0.000000
CP_S_2(6, 7, 4)	4900.000	0.000000
CP_S_2(6, 8, 1)	5100.000	0.000000
CP_S_2(6, 8, 2)	5300.000	0.000000
CP_S_2(6, 8, 3)	5500.000	0.000000
CP_S_2(6, 8, 4)	5500.000	0.000000
CP_S_2(6, 9, 1)	5700.000	0.000000
CP_S_2(6, 9, 2)	5800.000	0.000000
CP_S_2(6, 9, 3)	5900.000	0.000000
CP_S_2(6, 9, 4)	6200.000	0.000000
CP_S_3(1, 1, 1)	6710.000	0.000000
CP_S_3(1, 1, 2)	7810.000	0.000000
CP_S_3(1, 1, 3)	7920.000	0.000000
CP_S_3(1, 1, 4)	8030.000	0.000000
CP_S_3(1, 2, 1)	7810.000	0.000000
CP_S_3(1, 2, 2)	8250.000	0.000000
CP_S_3(1, 2, 3)	8580.000	0.000000
CP_S_3(1, 2, 4)	8800.000	0.000000
CP_S_3(1, 3, 1)	0.000000	0.000000
CP_S_3(1, 3, 2)	0.000000	0.000000
CP_S_3(1, 3, 3)	0.000000	0.000000
CP_S_3(1, 3, 4)	0.000000	0.000000
CP_S_3(1, 4, 1)	0.000000	0.000000
CP_S_3(1, 4, 2)	0.000000	0.000000
CP_S_3(1, 4, 3)	0.000000	0.000000
CP_S_3(1, 4, 4)	0.000000	0.000000
CP_S_3(1, 5, 1)	0.000000	0.000000
CP_S_3(1, 5, 2)	0.000000	0.000000
CP_S_3(1, 5, 3)	0.000000	0.000000
CP_S_3(1, 5, 4)	0.000000	0.000000
CP_S_3(1, 6, 1)	0.000000	0.000000
CP_S_3(1, 6, 2)	0.000000	0.000000
CP_S_3(1, 6, 3)	0.000000	0.000000
CP_S_3(1, 6, 4)	0.000000	0.000000
CP_S_3(1, 7, 1)	0.000000	0.000000
CP_S_3(1, 7, 2)	0.000000	0.000000
CP_S_3(1, 7, 3)	0.000000	0.000000
CP_S_3(1, 7, 4)	0.000000	0.000000
CP_S_3(1, 8, 1)	0.000000	0.000000
CP_S_3(1, 8, 2)	0.000000	0.000000
CP_S_3(1, 8, 3)	0.000000	0.000000
CP_S_3(1, 8, 4)	0.000000	0.000000
CP_S_3(1, 9, 1)	0.000000	0.000000
CP_S_3(1, 9, 2)	0.000000	0.000000
CP_S_3(1, 9, 3)	0.000000	0.000000
CP_S_3(1, 9, 4)	0.000000	0.000000
CP_S_3(2, 1, 1)	0.000000	0.000000
CP_S_3(2, 1, 2)	0.000000	0.000000
CP_S_3(2, 1, 3)	0.000000	0.000000
CP_S_3(2, 1, 4)	0.000000	0.000000
CP_S_3(2, 2, 1)	0.000000	0.000000
CP_S_3(2, 2, 2)	0.000000	0.000000
CP_S_3(2, 2, 3)	0.000000	0.000000
CP_S_3(2, 2, 4)	0.000000	0.000000
CP_S_3(2, 3, 1)	1980.000	0.000000
CP_S_3(2, 3, 2)	2640.000	0.000000
CP_S_3(2, 3, 3)	2970.000	0.000000
CP_S_3(2, 3, 4)	2970.000	0.000000

CP_S_3(2, 4, 1)	1980.000	0.000000
CP_S_3(2, 4, 2)	2310.000	0.000000
CP_S_3(2, 4, 3)	2310.000	0.000000
CP_S_3(2, 4, 4)	2310.000	0.000000
CP_S_3(2, 5, 1)	1980.000	0.000000
CP_S_3(2, 5, 2)	2200.000	0.000000
CP_S_3(2, 5, 3)	2530.000	0.000000
CP_S_3(2, 5, 4)	2640.000	0.000000
CP_S_3(2, 6, 1)	1980.000	0.000000
CP_S_3(2, 6, 2)	2640.000	0.000000
CP_S_3(2, 6, 3)	2640.000	0.000000
CP_S_3(2, 6, 4)	2640.000	0.000000
CP_S_3(2, 7, 1)	0.000000	0.000000
CP_S_3(2, 7, 2)	0.000000	0.000000
CP_S_3(2, 7, 3)	0.000000	0.000000
CP_S_3(2, 7, 4)	0.000000	0.000000
CP_S_3(2, 8, 1)	0.000000	0.000000
CP_S_3(2, 8, 2)	0.000000	0.000000
CP_S_3(2, 8, 3)	0.000000	0.000000
CP_S_3(2, 8, 4)	0.000000	0.000000
CP_S_3(2, 9, 1)	0.000000	0.000000
CP_S_3(2, 9, 2)	0.000000	0.000000
CP_S_3(2, 9, 3)	0.000000	0.000000
CP_S_3(2, 9, 4)	0.000000	0.000000
CP_S_3(3, 1, 1)	0.000000	0.000000
CP_S_3(3, 1, 2)	0.000000	0.000000
CP_S_3(3, 1, 3)	0.000000	0.000000
CP_S_3(3, 1, 4)	0.000000	0.000000
CP_S_3(3, 2, 1)	0.000000	0.000000
CP_S_3(3, 2, 2)	0.000000	0.000000
CP_S_3(3, 2, 3)	0.000000	0.000000
CP_S_3(3, 2, 4)	0.000000	0.000000
CP_S_3(3, 3, 1)	1100.000	0.000000
CP_S_3(3, 3, 2)	1320.000	0.000000
CP_S_3(3, 3, 3)	1430.000	0.000000
CP_S_3(3, 3, 4)	1540.000	0.000000
CP_S_3(3, 4, 1)	1430.000	0.000000
CP_S_3(3, 4, 2)	1430.000	0.000000
CP_S_3(3, 4, 3)	1540.000	0.000000
CP_S_3(3, 4, 4)	1540.000	0.000000
CP_S_3(3, 5, 1)	880.0000	0.000000
CP_S_3(3, 5, 2)	880.0000	0.000000
CP_S_3(3, 5, 3)	1100.000	0.000000
CP_S_3(3, 5, 4)	1320.000	0.000000
CP_S_3(3, 6, 1)	1430.000	0.000000
CP_S_3(3, 6, 2)	1540.000	0.000000
CP_S_3(3, 6, 3)	1760.000	0.000000
CP_S_3(3, 6, 4)	1760.000	0.000000
CP_S_3(3, 7, 1)	0.000000	0.000000
CP_S_3(3, 7, 2)	0.000000	0.000000
CP_S_3(3, 7, 3)	0.000000	0.000000
CP_S_3(3, 7, 4)	0.000000	0.000000
CP_S_3(3, 8, 1)	0.000000	0.000000
CP_S_3(3, 8, 2)	0.000000	0.000000
CP_S_3(3, 8, 3)	0.000000	0.000000
CP_S_3(3, 8, 4)	0.000000	0.000000
CP_S_3(3, 9, 1)	0.000000	0.000000
CP_S_3(3, 9, 2)	0.000000	0.000000
CP_S_3(3, 9, 3)	0.000000	0.000000
CP_S_3(3, 9, 4)	0.000000	0.000000
CP_S_3(4, 1, 1)	0.000000	0.000000
CP_S_3(4, 1, 2)	0.000000	0.000000
CP_S_3(4, 1, 3)	0.000000	0.000000
CP_S_3(4, 1, 4)	0.000000	0.000000
CP_S_3(4, 2, 1)	0.000000	0.000000
CP_S_3(4, 2, 2)	0.000000	0.000000

CP_S_3(4, 2, 3)	0.000000	0.000000
CP_S_3(4, 2, 4)	0.000000	0.000000
CP_S_3(4, 3, 1)	1320.000	0.000000
CP_S_3(4, 3, 2)	1430.000	0.000000
CP_S_3(4, 3, 3)	1540.000	0.000000
CP_S_3(4, 3, 4)	1540.000	0.000000
CP_S_3(4, 4, 1)	1430.000	0.000000
CP_S_3(4, 4, 2)	1430.000	0.000000
CP_S_3(4, 4, 3)	1540.000	0.000000
CP_S_3(4, 4, 4)	1760.000	0.000000
CP_S_3(4, 5, 1)	1100.000	0.000000
CP_S_3(4, 5, 2)	1100.000	0.000000
CP_S_3(4, 5, 3)	1100.000	0.000000
CP_S_3(4, 5, 4)	1430.000	0.000000
CP_S_3(4, 6, 1)	1430.000	0.000000
CP_S_3(4, 6, 2)	1760.000	0.000000
CP_S_3(4, 6, 3)	1760.000	0.000000
CP_S_3(4, 6, 4)	1760.000	0.000000
CP_S_3(4, 7, 1)	0.000000	0.000000
CP_S_3(4, 7, 2)	0.000000	0.000000
CP_S_3(4, 7, 3)	0.000000	0.000000
CP_S_3(4, 7, 4)	0.000000	0.000000
CP_S_3(4, 8, 1)	0.000000	0.000000
CP_S_3(4, 8, 2)	0.000000	0.000000
CP_S_3(4, 8, 3)	0.000000	0.000000
CP_S_3(4, 8, 4)	0.000000	0.000000
CP_S_3(4, 9, 1)	0.000000	0.000000
CP_S_3(4, 9, 2)	0.000000	0.000000
CP_S_3(4, 9, 3)	0.000000	0.000000
CP_S_3(4, 9, 4)	0.000000	0.000000
CP_S_3(5, 1, 1)	0.000000	0.000000
CP_S_3(5, 1, 2)	0.000000	0.000000
CP_S_3(5, 1, 3)	0.000000	0.000000
CP_S_3(5, 1, 4)	0.000000	0.000000
CP_S_3(5, 2, 1)	0.000000	0.000000
CP_S_3(5, 2, 2)	0.000000	0.000000
CP_S_3(5, 2, 3)	0.000000	0.000000
CP_S_3(5, 2, 4)	0.000000	0.000000
CP_S_3(5, 3, 1)	0.000000	0.000000
CP_S_3(5, 3, 2)	0.000000	0.000000
CP_S_3(5, 3, 3)	0.000000	0.000000
CP_S_3(5, 3, 4)	0.000000	0.000000
CP_S_3(5, 4, 1)	0.000000	0.000000
CP_S_3(5, 4, 2)	0.000000	0.000000
CP_S_3(5, 4, 3)	0.000000	0.000000
CP_S_3(5, 4, 4)	0.000000	0.000000
CP_S_3(5, 5, 1)	0.000000	0.000000
CP_S_3(5, 5, 2)	0.000000	0.000000
CP_S_3(5, 5, 3)	0.000000	0.000000
CP_S_3(5, 5, 4)	0.000000	0.000000
CP_S_3(5, 6, 1)	0.000000	0.000000
CP_S_3(5, 6, 2)	0.000000	0.000000
CP_S_3(5, 6, 3)	0.000000	0.000000
CP_S_3(5, 6, 4)	0.000000	0.000000
CP_S_3(5, 7, 1)	4290.000	0.000000
CP_S_3(5, 7, 2)	4510.000	0.000000
CP_S_3(5, 7, 3)	4730.000	0.000000
CP_S_3(5, 7, 4)	4950.000	0.000000
CP_S_3(5, 8, 1)	4730.000	0.000000
CP_S_3(5, 8, 2)	4950.000	0.000000
CP_S_3(5, 8, 3)	5170.000	0.000000
CP_S_3(5, 8, 4)	5170.000	0.000000
CP_S_3(5, 9, 1)	5390.000	0.000000
CP_S_3(5, 9, 2)	5390.000	0.000000
CP_S_3(5, 9, 3)	5610.000	0.000000
CP_S_3(5, 9, 4)	6050.000	0.000000

CP_S_3(6, 1, 1)	0.000000	0.000000
CP_S_3(6, 1, 2)	0.000000	0.000000
CP_S_3(6, 1, 3)	0.000000	0.000000
CP_S_3(6, 1, 4)	0.000000	0.000000
CP_S_3(6, 2, 1)	0.000000	0.000000
CP_S_3(6, 2, 2)	0.000000	0.000000
CP_S_3(6, 2, 3)	0.000000	0.000000
CP_S_3(6, 2, 4)	0.000000	0.000000
CP_S_3(6, 3, 1)	0.000000	0.000000
CP_S_3(6, 3, 2)	0.000000	0.000000
CP_S_3(6, 3, 3)	0.000000	0.000000
CP_S_3(6, 3, 4)	0.000000	0.000000
CP_S_3(6, 4, 1)	0.000000	0.000000
CP_S_3(6, 4, 2)	0.000000	0.000000
CP_S_3(6, 4, 3)	0.000000	0.000000
CP_S_3(6, 4, 4)	0.000000	0.000000
CP_S_3(6, 5, 1)	0.000000	0.000000
CP_S_3(6, 5, 2)	0.000000	0.000000
CP_S_3(6, 5, 3)	0.000000	0.000000
CP_S_3(6, 5, 4)	0.000000	0.000000
CP_S_3(6, 6, 1)	0.000000	0.000000
CP_S_3(6, 6, 2)	0.000000	0.000000
CP_S_3(6, 6, 3)	0.000000	0.000000
CP_S_3(6, 6, 4)	0.000000	0.000000
CP_S_3(6, 7, 1)	4950.000	0.000000
CP_S_3(6, 7, 2)	5170.000	0.000000
CP_S_3(6, 7, 3)	5170.000	0.000000
CP_S_3(6, 7, 4)	5390.000	0.000000
CP_S_3(6, 8, 1)	5610.000	0.000000
CP_S_3(6, 8, 2)	5830.000	0.000000
CP_S_3(6, 8, 3)	6050.000	0.000000
CP_S_3(6, 8, 4)	6050.000	0.000000
CP_S_3(6, 9, 1)	6270.000	0.000000
CP_S_3(6, 9, 2)	6380.000	0.000000
CP_S_3(6, 9, 3)	6490.000	0.000000
CP_S_3(6, 9, 4)	6820.000	0.000000
CP_S_AU(1, 1, 1)	6405.000	0.000000
CP_S_AU(1, 1, 2)	7455.000	0.000000
CP_S_AU(1, 1, 3)	7560.000	0.000000
CP_S_AU(1, 1, 4)	7665.000	0.000000
CP_S_AU(1, 2, 1)	7455.000	0.000000
CP_S_AU(1, 2, 2)	7875.000	0.000000
CP_S_AU(1, 2, 3)	8190.000	0.000000
CP_S_AU(1, 2, 4)	8400.000	0.000000
CP_S_AU(1, 3, 1)	0.000000	0.000000
CP_S_AU(1, 3, 2)	0.000000	0.000000
CP_S_AU(1, 3, 3)	0.000000	0.000000
CP_S_AU(1, 3, 4)	0.000000	0.000000
CP_S_AU(1, 4, 1)	0.000000	0.000000
CP_S_AU(1, 4, 2)	0.000000	0.000000
CP_S_AU(1, 4, 3)	0.000000	0.000000
CP_S_AU(1, 4, 4)	0.000000	0.000000
CP_S_AU(1, 5, 1)	0.000000	0.000000
CP_S_AU(1, 5, 2)	0.000000	0.000000
CP_S_AU(1, 5, 3)	0.000000	0.000000
CP_S_AU(1, 5, 4)	0.000000	0.000000
CP_S_AU(1, 6, 1)	0.000000	0.000000
CP_S_AU(1, 6, 2)	0.000000	0.000000
CP_S_AU(1, 6, 3)	0.000000	0.000000
CP_S_AU(1, 6, 4)	0.000000	0.000000
CP_S_AU(1, 7, 1)	0.000000	0.000000
CP_S_AU(1, 7, 2)	0.000000	0.000000
CP_S_AU(1, 7, 3)	0.000000	0.000000
CP_S_AU(1, 7, 4)	0.000000	0.000000
CP_S_AU(1, 8, 1)	0.000000	0.000000
CP_S_AU(1, 8, 2)	0.000000	0.000000

CP_S_AU(1, 8, 3)	0.000000	0.000000
CP_S_AU(1, 8, 4)	0.000000	0.000000
CP_S_AU(1, 9, 1)	0.000000	0.000000
CP_S_AU(1, 9, 2)	0.000000	0.000000
CP_S_AU(1, 9, 3)	0.000000	0.000000
CP_S_AU(1, 9, 4)	0.000000	0.000000
CP_S_AU(2, 1, 1)	0.000000	0.000000
CP_S_AU(2, 1, 2)	0.000000	0.000000
CP_S_AU(2, 1, 3)	0.000000	0.000000
CP_S_AU(2, 1, 4)	0.000000	0.000000
CP_S_AU(2, 2, 1)	0.000000	0.000000
CP_S_AU(2, 2, 2)	0.000000	0.000000
CP_S_AU(2, 2, 3)	0.000000	0.000000
CP_S_AU(2, 2, 4)	0.000000	0.000000
CP_S_AU(2, 3, 1)	1890.000	0.000000
CP_S_AU(2, 3, 2)	2520.000	0.000000
CP_S_AU(2, 3, 3)	2835.000	0.000000
CP_S_AU(2, 3, 4)	2835.000	0.000000
CP_S_AU(2, 4, 1)	1890.000	0.000000
CP_S_AU(2, 4, 2)	2205.000	0.000000
CP_S_AU(2, 4, 3)	2205.000	0.000000
CP_S_AU(2, 4, 4)	2205.000	0.000000
CP_S_AU(2, 5, 1)	1890.000	0.000000
CP_S_AU(2, 5, 2)	2100.000	0.000000
CP_S_AU(2, 5, 3)	2415.000	0.000000
CP_S_AU(2, 5, 4)	2520.000	0.000000
CP_S_AU(2, 6, 1)	1890.000	0.000000
CP_S_AU(2, 6, 2)	2520.000	0.000000
CP_S_AU(2, 6, 3)	2520.000	0.000000
CP_S_AU(2, 6, 4)	2520.000	0.000000
CP_S_AU(2, 7, 1)	0.000000	0.000000
CP_S_AU(2, 7, 2)	0.000000	0.000000
CP_S_AU(2, 7, 3)	0.000000	0.000000
CP_S_AU(2, 7, 4)	0.000000	0.000000
CP_S_AU(2, 8, 1)	0.000000	0.000000
CP_S_AU(2, 8, 2)	0.000000	0.000000
CP_S_AU(2, 8, 3)	0.000000	0.000000
CP_S_AU(2, 8, 4)	0.000000	0.000000
CP_S_AU(2, 9, 1)	0.000000	0.000000
CP_S_AU(2, 9, 2)	0.000000	0.000000
CP_S_AU(2, 9, 3)	0.000000	0.000000
CP_S_AU(2, 9, 4)	0.000000	0.000000
CP_S_AU(3, 1, 1)	0.000000	0.000000
CP_S_AU(3, 1, 2)	0.000000	0.000000
CP_S_AU(3, 1, 3)	0.000000	0.000000
CP_S_AU(3, 1, 4)	0.000000	0.000000
CP_S_AU(3, 2, 1)	0.000000	0.000000
CP_S_AU(3, 2, 2)	0.000000	0.000000
CP_S_AU(3, 2, 3)	0.000000	0.000000
CP_S_AU(3, 2, 4)	0.000000	0.000000
CP_S_AU(3, 3, 1)	1050.000	0.000000
CP_S_AU(3, 3, 2)	1260.000	0.000000
CP_S_AU(3, 3, 3)	1365.000	0.000000
CP_S_AU(3, 3, 4)	1470.000	0.000000
CP_S_AU(3, 4, 1)	1365.000	0.000000
CP_S_AU(3, 4, 2)	1365.000	0.000000
CP_S_AU(3, 4, 3)	1470.000	0.000000
CP_S_AU(3, 4, 4)	1470.000	0.000000
CP_S_AU(3, 5, 1)	840.0000	0.000000
CP_S_AU(3, 5, 2)	840.0000	0.000000
CP_S_AU(3, 5, 3)	1050.000	0.000000
CP_S_AU(3, 5, 4)	1260.000	0.000000
CP_S_AU(3, 6, 1)	1365.000	0.000000
CP_S_AU(3, 6, 2)	1470.000	0.000000
CP_S_AU(3, 6, 3)	1680.000	0.000000
CP_S_AU(3, 6, 4)	1680.000	0.000000

CP_S_AU(3, 7, 1)	0.000000	0.000000
CP_S_AU(3, 7, 2)	0.000000	0.000000
CP_S_AU(3, 7, 3)	0.000000	0.000000
CP_S_AU(3, 7, 4)	0.000000	0.000000
CP_S_AU(3, 8, 1)	0.000000	0.000000
CP_S_AU(3, 8, 2)	0.000000	0.000000
CP_S_AU(3, 8, 3)	0.000000	0.000000
CP_S_AU(3, 8, 4)	0.000000	0.000000
CP_S_AU(3, 9, 1)	0.000000	0.000000
CP_S_AU(3, 9, 2)	0.000000	0.000000
CP_S_AU(3, 9, 3)	0.000000	0.000000
CP_S_AU(3, 9, 4)	0.000000	0.000000
CP_S_AU(4, 1, 1)	0.000000	0.000000
CP_S_AU(4, 1, 2)	0.000000	0.000000
CP_S_AU(4, 1, 3)	0.000000	0.000000
CP_S_AU(4, 1, 4)	0.000000	0.000000
CP_S_AU(4, 2, 1)	0.000000	0.000000
CP_S_AU(4, 2, 2)	0.000000	0.000000
CP_S_AU(4, 2, 3)	0.000000	0.000000
CP_S_AU(4, 2, 4)	0.000000	0.000000
CP_S_AU(4, 3, 1)	1260.000	0.000000
CP_S_AU(4, 3, 2)	1365.000	0.000000
CP_S_AU(4, 3, 3)	1470.000	0.000000
CP_S_AU(4, 3, 4)	1470.000	0.000000
CP_S_AU(4, 4, 1)	1365.000	0.000000
CP_S_AU(4, 4, 2)	1365.000	0.000000
CP_S_AU(4, 4, 3)	1470.000	0.000000
CP_S_AU(4, 4, 4)	1680.000	0.000000
CP_S_AU(4, 5, 1)	1050.000	0.000000
CP_S_AU(4, 5, 2)	1050.000	0.000000
CP_S_AU(4, 5, 3)	1050.000	0.000000
CP_S_AU(4, 5, 4)	1365.000	0.000000
CP_S_AU(4, 6, 1)	1365.000	0.000000
CP_S_AU(4, 6, 2)	1680.000	0.000000
CP_S_AU(4, 6, 3)	1680.000	0.000000
CP_S_AU(4, 6, 4)	1680.000	0.000000
CP_S_AU(4, 7, 1)	0.000000	0.000000
CP_S_AU(4, 7, 2)	0.000000	0.000000
CP_S_AU(4, 7, 3)	0.000000	0.000000
CP_S_AU(4, 7, 4)	0.000000	0.000000
CP_S_AU(4, 8, 1)	0.000000	0.000000
CP_S_AU(4, 8, 2)	0.000000	0.000000
CP_S_AU(4, 8, 3)	0.000000	0.000000
CP_S_AU(4, 8, 4)	0.000000	0.000000
CP_S_AU(4, 9, 1)	0.000000	0.000000
CP_S_AU(4, 9, 2)	0.000000	0.000000
CP_S_AU(4, 9, 3)	0.000000	0.000000
CP_S_AU(4, 9, 4)	0.000000	0.000000
CP_S_AU(5, 1, 1)	0.000000	0.000000
CP_S_AU(5, 1, 2)	0.000000	0.000000
CP_S_AU(5, 1, 3)	0.000000	0.000000
CP_S_AU(5, 1, 4)	0.000000	0.000000
CP_S_AU(5, 2, 1)	0.000000	0.000000
CP_S_AU(5, 2, 2)	0.000000	0.000000
CP_S_AU(5, 2, 3)	0.000000	0.000000
CP_S_AU(5, 2, 4)	0.000000	0.000000
CP_S_AU(5, 3, 1)	0.000000	0.000000
CP_S_AU(5, 3, 2)	0.000000	0.000000
CP_S_AU(5, 3, 3)	0.000000	0.000000
CP_S_AU(5, 3, 4)	0.000000	0.000000
CP_S_AU(5, 4, 1)	0.000000	0.000000
CP_S_AU(5, 4, 2)	0.000000	0.000000
CP_S_AU(5, 4, 3)	0.000000	0.000000
CP_S_AU(5, 4, 4)	0.000000	0.000000
CP_S_AU(5, 5, 1)	0.000000	0.000000
CP_S_AU(5, 5, 2)	0.000000	0.000000

CP_S_AU(5, 5, 3)	0.000000	0.000000
CP_S_AU(5, 5, 4)	0.000000	0.000000
CP_S_AU(5, 6, 1)	0.000000	0.000000
CP_S_AU(5, 6, 2)	0.000000	0.000000
CP_S_AU(5, 6, 3)	0.000000	0.000000
CP_S_AU(5, 6, 4)	0.000000	0.000000
CP_S_AU(5, 7, 1)	4095.000	0.000000
CP_S_AU(5, 7, 2)	4305.000	0.000000
CP_S_AU(5, 7, 3)	4515.000	0.000000
CP_S_AU(5, 7, 4)	4725.000	0.000000
CP_S_AU(5, 8, 1)	4515.000	0.000000
CP_S_AU(5, 8, 2)	4725.000	0.000000
CP_S_AU(5, 8, 3)	4935.000	0.000000
CP_S_AU(5, 8, 4)	4935.000	0.000000
CP_S_AU(5, 9, 1)	5145.000	0.000000
CP_S_AU(5, 9, 2)	5145.000	0.000000
CP_S_AU(5, 9, 3)	5355.000	0.000000
CP_S_AU(5, 9, 4)	5775.000	0.000000
CP_S_AU(6, 1, 1)	0.000000	0.000000
CP_S_AU(6, 1, 2)	0.000000	0.000000
CP_S_AU(6, 1, 3)	0.000000	0.000000
CP_S_AU(6, 1, 4)	0.000000	0.000000
CP_S_AU(6, 2, 1)	0.000000	0.000000
CP_S_AU(6, 2, 2)	0.000000	0.000000
CP_S_AU(6, 2, 3)	0.000000	0.000000
CP_S_AU(6, 2, 4)	0.000000	0.000000
CP_S_AU(6, 3, 1)	0.000000	0.000000
CP_S_AU(6, 3, 2)	0.000000	0.000000
CP_S_AU(6, 3, 3)	0.000000	0.000000
CP_S_AU(6, 3, 4)	0.000000	0.000000
CP_S_AU(6, 4, 1)	0.000000	0.000000
CP_S_AU(6, 4, 2)	0.000000	0.000000
CP_S_AU(6, 4, 3)	0.000000	0.000000
CP_S_AU(6, 4, 4)	0.000000	0.000000
CP_S_AU(6, 5, 1)	0.000000	0.000000
CP_S_AU(6, 5, 2)	0.000000	0.000000
CP_S_AU(6, 5, 3)	0.000000	0.000000
CP_S_AU(6, 5, 4)	0.000000	0.000000
CP_S_AU(6, 6, 1)	0.000000	0.000000
CP_S_AU(6, 6, 2)	0.000000	0.000000
CP_S_AU(6, 6, 3)	0.000000	0.000000
CP_S_AU(6, 6, 4)	0.000000	0.000000
CP_S_AU(6, 7, 1)	4725.000	0.000000
CP_S_AU(6, 7, 2)	4935.000	0.000000
CP_S_AU(6, 7, 3)	4935.000	0.000000
CP_S_AU(6, 7, 4)	5145.000	0.000000
CP_S_AU(6, 8, 1)	5355.000	0.000000
CP_S_AU(6, 8, 2)	5565.000	0.000000
CP_S_AU(6, 8, 3)	5775.000	0.000000
CP_S_AU(6, 8, 4)	5775.000	0.000000
CP_S_AU(6, 9, 1)	5985.000	0.000000
CP_S_AU(6, 9, 2)	6090.000	0.000000
CP_S_AU(6, 9, 3)	6195.000	0.000000
CP_S_AU(6, 9, 4)	6510.000	0.000000
CP_S_AL(1, 1, 1)	5795.000	0.000000
CP_S_AL(1, 1, 2)	6745.000	0.000000
CP_S_AL(1, 1, 3)	6840.000	0.000000
CP_S_AL(1, 1, 4)	6935.000	0.000000
CP_S_AL(1, 2, 1)	6745.000	0.000000
CP_S_AL(1, 2, 2)	7125.000	0.000000
CP_S_AL(1, 2, 3)	7410.000	0.000000
CP_S_AL(1, 2, 4)	7600.000	0.000000
CP_S_AL(1, 3, 1)	0.000000	0.000000
CP_S_AL(1, 3, 2)	0.000000	0.000000
CP_S_AL(1, 3, 3)	0.000000	0.000000
CP_S_AL(1, 3, 4)	0.000000	0.000000

CP_S_AL(1, 4, 1)	0.000000	0.000000
CP_S_AL(1, 4, 2)	0.000000	0.000000
CP_S_AL(1, 4, 3)	0.000000	0.000000
CP_S_AL(1, 4, 4)	0.000000	0.000000
CP_S_AL(1, 5, 1)	0.000000	0.000000
CP_S_AL(1, 5, 2)	0.000000	0.000000
CP_S_AL(1, 5, 3)	0.000000	0.000000
CP_S_AL(1, 5, 4)	0.000000	0.000000
CP_S_AL(1, 6, 1)	0.000000	0.000000
CP_S_AL(1, 6, 2)	0.000000	0.000000
CP_S_AL(1, 6, 3)	0.000000	0.000000
CP_S_AL(1, 6, 4)	0.000000	0.000000
CP_S_AL(1, 7, 1)	0.000000	0.000000
CP_S_AL(1, 7, 2)	0.000000	0.000000
CP_S_AL(1, 7, 3)	0.000000	0.000000
CP_S_AL(1, 7, 4)	0.000000	0.000000
CP_S_AL(1, 8, 1)	0.000000	0.000000
CP_S_AL(1, 8, 2)	0.000000	0.000000
CP_S_AL(1, 8, 3)	0.000000	0.000000
CP_S_AL(1, 8, 4)	0.000000	0.000000
CP_S_AL(1, 9, 1)	0.000000	0.000000
CP_S_AL(1, 9, 2)	0.000000	0.000000
CP_S_AL(1, 9, 3)	0.000000	0.000000
CP_S_AL(1, 9, 4)	0.000000	0.000000
CP_S_AL(2, 1, 1)	0.000000	0.000000
CP_S_AL(2, 1, 2)	0.000000	0.000000
CP_S_AL(2, 1, 3)	0.000000	0.000000
CP_S_AL(2, 1, 4)	0.000000	0.000000
CP_S_AL(2, 2, 1)	0.000000	0.000000
CP_S_AL(2, 2, 2)	0.000000	0.000000
CP_S_AL(2, 2, 3)	0.000000	0.000000
CP_S_AL(2, 2, 4)	0.000000	0.000000
CP_S_AL(2, 3, 1)	1710.000	0.000000
CP_S_AL(2, 3, 2)	2280.000	0.000000
CP_S_AL(2, 3, 3)	2565.000	0.000000
CP_S_AL(2, 3, 4)	2565.000	0.000000
CP_S_AL(2, 4, 1)	1710.000	0.000000
CP_S_AL(2, 4, 2)	1995.000	0.000000
CP_S_AL(2, 4, 3)	1995.000	0.000000
CP_S_AL(2, 4, 4)	1995.000	0.000000
CP_S_AL(2, 5, 1)	1710.000	0.000000
CP_S_AL(2, 5, 2)	1900.000	0.000000
CP_S_AL(2, 5, 3)	2185.000	0.000000
CP_S_AL(2, 5, 4)	2280.000	0.000000
CP_S_AL(2, 6, 1)	1710.000	0.000000
CP_S_AL(2, 6, 2)	2280.000	0.000000
CP_S_AL(2, 6, 3)	2280.000	0.000000
CP_S_AL(2, 6, 4)	2280.000	0.000000
CP_S_AL(2, 7, 1)	0.000000	0.000000
CP_S_AL(2, 7, 2)	0.000000	0.000000
CP_S_AL(2, 7, 3)	0.000000	0.000000
CP_S_AL(2, 7, 4)	0.000000	0.000000
CP_S_AL(2, 8, 1)	0.000000	0.000000
CP_S_AL(2, 8, 2)	0.000000	0.000000
CP_S_AL(2, 8, 3)	0.000000	0.000000
CP_S_AL(2, 8, 4)	0.000000	0.000000
CP_S_AL(2, 9, 1)	0.000000	0.000000
CP_S_AL(2, 9, 2)	0.000000	0.000000
CP_S_AL(2, 9, 3)	0.000000	0.000000
CP_S_AL(2, 9, 4)	0.000000	0.000000
CP_S_AL(3, 1, 1)	0.000000	0.000000
CP_S_AL(3, 1, 2)	0.000000	0.000000
CP_S_AL(3, 1, 3)	0.000000	0.000000
CP_S_AL(3, 1, 4)	0.000000	0.000000
CP_S_AL(3, 2, 1)	0.000000	0.000000
CP_S_AL(3, 2, 2)	0.000000	0.000000

CP_S_AL(3, 2, 3)	0.000000	0.000000
CP_S_AL(3, 2, 4)	0.000000	0.000000
CP_S_AL(3, 3, 1)	950.0000	0.000000
CP_S_AL(3, 3, 2)	1140.0000	0.000000
CP_S_AL(3, 3, 3)	1235.0000	0.000000
CP_S_AL(3, 3, 4)	1330.0000	0.000000
CP_S_AL(3, 4, 1)	1235.0000	0.000000
CP_S_AL(3, 4, 2)	1235.0000	0.000000
CP_S_AL(3, 4, 3)	1330.0000	0.000000
CP_S_AL(3, 4, 4)	1330.0000	0.000000
CP_S_AL(3, 5, 1)	760.0000	0.000000
CP_S_AL(3, 5, 2)	760.0000	0.000000
CP_S_AL(3, 5, 3)	950.0000	0.000000
CP_S_AL(3, 5, 4)	1140.0000	0.000000
CP_S_AL(3, 6, 1)	1235.0000	0.000000
CP_S_AL(3, 6, 2)	1330.0000	0.000000
CP_S_AL(3, 6, 3)	1520.0000	0.000000
CP_S_AL(3, 6, 4)	1520.0000	0.000000
CP_S_AL(3, 7, 1)	0.000000	0.000000
CP_S_AL(3, 7, 2)	0.000000	0.000000
CP_S_AL(3, 7, 3)	0.000000	0.000000
CP_S_AL(3, 7, 4)	0.000000	0.000000
CP_S_AL(3, 8, 1)	0.000000	0.000000
CP_S_AL(3, 8, 2)	0.000000	0.000000
CP_S_AL(3, 8, 3)	0.000000	0.000000
CP_S_AL(3, 8, 4)	0.000000	0.000000
CP_S_AL(3, 9, 1)	0.000000	0.000000
CP_S_AL(3, 9, 2)	0.000000	0.000000
CP_S_AL(3, 9, 3)	0.000000	0.000000
CP_S_AL(3, 9, 4)	0.000000	0.000000
CP_S_AL(4, 1, 1)	0.000000	0.000000
CP_S_AL(4, 1, 2)	0.000000	0.000000
CP_S_AL(4, 1, 3)	0.000000	0.000000
CP_S_AL(4, 1, 4)	0.000000	0.000000
CP_S_AL(4, 2, 1)	0.000000	0.000000
CP_S_AL(4, 2, 2)	0.000000	0.000000
CP_S_AL(4, 2, 3)	0.000000	0.000000
CP_S_AL(4, 2, 4)	0.000000	0.000000
CP_S_AL(4, 3, 1)	1140.0000	0.000000
CP_S_AL(4, 3, 2)	1235.0000	0.000000
CP_S_AL(4, 3, 3)	1330.0000	0.000000
CP_S_AL(4, 3, 4)	1330.0000	0.000000
CP_S_AL(4, 4, 1)	1235.0000	0.000000
CP_S_AL(4, 4, 2)	1235.0000	0.000000
CP_S_AL(4, 4, 3)	1330.0000	0.000000
CP_S_AL(4, 4, 4)	1520.0000	0.000000
CP_S_AL(4, 5, 1)	950.0000	0.000000
CP_S_AL(4, 5, 2)	950.0000	0.000000
CP_S_AL(4, 5, 3)	950.0000	0.000000
CP_S_AL(4, 5, 4)	1235.0000	0.000000
CP_S_AL(4, 6, 1)	1235.0000	0.000000
CP_S_AL(4, 6, 2)	1520.0000	0.000000
CP_S_AL(4, 6, 3)	1520.0000	0.000000
CP_S_AL(4, 6, 4)	1520.0000	0.000000
CP_S_AL(4, 7, 1)	0.000000	0.000000
CP_S_AL(4, 7, 2)	0.000000	0.000000
CP_S_AL(4, 7, 3)	0.000000	0.000000
CP_S_AL(4, 7, 4)	0.000000	0.000000
CP_S_AL(4, 8, 1)	0.000000	0.000000
CP_S_AL(4, 8, 2)	0.000000	0.000000
CP_S_AL(4, 8, 3)	0.000000	0.000000
CP_S_AL(4, 8, 4)	0.000000	0.000000
CP_S_AL(4, 9, 1)	0.000000	0.000000
CP_S_AL(4, 9, 2)	0.000000	0.000000
CP_S_AL(4, 9, 3)	0.000000	0.000000
CP_S_AL(4, 9, 4)	0.000000	0.000000

CP_S_AL(5, 1, 1)	0.000000	0.000000
CP_S_AL(5, 1, 2)	0.000000	0.000000
CP_S_AL(5, 1, 3)	0.000000	0.000000
CP_S_AL(5, 1, 4)	0.000000	0.000000
CP_S_AL(5, 2, 1)	0.000000	0.000000
CP_S_AL(5, 2, 2)	0.000000	0.000000
CP_S_AL(5, 2, 3)	0.000000	0.000000
CP_S_AL(5, 2, 4)	0.000000	0.000000
CP_S_AL(5, 3, 1)	0.000000	0.000000
CP_S_AL(5, 3, 2)	0.000000	0.000000
CP_S_AL(5, 3, 3)	0.000000	0.000000
CP_S_AL(5, 3, 4)	0.000000	0.000000
CP_S_AL(5, 4, 1)	0.000000	0.000000
CP_S_AL(5, 4, 2)	0.000000	0.000000
CP_S_AL(5, 4, 3)	0.000000	0.000000
CP_S_AL(5, 4, 4)	0.000000	0.000000
CP_S_AL(5, 5, 1)	0.000000	0.000000
CP_S_AL(5, 5, 2)	0.000000	0.000000
CP_S_AL(5, 5, 3)	0.000000	0.000000
CP_S_AL(5, 5, 4)	0.000000	0.000000
CP_S_AL(5, 6, 1)	0.000000	0.000000
CP_S_AL(5, 6, 2)	0.000000	0.000000
CP_S_AL(5, 6, 3)	0.000000	0.000000
CP_S_AL(5, 6, 4)	0.000000	0.000000
CP_S_AL(5, 7, 1)	3705.000	0.000000
CP_S_AL(5, 7, 2)	3895.000	0.000000
CP_S_AL(5, 7, 3)	4085.000	0.000000
CP_S_AL(5, 7, 4)	4275.000	0.000000
CP_S_AL(5, 8, 1)	4085.000	0.000000
CP_S_AL(5, 8, 2)	4275.000	0.000000
CP_S_AL(5, 8, 3)	4465.000	0.000000
CP_S_AL(5, 8, 4)	4465.000	0.000000
CP_S_AL(5, 9, 1)	4655.000	0.000000
CP_S_AL(5, 9, 2)	4655.000	0.000000
CP_S_AL(5, 9, 3)	4845.000	0.000000
CP_S_AL(5, 9, 4)	5225.000	0.000000
CP_S_AL(6, 1, 1)	0.000000	0.000000
CP_S_AL(6, 1, 2)	0.000000	0.000000
CP_S_AL(6, 1, 3)	0.000000	0.000000
CP_S_AL(6, 1, 4)	0.000000	0.000000
CP_S_AL(6, 2, 1)	0.000000	0.000000
CP_S_AL(6, 2, 2)	0.000000	0.000000
CP_S_AL(6, 2, 3)	0.000000	0.000000
CP_S_AL(6, 2, 4)	0.000000	0.000000
CP_S_AL(6, 3, 1)	0.000000	0.000000
CP_S_AL(6, 3, 2)	0.000000	0.000000
CP_S_AL(6, 3, 3)	0.000000	0.000000
CP_S_AL(6, 3, 4)	0.000000	0.000000
CP_S_AL(6, 4, 1)	0.000000	0.000000
CP_S_AL(6, 4, 2)	0.000000	0.000000
CP_S_AL(6, 4, 3)	0.000000	0.000000
CP_S_AL(6, 4, 4)	0.000000	0.000000
CP_S_AL(6, 5, 1)	0.000000	0.000000
CP_S_AL(6, 5, 2)	0.000000	0.000000
CP_S_AL(6, 5, 3)	0.000000	0.000000
CP_S_AL(6, 5, 4)	0.000000	0.000000
CP_S_AL(6, 6, 1)	0.000000	0.000000
CP_S_AL(6, 6, 2)	0.000000	0.000000
CP_S_AL(6, 6, 3)	0.000000	0.000000
CP_S_AL(6, 6, 4)	0.000000	0.000000
CP_S_AL(6, 7, 1)	4275.000	0.000000
CP_S_AL(6, 7, 2)	4465.000	0.000000
CP_S_AL(6, 7, 3)	4465.000	0.000000
CP_S_AL(6, 7, 4)	4655.000	0.000000
CP_S_AL(6, 8, 1)	4845.000	0.000000
CP_S_AL(6, 8, 2)	5035.000	0.000000

CP_S_AL(6, 8, 3)	5225.000	0.000000
CP_S_AL(6, 8, 4)	5225.000	0.000000
CP_S_AL(6, 9, 1)	5415.000	0.000000
CP_S_AL(6, 9, 2)	5510.000	0.000000
CP_S_AL(6, 9, 3)	5605.000	0.000000
CP_S_AL(6, 9, 4)	5890.000	0.000000
Y_S(1, 1, 1)	1.000000	0.2185803E-04
Y_S(1, 1, 2)	1.000000	0.1064490E-03
Y_S(1, 1, 3)	1.000000	0.2040606E-03
Y_S(1, 1, 4)	1.000000	0.2197576E-03
Y_S(1, 2, 1)	0.000000	0.1883636E-03
Y_S(1, 2, 2)	0.000000	0.1883636E-03
Y_S(1, 2, 3)	0.000000	0.2197576E-03
Y_S(1, 2, 4)	0.000000	0.2197576E-03
Y_S(1, 3, 1)	0.000000	0.1569697E+12
Y_S(1, 3, 2)	0.000000	0.1569697E+12
Y_S(1, 3, 3)	0.000000	0.1569697E+12
Y_S(1, 3, 4)	0.000000	0.1569697E+12
Y_S(1, 4, 1)	0.000000	0.1569697E+12
Y_S(1, 4, 2)	0.000000	0.1569697E+12
Y_S(1, 4, 3)	0.000000	0.1569697E+12
Y_S(1, 4, 4)	0.000000	0.1569697E+12
Y_S(1, 5, 1)	0.000000	0.1569697E+12
Y_S(1, 5, 2)	0.000000	0.1569697E+12
Y_S(1, 5, 3)	0.000000	0.1569697E+12
Y_S(1, 5, 4)	0.000000	0.1569697E+12
Y_S(1, 6, 1)	0.000000	0.1569697E+12
Y_S(1, 6, 2)	0.000000	0.1569697E+12
Y_S(1, 6, 3)	0.000000	0.1569697E+12
Y_S(1, 6, 4)	0.000000	0.1569697E+12
Y_S(1, 7, 1)	0.000000	0.1569697E+12
Y_S(1, 7, 2)	0.000000	0.1569697E+12
Y_S(1, 7, 3)	0.000000	0.1569697E+12
Y_S(1, 7, 4)	0.000000	0.1569697E+12
Y_S(1, 8, 1)	0.000000	0.1569697E+12
Y_S(1, 8, 2)	0.000000	0.1569697E+12
Y_S(1, 8, 3)	0.000000	0.1569697E+12
Y_S(1, 8, 4)	0.000000	0.1569697E+12
Y_S(1, 9, 1)	0.000000	0.1569697E+12
Y_S(1, 9, 2)	0.000000	0.1569697E+12
Y_S(1, 9, 3)	0.000000	0.1569697E+12
Y_S(1, 9, 4)	0.000000	0.1569697E+12
Y_S(2, 1, 1)	0.000000	0.1569697E+12
Y_S(2, 1, 2)	0.000000	0.1569697E+12
Y_S(2, 1, 3)	0.000000	0.1569697E+12
Y_S(2, 1, 4)	0.000000	0.1569697E+12
Y_S(2, 2, 1)	0.000000	0.1569697E+12
Y_S(2, 2, 2)	0.000000	0.1569697E+12
Y_S(2, 2, 3)	0.000000	0.1569697E+12
Y_S(2, 2, 4)	0.000000	0.1569697E+12
Y_S(2, 3, 1)	1.000000	-0.1137135E-01
Y_S(2, 3, 2)	1.000000	-0.1056861E-01
Y_S(2, 3, 3)	1.000000	-0.1060076E-01
Y_S(2, 3, 4)	1.000000	-0.1025576E-01
Y_S(2, 4, 1)	1.000000	-0.2783855E-02
Y_S(2, 4, 2)	1.000000	0.1726667E-03
Y_S(2, 4, 3)	0.000000	0.1883636E-03
Y_S(2, 4, 4)	0.000000	0.2040606E-03
Y_S(2, 5, 1)	1.000000	-0.1225023E-01
Y_S(2, 5, 2)	1.000000	-0.9696721E-02
Y_S(2, 5, 3)	1.000000	-0.9328920E-02
Y_S(2, 5, 4)	1.000000	-0.9007390E-02
Y_S(2, 6, 1)	1.000000	0.2197576E-03
Y_S(2, 6, 2)	0.000000	0.2354546E-03
Y_S(2, 6, 3)	0.000000	0.2354546E-03
Y_S(2, 6, 4)	0.000000	0.2511515E-03

Y_S(2, 7, 1)	0.000000	0.1569697E+12
Y_S(2, 7, 2)	0.000000	0.1569697E+12
Y_S(2, 7, 3)	0.000000	0.1569697E+12
Y_S(2, 7, 4)	0.000000	0.1569697E+12
Y_S(2, 8, 1)	0.000000	0.1569697E+12
Y_S(2, 8, 2)	0.000000	0.1569697E+12
Y_S(2, 8, 3)	0.000000	0.1569697E+12
Y_S(2, 8, 4)	0.000000	0.1569697E+12
Y_S(2, 9, 1)	0.000000	0.1569697E+12
Y_S(2, 9, 2)	0.000000	0.1569697E+12
Y_S(2, 9, 3)	0.000000	0.1569697E+12
Y_S(2, 9, 4)	0.000000	0.1569697E+12
Y_S(3, 1, 1)	0.000000	0.1569697E+12
Y_S(3, 1, 2)	0.000000	0.1569697E+12
Y_S(3, 1, 3)	0.000000	0.1569697E+12
Y_S(3, 1, 4)	0.000000	0.1569697E+12
Y_S(3, 2, 1)	0.000000	0.1569697E+12
Y_S(3, 2, 2)	0.000000	0.1569697E+12
Y_S(3, 2, 3)	0.000000	0.1569697E+12
Y_S(3, 2, 4)	0.000000	0.1569697E+12
Y_S(3, 3, 1)	1.000000	-0.5541879E-02
Y_S(3, 3, 2)	1.000000	-0.6472942E-02
Y_S(3, 3, 3)	1.000000	-0.7038290E-02
Y_S(3, 3, 4)	1.000000	-0.7361481E-02
Y_S(3, 4, 1)	1.000000	-0.1818516E-02
Y_S(3, 4, 2)	1.000000	-0.1827087E-02
Y_S(3, 4, 3)	1.000000	-0.1746009E-02
Y_S(3, 4, 4)	1.000000	-0.1511104E-02
Y_S(3, 5, 1)	1.000000	-0.5847706E-02
Y_S(3, 5, 2)	1.000000	-0.5852980E-02
Y_S(3, 5, 3)	1.000000	-0.7375482E-02
Y_S(3, 5, 4)	1.000000	-0.8703497E-02
Y_S(3, 6, 1)	0.000000	0.2197576E-03
Y_S(3, 6, 2)	0.000000	0.2354546E-03
Y_S(3, 6, 3)	0.000000	0.2354546E-03
Y_S(3, 6, 4)	0.000000	0.2511515E-03
Y_S(3, 7, 1)	0.000000	0.1569697E+12
Y_S(3, 7, 2)	0.000000	0.1569697E+12
Y_S(3, 7, 3)	0.000000	0.1569697E+12
Y_S(3, 7, 4)	0.000000	0.1569697E+12
Y_S(3, 8, 1)	0.000000	0.1569697E+12
Y_S(3, 8, 2)	0.000000	0.1569697E+12
Y_S(3, 8, 3)	0.000000	0.1569697E+12
Y_S(3, 8, 4)	0.000000	0.1569697E+12
Y_S(3, 9, 1)	0.000000	0.1569697E+12
Y_S(3, 9, 2)	0.000000	0.1569697E+12
Y_S(3, 9, 3)	0.000000	0.1569697E+12
Y_S(3, 9, 4)	0.000000	0.1569697E+12
Y_S(4, 1, 1)	0.000000	0.1569697E+12
Y_S(4, 1, 2)	0.000000	0.1569697E+12
Y_S(4, 1, 3)	0.000000	0.1569697E+12
Y_S(4, 1, 4)	0.000000	0.1569697E+12
Y_S(4, 2, 1)	0.000000	0.1569697E+12
Y_S(4, 2, 2)	0.000000	0.1569697E+12
Y_S(4, 2, 3)	0.000000	0.1569697E+12
Y_S(4, 2, 4)	0.000000	0.1569697E+12
Y_S(4, 3, 1)	1.000000	-0.6222029E-02
Y_S(4, 3, 2)	1.000000	-0.6524486E-02
Y_S(4, 3, 3)	1.000000	-0.6810006E-02
Y_S(4, 3, 4)	1.000000	-0.6798924E-02
Y_S(4, 4, 1)	1.000000	-0.1731739E-02
Y_S(4, 4, 2)	1.000000	-0.1517476E-02
Y_S(4, 4, 3)	1.000000	-0.1405659E-02
Y_S(4, 4, 4)	1.000000	-0.1359245E-02
Y_S(4, 5, 1)	1.000000	-0.7115273E-02
Y_S(4, 5, 2)	1.000000	-0.6950455E-02

Y_S(4, 5, 3)	1.000000	-0.6773236E-02
Y_S(4, 5, 4)	1.000000	-0.8664295E-02
Y_S(4, 6, 1)	0.000000	0.2197576E-03
Y_S(4, 6, 2)	0.000000	0.2354546E-03
Y_S(4, 6, 3)	0.000000	0.2354546E-03
Y_S(4, 6, 4)	0.000000	0.2511515E-03
Y_S(4, 7, 1)	0.000000	0.1569697E+12
Y_S(4, 7, 2)	0.000000	0.1569697E+12
Y_S(4, 7, 3)	0.000000	0.1569697E+12
Y_S(4, 7, 4)	0.000000	0.1569697E+12
Y_S(4, 8, 1)	0.000000	0.1569697E+12
Y_S(4, 8, 2)	0.000000	0.1569697E+12
Y_S(4, 8, 3)	0.000000	0.1569697E+12
Y_S(4, 8, 4)	0.000000	0.1569697E+12
Y_S(4, 9, 1)	0.000000	0.1569697E+12
Y_S(4, 9, 2)	0.000000	0.1569697E+12
Y_S(4, 9, 3)	0.000000	0.1569697E+12
Y_S(4, 9, 4)	0.000000	0.1569697E+12
Y_S(5, 1, 1)	0.000000	0.1569697E+12
Y_S(5, 1, 2)	0.000000	0.1569697E+12
Y_S(5, 1, 3)	0.000000	0.1569697E+12
Y_S(5, 1, 4)	0.000000	0.1569697E+12
Y_S(5, 2, 1)	0.000000	0.1569697E+12
Y_S(5, 2, 2)	0.000000	0.1569697E+12
Y_S(5, 2, 3)	0.000000	0.1569697E+12
Y_S(5, 2, 4)	0.000000	0.1569697E+12
Y_S(5, 3, 1)	0.000000	0.1569697E+12
Y_S(5, 3, 2)	0.000000	0.1569697E+12
Y_S(5, 3, 3)	0.000000	0.1569697E+12
Y_S(5, 3, 4)	0.000000	0.1569697E+12
Y_S(5, 4, 1)	0.000000	0.1569697E+12
Y_S(5, 4, 2)	0.000000	0.1569697E+12
Y_S(5, 4, 3)	0.000000	0.1569697E+12
Y_S(5, 4, 4)	0.000000	0.1569697E+12
Y_S(5, 5, 1)	0.000000	0.1569697E+12
Y_S(5, 5, 2)	0.000000	0.1569697E+12
Y_S(5, 5, 3)	0.000000	0.1569697E+12
Y_S(5, 5, 4)	0.000000	0.1569697E+12
Y_S(5, 6, 1)	0.000000	0.1569697E+12
Y_S(5, 6, 2)	0.000000	0.1569697E+12
Y_S(5, 6, 3)	0.000000	0.1569697E+12
Y_S(5, 6, 4)	0.000000	0.1569697E+12
Y_S(5, 7, 1)	1.000000	0.3139394E-03
Y_S(5, 7, 2)	1.000000	0.3296364E-03
Y_S(5, 7, 3)	0.000000	0.3453334E-03
Y_S(5, 7, 4)	1.000000	0.3610303E-03
Y_S(5, 8, 1)	1.000000	-0.1132876E-01
Y_S(5, 8, 2)	1.000000	-0.1185677E-01
Y_S(5, 8, 3)	1.000000	-0.1235380E-01
Y_S(5, 8, 4)	1.000000	-0.1229162E-01
Y_S(5, 9, 1)	0.000000	0.3296364E-03
Y_S(5, 9, 2)	0.000000	0.3296364E-03
Y_S(5, 9, 3)	0.000000	0.3296364E-03
Y_S(5, 9, 4)	0.000000	0.3453334E-03
Y_S(6, 1, 1)	0.000000	0.1569697E+12
Y_S(6, 1, 2)	0.000000	0.1569697E+12
Y_S(6, 1, 3)	0.000000	0.1569697E+12
Y_S(6, 1, 4)	0.000000	0.1569697E+12
Y_S(6, 2, 1)	0.000000	0.1569697E+12
Y_S(6, 2, 2)	0.000000	0.1569697E+12
Y_S(6, 2, 3)	0.000000	0.1569697E+12
Y_S(6, 2, 4)	0.000000	0.1569697E+12
Y_S(6, 3, 1)	0.000000	0.1569697E+12
Y_S(6, 3, 2)	0.000000	0.1569697E+12
Y_S(6, 3, 3)	0.000000	0.1569697E+12
Y_S(6, 3, 4)	0.000000	0.1569697E+12

Y_S(6, 4, 1)	0.000000	0.1569697E+12
Y_S(6, 4, 2)	0.000000	0.1569697E+12
Y_S(6, 4, 3)	0.000000	0.1569697E+12
Y_S(6, 4, 4)	0.000000	0.1569697E+12
Y_S(6, 5, 1)	0.000000	0.1569697E+12
Y_S(6, 5, 2)	0.000000	0.1569697E+12
Y_S(6, 5, 3)	0.000000	0.1569697E+12
Y_S(6, 5, 4)	0.000000	0.1569697E+12
Y_S(6, 6, 1)	0.000000	0.1569697E+12
Y_S(6, 6, 2)	0.000000	0.1569697E+12
Y_S(6, 6, 3)	0.000000	0.1569697E+12
Y_S(6, 6, 4)	0.000000	0.1569697E+12
Y_S(6, 7, 1)	1.000000	-0.1027045E-01
Y_S(6, 7, 2)	1.000000	-0.1066320E-01
Y_S(6, 7, 3)	1.000000	-0.1058553E-01
Y_S(6, 7, 4)	1.000000	-0.1097037E-01
Y_S(6, 8, 1)	1.000000	-0.2589684E-01
Y_S(6, 8, 2)	1.000000	-0.2678158E-01
Y_S(6, 8, 3)	1.000000	-0.2773633E-01
Y_S(6, 8, 4)	1.000000	-0.2766625E-01
Y_S(6, 9, 1)	0.000000	0.3296364E-03
Y_S(6, 9, 2)	0.000000	0.3296364E-03
Y_S(6, 9, 3)	0.000000	0.3296364E-03
Y_S(6, 9, 4)	0.000000	0.3453334E-03
CP_SV(1, 1, 1)	6405.000	0.000000
CP_SV(1, 1, 2)	7455.000	0.000000
CP_SV(1, 1, 3)	7560.000	0.000000
CP_SV(1, 1, 4)	7665.000	0.000000
CP_SV(1, 2, 1)	6745.000	0.000000
CP_SV(1, 2, 2)	7125.000	0.000000
CP_SV(1, 2, 3)	7410.000	0.000000
CP_SV(1, 2, 4)	7600.000	0.000000
CP_SV(1, 3, 1)	0.000000	0.000000
CP_SV(1, 3, 2)	0.000000	0.000000
CP_SV(1, 3, 3)	0.000000	0.000000
CP_SV(1, 3, 4)	0.000000	0.000000
CP_SV(1, 4, 1)	0.000000	0.000000
CP_SV(1, 4, 2)	0.000000	0.000000
CP_SV(1, 4, 3)	0.000000	0.000000
CP_SV(1, 4, 4)	0.000000	0.000000
CP_SV(1, 5, 1)	0.000000	0.000000
CP_SV(1, 5, 2)	0.000000	0.000000
CP_SV(1, 5, 3)	0.000000	0.000000
CP_SV(1, 5, 4)	0.000000	0.000000
CP_SV(1, 6, 1)	0.000000	0.000000
CP_SV(1, 6, 2)	0.000000	0.000000
CP_SV(1, 6, 3)	0.000000	0.000000
CP_SV(1, 6, 4)	0.000000	0.000000
CP_SV(1, 7, 1)	0.000000	0.000000
CP_SV(1, 7, 2)	0.000000	0.000000
CP_SV(1, 7, 3)	0.000000	0.000000
CP_SV(1, 7, 4)	0.000000	0.000000
CP_SV(1, 8, 1)	0.000000	0.000000
CP_SV(1, 8, 2)	0.000000	0.000000
CP_SV(1, 8, 3)	0.000000	0.000000
CP_SV(1, 8, 4)	0.000000	0.000000
CP_SV(1, 9, 1)	0.000000	0.000000
CP_SV(1, 9, 2)	0.000000	0.000000
CP_SV(1, 9, 3)	0.000000	0.000000
CP_SV(1, 9, 4)	0.000000	0.000000
CP_SV(2, 1, 1)	0.000000	0.000000
CP_SV(2, 1, 2)	0.000000	0.000000
CP_SV(2, 1, 3)	0.000000	0.000000
CP_SV(2, 1, 4)	0.000000	0.000000
CP_SV(2, 2, 1)	0.000000	0.000000
CP_SV(2, 2, 2)	0.000000	0.000000

CP_SV(2, 2, 3)	0.000000	0.000000
CP_SV(2, 2, 4)	0.000000	0.000000
CP_SV(2, 3, 1)	1890.000	0.000000
CP_SV(2, 3, 2)	2520.000	0.000000
CP_SV(2, 3, 3)	2835.000	0.000000
CP_SV(2, 3, 4)	2835.000	0.000000
CP_SV(2, 4, 1)	1890.000	0.000000
CP_SV(2, 4, 2)	2205.000	0.000000
CP_SV(2, 4, 3)	2205.000	0.000000
CP_SV(2, 4, 4)	1995.000	0.000000
CP_SV(2, 5, 1)	1890.000	0.000000
CP_SV(2, 5, 2)	2100.000	0.000000
CP_SV(2, 5, 3)	2415.000	0.000000
CP_SV(2, 5, 4)	2520.000	0.000000
CP_SV(2, 6, 1)	1890.000	0.000000
CP_SV(2, 6, 2)	2280.000	0.000000
CP_SV(2, 6, 3)	2280.000	0.000000
CP_SV(2, 6, 4)	2280.000	0.000000
CP_SV(2, 7, 1)	0.000000	0.000000
CP_SV(2, 7, 2)	0.000000	0.000000
CP_SV(2, 7, 3)	0.000000	0.000000
CP_SV(2, 7, 4)	0.000000	0.000000
CP_SV(2, 8, 1)	0.000000	0.000000
CP_SV(2, 8, 2)	0.000000	0.000000
CP_SV(2, 8, 3)	0.000000	0.000000
CP_SV(2, 8, 4)	0.000000	0.000000
CP_SV(2, 9, 1)	0.000000	0.000000
CP_SV(2, 9, 2)	0.000000	0.000000
CP_SV(2, 9, 3)	0.000000	0.000000
CP_SV(2, 9, 4)	0.000000	0.000000
CP_SV(3, 1, 1)	0.000000	0.000000
CP_SV(3, 1, 2)	0.000000	0.000000
CP_SV(3, 1, 3)	0.000000	0.000000
CP_SV(3, 1, 4)	0.000000	0.000000
CP_SV(3, 2, 1)	0.000000	0.000000
CP_SV(3, 2, 2)	0.000000	0.000000
CP_SV(3, 2, 3)	0.000000	0.000000
CP_SV(3, 2, 4)	0.000000	0.000000
CP_SV(3, 3, 1)	1050.000	0.000000
CP_SV(3, 3, 2)	1260.000	0.000000
CP_SV(3, 3, 3)	1365.000	0.000000
CP_SV(3, 3, 4)	1470.000	0.000000
CP_SV(3, 4, 1)	1365.000	0.000000
CP_SV(3, 4, 2)	1365.000	0.000000
CP_SV(3, 4, 3)	1470.000	0.000000
CP_SV(3, 4, 4)	1470.000	0.000000
CP_SV(3, 5, 1)	840.0000	0.000000
CP_SV(3, 5, 2)	840.0000	0.000000
CP_SV(3, 5, 3)	1050.000	0.000000
CP_SV(3, 5, 4)	1260.000	0.000000
CP_SV(3, 6, 1)	1365.000	0.000000
CP_SV(3, 6, 2)	1470.000	0.000000
CP_SV(3, 6, 3)	1680.000	0.000000
CP_SV(3, 6, 4)	1520.000	0.000000
CP_SV(3, 7, 1)	0.000000	0.000000
CP_SV(3, 7, 2)	0.000000	0.000000
CP_SV(3, 7, 3)	0.000000	0.000000
CP_SV(3, 7, 4)	0.000000	0.000000
CP_SV(3, 8, 1)	0.000000	0.000000
CP_SV(3, 8, 2)	0.000000	0.000000
CP_SV(3, 8, 3)	0.000000	0.000000
CP_SV(3, 8, 4)	0.000000	0.000000
CP_SV(3, 9, 1)	0.000000	0.000000
CP_SV(3, 9, 2)	0.000000	0.000000
CP_SV(3, 9, 3)	0.000000	0.000000
CP_SV(3, 9, 4)	0.000000	0.000000

CP_SV(4, 1, 1)	0.000000	0.000000
CP_SV(4, 1, 2)	0.000000	0.000000
CP_SV(4, 1, 3)	0.000000	0.000000
CP_SV(4, 1, 4)	0.000000	0.000000
CP_SV(4, 2, 1)	0.000000	0.000000
CP_SV(4, 2, 2)	0.000000	0.000000
CP_SV(4, 2, 3)	0.000000	0.000000
CP_SV(4, 2, 4)	0.000000	0.000000
CP_SV(4, 3, 1)	1260.000	0.000000
CP_SV(4, 3, 2)	1365.000	0.000000
CP_SV(4, 3, 3)	1470.000	0.000000
CP_SV(4, 3, 4)	1470.000	0.000000
CP_SV(4, 4, 1)	1365.000	0.000000
CP_SV(4, 4, 2)	1365.000	0.000000
CP_SV(4, 4, 3)	1470.000	0.000000
CP_SV(4, 4, 4)	1680.000	0.000000
CP_SV(4, 5, 1)	1050.000	0.000000
CP_SV(4, 5, 2)	1050.000	0.000000
CP_SV(4, 5, 3)	1050.000	0.000000
CP_SV(4, 5, 4)	1365.000	0.000000
CP_SV(4, 6, 1)	1365.000	0.000000
CP_SV(4, 6, 2)	1680.000	0.000000
CP_SV(4, 6, 3)	1520.000	0.000000
CP_SV(4, 6, 4)	1520.000	0.000000
CP_SV(4, 7, 1)	0.000000	0.000000
CP_SV(4, 7, 2)	0.000000	0.000000
CP_SV(4, 7, 3)	0.000000	0.000000
CP_SV(4, 7, 4)	0.000000	0.000000
CP_SV(4, 8, 1)	0.000000	0.000000
CP_SV(4, 8, 2)	0.000000	0.000000
CP_SV(4, 8, 3)	0.000000	0.000000
CP_SV(4, 8, 4)	0.000000	0.000000
CP_SV(4, 9, 1)	0.000000	0.000000
CP_SV(4, 9, 2)	0.000000	0.000000
CP_SV(4, 9, 3)	0.000000	0.000000
CP_SV(4, 9, 4)	0.000000	0.000000
CP_SV(5, 1, 1)	0.000000	0.000000
CP_SV(5, 1, 2)	0.000000	0.000000
CP_SV(5, 1, 3)	0.000000	0.000000
CP_SV(5, 1, 4)	0.000000	0.000000
CP_SV(5, 2, 1)	0.000000	0.000000
CP_SV(5, 2, 2)	0.000000	0.000000
CP_SV(5, 2, 3)	0.000000	0.000000
CP_SV(5, 2, 4)	0.000000	0.000000
CP_SV(5, 3, 1)	0.000000	0.000000
CP_SV(5, 3, 2)	0.000000	0.000000
CP_SV(5, 3, 3)	0.000000	0.000000
CP_SV(5, 3, 4)	0.000000	0.000000
CP_SV(5, 4, 1)	0.000000	0.000000
CP_SV(5, 4, 2)	0.000000	0.000000
CP_SV(5, 4, 3)	0.000000	0.000000
CP_SV(5, 4, 4)	0.000000	0.000000
CP_SV(5, 5, 1)	0.000000	0.000000
CP_SV(5, 5, 2)	0.000000	0.000000
CP_SV(5, 5, 3)	0.000000	0.000000
CP_SV(5, 5, 4)	0.000000	0.000000
CP_SV(5, 6, 1)	0.000000	0.000000
CP_SV(5, 6, 2)	0.000000	0.000000
CP_SV(5, 6, 3)	0.000000	0.000000
CP_SV(5, 6, 4)	0.000000	0.000000
CP_SV(5, 7, 1)	4021.297	0.000000
CP_SV(5, 7, 2)	4305.000	0.000000
CP_SV(5, 7, 3)	4515.000	0.000000
CP_SV(5, 7, 4)	4725.000	0.000000
CP_SV(5, 8, 1)	4515.000	0.000000
CP_SV(5, 8, 2)	4725.000	0.000000

CP_SV(5, 8, 3)	4935.000	0.000000
CP_SV(5, 8, 4)	4935.000	0.000000
CP_SV(5, 9, 1)	4655.000	0.000000
CP_SV(5, 9, 2)	4655.000	0.000000
CP_SV(5, 9, 3)	4845.000	0.000000
CP_SV(5, 9, 4)	5225.000	0.000000
CP_SV(6, 1, 1)	0.000000	0.000000
CP_SV(6, 1, 2)	0.000000	0.000000
CP_SV(6, 1, 3)	0.000000	0.000000
CP_SV(6, 1, 4)	0.000000	0.000000
CP_SV(6, 2, 1)	0.000000	0.000000
CP_SV(6, 2, 2)	0.000000	0.000000
CP_SV(6, 2, 3)	0.000000	0.000000
CP_SV(6, 2, 4)	0.000000	0.000000
CP_SV(6, 3, 1)	0.000000	0.000000
CP_SV(6, 3, 2)	0.000000	0.000000
CP_SV(6, 3, 3)	0.000000	0.000000
CP_SV(6, 3, 4)	0.000000	0.000000
CP_SV(6, 4, 1)	0.000000	0.000000
CP_SV(6, 4, 2)	0.000000	0.000000
CP_SV(6, 4, 3)	0.000000	0.000000
CP_SV(6, 4, 4)	0.000000	0.000000
CP_SV(6, 5, 1)	0.000000	0.000000
CP_SV(6, 5, 2)	0.000000	0.000000
CP_SV(6, 5, 3)	0.000000	0.000000
CP_SV(6, 5, 4)	0.000000	0.000000
CP_SV(6, 6, 1)	0.000000	0.000000
CP_SV(6, 6, 2)	0.000000	0.000000
CP_SV(6, 6, 3)	0.000000	0.000000
CP_SV(6, 6, 4)	0.000000	0.000000
CP_SV(6, 7, 1)	4725.000	0.000000
CP_SV(6, 7, 2)	4935.000	0.000000
CP_SV(6, 7, 3)	4935.000	0.000000
CP_SV(6, 7, 4)	5145.000	0.000000
CP_SV(6, 8, 1)	5355.000	0.000000
CP_SV(6, 8, 2)	5565.000	0.000000
CP_SV(6, 8, 3)	5775.000	0.000000
CP_SV(6, 8, 4)	5775.000	0.000000
CP_SV(6, 9, 1)	5415.000	0.000000
CP_SV(6, 9, 2)	5510.000	0.000000
CP_SV(6, 9, 3)	5605.000	0.000000
CP_SV(6, 9, 4)	5890.000	0.000000
X_FSP(1, 1, 1, 1)	2849.520	0.000000
X_FSP(1, 1, 1, 2)	2350.680	0.000000
X_FSP(1, 1, 1, 3)	1818.000	0.000000
X_FSP(1, 1, 1, 4)	2591.794	0.000000
X_FSP(1, 1, 2, 1)	3555.480	0.000000
X_FSP(1, 1, 2, 2)	5104.320	0.000000
X_FSP(1, 1, 2, 3)	4223.687	0.000000
X_FSP(1, 1, 2, 4)	2703.800	0.000000
X_FSP(1, 2, 1, 1)	0.000000	0.5182795E-05
X_FSP(1, 2, 1, 2)	0.000000	0.5195353E-05
X_FSP(1, 2, 1, 3)	0.000000	0.5206341E-05
X_FSP(1, 2, 1, 4)	0.000000	0.5206341E-05
X_FSP(1, 2, 2, 1)	0.000000	0.5193249E-05
X_FSP(1, 2, 2, 2)	0.000000	0.5205807E-05
X_FSP(1, 2, 2, 3)	0.000000	0.5216795E-05
X_FSP(1, 2, 2, 4)	0.000000	0.5216795E-05
X_FSP(1, 3, 1, 1)	0.000000	0.1569697E+12
X_FSP(1, 3, 1, 2)	0.000000	0.1569697E+12
X_FSP(1, 3, 1, 3)	0.000000	0.1569697E+12
X_FSP(1, 3, 1, 4)	0.000000	0.1569697E+12
X_FSP(1, 3, 2, 1)	0.000000	0.1569697E+12
X_FSP(1, 3, 2, 2)	0.000000	0.1569697E+12
X_FSP(1, 3, 2, 3)	0.000000	0.1569697E+12
X_FSP(1, 3, 2, 4)	0.000000	0.1569697E+12

X_FSP(2, 3, 1, 3)	2835.000	0.000000
X_FSP(2, 3, 1, 4)	2835.000	0.000000
X_FSP(2, 3, 2, 1)	0.000000	0.8276699E-06
X_FSP(2, 3, 2, 2)	0.000000	0.3998474E-06
X_FSP(2, 3, 2, 3)	0.000000	0.7029317E-06
X_FSP(2, 3, 2, 4)	0.000000	0.7169962E-06
X_FSP(2, 4, 1, 1)	250.0000	0.000000
X_FSP(2, 4, 1, 2)	0.000000	0.4278225E-06
X_FSP(2, 4, 1, 3)	0.000000	0.7324222E-06
X_FSP(2, 4, 1, 4)	0.000000	0.1005550E-05
X_FSP(2, 4, 2, 1)	1640.000	0.000000
X_FSP(2, 4, 2, 2)	1271.609	0.000000
X_FSP(2, 4, 2, 3)	0.000000	0.6076840E-06
X_FSP(2, 4, 2, 4)	0.000000	0.8948758E-06
X_FSP(2, 5, 1, 1)	0.000000	0.1016222E-06
X_FSP(2, 5, 1, 2)	0.000000	0.5294447E-06
X_FSP(2, 5, 1, 3)	0.000000	0.2263604E-06
X_FSP(2, 5, 1, 4)	0.000000	0.2122959E-06
X_FSP(2, 5, 2, 1)	1890.000	0.000000
X_FSP(2, 5, 2, 2)	2100.000	0.000000
X_FSP(2, 5, 2, 3)	2415.000	0.000000
X_FSP(2, 5, 2, 4)	2520.000	0.000000
X_FSP(2, 6, 1, 1)	0.000000	0.1003978E-06
X_FSP(2, 6, 1, 2)	0.000000	0.1778578E-05
X_FSP(2, 6, 1, 3)	0.000000	0.2397117E-05
X_FSP(2, 6, 1, 4)	0.000000	0.2513275E-05
X_FSP(2, 6, 2, 1)	191.5000	0.000000
X_FSP(2, 6, 2, 2)	0.000000	0.1250358E-05
X_FSP(2, 6, 2, 3)	0.000000	0.2171981E-05
X_FSP(2, 6, 2, 4)	0.000000	0.2302203E-05
X_FSP(2, 7, 1, 1)	0.000000	0.1569697E+12
X_FSP(2, 7, 1, 2)	0.000000	0.1569697E+12
X_FSP(2, 7, 1, 3)	0.000000	0.1569697E+12
X_FSP(2, 7, 1, 4)	0.000000	0.1569697E+12
X_FSP(2, 7, 2, 1)	0.000000	0.1569697E+12
X_FSP(2, 7, 2, 2)	0.000000	0.1569697E+12
X_FSP(2, 7, 2, 3)	0.000000	0.1569697E+12
X_FSP(2, 7, 2, 4)	0.000000	0.1569697E+12
X_FSP(2, 8, 1, 1)	0.000000	0.1569697E+12
X_FSP(2, 8, 1, 2)	0.000000	0.1569697E+12
X_FSP(2, 8, 1, 3)	0.000000	0.1569697E+12
X_FSP(2, 8, 1, 4)	0.000000	0.1569697E+12
X_FSP(2, 8, 2, 1)	0.000000	0.1569697E+12
X_FSP(2, 8, 2, 2)	0.000000	0.1569697E+12
X_FSP(2, 8, 2, 3)	0.000000	0.1569697E+12
X_FSP(2, 8, 2, 4)	0.000000	0.1569697E+12
X_FSP(2, 9, 1, 1)	0.000000	0.1569697E+12
X_FSP(2, 9, 1, 2)	0.000000	0.1569697E+12
X_FSP(2, 9, 1, 3)	0.000000	0.1569697E+12
X_FSP(2, 9, 1, 4)	0.000000	0.1569697E+12
X_FSP(2, 9, 2, 1)	0.000000	0.1569697E+12
X_FSP(2, 9, 2, 2)	0.000000	0.1569697E+12
X_FSP(2, 9, 2, 3)	0.000000	0.1569697E+12
X_FSP(2, 9, 2, 4)	0.000000	0.1569697E+12
X_FSP(3, 1, 1, 1)	0.000000	0.1569697E+12
X_FSP(3, 1, 1, 2)	0.000000	0.1569697E+12
X_FSP(3, 1, 1, 3)	0.000000	0.1569697E+12
X_FSP(3, 1, 1, 4)	0.000000	0.1569697E+12
X_FSP(3, 1, 2, 1)	0.000000	0.1569697E+12
X_FSP(3, 1, 2, 2)	0.000000	0.1569697E+12
X_FSP(3, 1, 2, 3)	0.000000	0.1569697E+12
X_FSP(3, 1, 2, 4)	0.000000	0.1569697E+12
X_FSP(3, 2, 1, 1)	0.000000	0.1569697E+12
X_FSP(3, 2, 1, 2)	0.000000	0.1569697E+12
X_FSP(3, 2, 1, 3)	0.000000	0.1569697E+12
X_FSP(3, 2, 1, 4)	0.000000	0.1569697E+12

X_FSP(3, 2, 2, 1)	0.000000	0.1569697E+12
X_FSP(3, 2, 2, 2)	0.000000	0.1569697E+12
X_FSP(3, 2, 2, 3)	0.000000	0.1569697E+12
X_FSP(3, 2, 2, 4)	0.000000	0.1569697E+12
X_FSP(3, 3, 1, 1)	0.000000	-0.1072103E-06
X_FSP(3, 3, 1, 2)	520.2641	0.000000
X_FSP(3, 3, 1, 3)	1365.000	0.000000
X_FSP(3, 3, 1, 4)	1470.000	0.000000
X_FSP(3, 3, 2, 1)	1050.000	0.000000
X_FSP(3, 3, 2, 2)	739.7359	0.000000
X_FSP(3, 3, 2, 3)	0.000000	0.1569697E-08
X_FSP(3, 3, 2, 4)	0.000000	0.4709091E-08
X_FSP(3, 4, 1, 1)	0.000000	0.4134582E-07
X_FSP(3, 4, 1, 2)	0.000000	0.1485561E-06
X_FSP(3, 4, 1, 3)	0.000000	0.1469864E-06
X_FSP(3, 4, 1, 4)	0.000000	0.1438470E-06
X_FSP(3, 4, 2, 1)	1365.000	0.000000
X_FSP(3, 4, 2, 2)	1365.000	0.000000
X_FSP(3, 4, 2, 3)	1470.000	0.000000
X_FSP(3, 4, 2, 4)	1470.000	0.000000
X_FSP(3, 5, 1, 1)	0.000000	0.5958570E-07
X_FSP(3, 5, 1, 2)	0.000000	0.1667960E-06
X_FSP(3, 5, 1, 3)	0.000000	0.1652263E-06
X_FSP(3, 5, 1, 4)	0.000000	0.1620869E-06
X_FSP(3, 5, 2, 1)	840.0000	0.000000
X_FSP(3, 5, 2, 2)	840.0000	0.000000
X_FSP(3, 5, 2, 3)	1050.000	0.000000
X_FSP(3, 5, 2, 4)	1260.000	0.000000
X_FSP(3, 6, 1, 1)	0.000000	-0.1843316E-08
X_FSP(3, 6, 1, 2)	0.000000	0.9908821E-07
X_FSP(3, 6, 1, 3)	0.000000	0.8967002E-07
X_FSP(3, 6, 1, 4)	0.000000	0.7868214E-07
X_FSP(3, 6, 2, 1)	0.000000	-0.6120926E-07
X_FSP(3, 6, 2, 2)	0.000000	-0.6748805E-07
X_FSP(3, 6, 2, 3)	0.000000	-0.7533653E-07
X_FSP(3, 6, 2, 4)	0.000000	-0.8318502E-07
X_FSP(3, 7, 1, 1)	0.000000	0.1569697E+12
X_FSP(3, 7, 1, 2)	0.000000	0.1569697E+12
X_FSP(3, 7, 1, 3)	0.000000	0.1569697E+12
X_FSP(3, 7, 1, 4)	0.000000	0.1569697E+12
X_FSP(3, 7, 2, 1)	0.000000	0.1569697E+12
X_FSP(3, 7, 2, 2)	0.000000	0.1569697E+12
X_FSP(3, 7, 2, 3)	0.000000	0.1569697E+12
X_FSP(3, 7, 2, 4)	0.000000	0.1569697E+12
X_FSP(3, 8, 1, 1)	0.000000	0.1569697E+12
X_FSP(3, 8, 1, 2)	0.000000	0.1569697E+12
X_FSP(3, 8, 1, 3)	0.000000	0.1569697E+12
X_FSP(3, 8, 1, 4)	0.000000	0.1569697E+12
X_FSP(3, 8, 2, 1)	0.000000	0.1569697E+12
X_FSP(3, 8, 2, 2)	0.000000	0.1569697E+12
X_FSP(3, 8, 2, 3)	0.000000	0.1569697E+12
X_FSP(3, 8, 2, 4)	0.000000	0.1569697E+12
X_FSP(3, 9, 1, 1)	0.000000	0.1569697E+12
X_FSP(3, 9, 1, 2)	0.000000	0.1569697E+12
X_FSP(3, 9, 1, 3)	0.000000	0.1569697E+12
X_FSP(3, 9, 1, 4)	0.000000	0.1569697E+12
X_FSP(3, 9, 2, 1)	0.000000	0.1569697E+12
X_FSP(3, 9, 2, 2)	0.000000	0.1569697E+12
X_FSP(3, 9, 2, 3)	0.000000	0.1569697E+12
X_FSP(3, 9, 2, 4)	0.000000	0.1569697E+12
X_FSP(4, 1, 1, 1)	0.000000	0.1569697E+12
X_FSP(4, 1, 1, 2)	0.000000	0.1569697E+12
X_FSP(4, 1, 1, 3)	0.000000	0.1569697E+12
X_FSP(4, 1, 1, 4)	0.000000	0.1569697E+12
X_FSP(4, 1, 2, 1)	0.000000	0.1569697E+12
X_FSP(4, 1, 2, 2)	0.000000	0.1569697E+12

X_FSP(4, 1, 2, 3)	0.000000	0.1569697E+12
X_FSP(4, 1, 2, 4)	0.000000	0.1569697E+12
X_FSP(4, 2, 1, 1)	0.000000	0.1569697E+12
X_FSP(4, 2, 1, 2)	0.000000	0.1569697E+12
X_FSP(4, 2, 1, 3)	0.000000	0.1569697E+12
X_FSP(4, 2, 1, 4)	0.000000	0.1569697E+12
X_FSP(4, 2, 2, 1)	0.000000	0.1569697E+12
X_FSP(4, 2, 2, 2)	0.000000	0.1569697E+12
X_FSP(4, 2, 2, 3)	0.000000	0.1569697E+12
X_FSP(4, 2, 2, 4)	0.000000	0.1569697E+12
X_FSP(4, 3, 1, 1)	375.0000	0.000000
X_FSP(4, 3, 1, 2)	1365.000	0.000000
X_FSP(4, 3, 1, 3)	1449.000	0.000000
X_FSP(4, 3, 1, 4)	0.000000	0.1569697E-08
X_FSP(4, 3, 2, 1)	885.0000	0.000000
X_FSP(4, 3, 2, 2)	0.000000	0.1569697E-08
X_FSP(4, 3, 2, 3)	21.00000	0.000000
X_FSP(4, 3, 2, 4)	1470.000	0.000000
X_FSP(4, 4, 1, 1)	0.000000	0.4244461E-07
X_FSP(4, 4, 1, 2)	0.000000	0.4087491E-07
X_FSP(4, 4, 1, 3)	0.000000	0.4244461E-07
X_FSP(4, 4, 1, 4)	0.000000	0.4401431E-07
X_FSP(4, 4, 2, 1)	1365.000	0.000000
X_FSP(4, 4, 2, 2)	1365.000	0.000000
X_FSP(4, 4, 2, 3)	1470.000	0.000000
X_FSP(4, 4, 2, 4)	1680.000	0.000000
X_FSP(4, 5, 1, 1)	0.000000	0.4765600E-07
X_FSP(4, 5, 1, 2)	0.000000	0.4608631E-07
X_FSP(4, 5, 1, 3)	0.000000	0.4765600E-07
X_FSP(4, 5, 1, 4)	0.000000	0.4922570E-07
X_FSP(4, 5, 2, 1)	1050.000	0.000000
X_FSP(4, 5, 2, 2)	1050.000	0.000000
X_FSP(4, 5, 2, 3)	1050.000	0.000000
X_FSP(4, 5, 2, 4)	1365.000	0.000000
X_FSP(4, 6, 1, 1)	0.000000	0.2389972E-07
X_FSP(4, 6, 1, 2)	0.000000	0.2233002E-07
X_FSP(4, 6, 1, 3)	0.000000	0.2076032E-07
X_FSP(4, 6, 1, 4)	0.000000	0.1761603E-06
X_FSP(4, 6, 2, 1)	0.000000	-0.2369350E-07
X_FSP(4, 6, 2, 2)	0.000000	-0.2369350E-07
X_FSP(4, 6, 2, 3)	0.000000	-0.2683289E-07
X_FSP(4, 6, 2, 4)	0.000000	0.1269974E-06
X_FSP(4, 7, 1, 1)	0.000000	0.1569697E+12
X_FSP(4, 7, 1, 2)	0.000000	0.1569697E+12
X_FSP(4, 7, 1, 3)	0.000000	0.1569697E+12
X_FSP(4, 7, 1, 4)	0.000000	0.1569697E+12
X_FSP(4, 7, 2, 1)	0.000000	0.1569697E+12
X_FSP(4, 7, 2, 2)	0.000000	0.1569697E+12
X_FSP(4, 7, 2, 3)	0.000000	0.1569697E+12
X_FSP(4, 7, 2, 4)	0.000000	0.1569697E+12
X_FSP(4, 8, 1, 1)	0.000000	0.1569697E+12
X_FSP(4, 8, 1, 2)	0.000000	0.1569697E+12
X_FSP(4, 8, 1, 3)	0.000000	0.1569697E+12
X_FSP(4, 8, 1, 4)	0.000000	0.1569697E+12
X_FSP(4, 8, 2, 1)	0.000000	0.1569697E+12
X_FSP(4, 8, 2, 2)	0.000000	0.1569697E+12
X_FSP(4, 8, 2, 3)	0.000000	0.1569697E+12
X_FSP(4, 8, 2, 4)	0.000000	0.1569697E+12
X_FSP(4, 9, 1, 1)	0.000000	0.1569697E+12
X_FSP(4, 9, 1, 2)	0.000000	0.1569697E+12
X_FSP(4, 9, 1, 3)	0.000000	0.1569697E+12
X_FSP(4, 9, 1, 4)	0.000000	0.1569697E+12
X_FSP(4, 9, 2, 1)	0.000000	0.1569697E+12
X_FSP(4, 9, 2, 2)	0.000000	0.1569697E+12
X_FSP(4, 9, 2, 3)	0.000000	0.1569697E+12
X_FSP(4, 9, 2, 4)	0.000000	0.1569697E+12

X_FSP(5, 1, 1, 1)	0.000000	0.1569697E+12
X_FSP(5, 1, 1, 2)	0.000000	0.1569697E+12
X_FSP(5, 1, 1, 3)	0.000000	0.1569697E+12
X_FSP(5, 1, 1, 4)	0.000000	0.1569697E+12
X_FSP(5, 1, 2, 1)	0.000000	0.1569697E+12
X_FSP(5, 1, 2, 2)	0.000000	0.1569697E+12
X_FSP(5, 1, 2, 3)	0.000000	0.1569697E+12
X_FSP(5, 1, 2, 4)	0.000000	0.1569697E+12
X_FSP(5, 2, 1, 1)	0.000000	0.1569697E+12
X_FSP(5, 2, 1, 2)	0.000000	0.1569697E+12
X_FSP(5, 2, 1, 3)	0.000000	0.1569697E+12
X_FSP(5, 2, 1, 4)	0.000000	0.1569697E+12
X_FSP(5, 2, 2, 1)	0.000000	0.1569697E+12
X_FSP(5, 2, 2, 2)	0.000000	0.1569697E+12
X_FSP(5, 2, 2, 3)	0.000000	0.1569697E+12
X_FSP(5, 2, 2, 4)	0.000000	0.1569697E+12
X_FSP(5, 3, 1, 1)	0.000000	0.1569697E+12
X_FSP(5, 3, 1, 2)	0.000000	0.1569697E+12
X_FSP(5, 3, 1, 3)	0.000000	0.1569697E+12
X_FSP(5, 3, 1, 4)	0.000000	0.1569697E+12
X_FSP(5, 3, 2, 1)	0.000000	0.1569697E+12
X_FSP(5, 3, 2, 2)	0.000000	0.1569697E+12
X_FSP(5, 3, 2, 3)	0.000000	0.1569697E+12
X_FSP(5, 3, 2, 4)	0.000000	0.1569697E+12
X_FSP(5, 4, 1, 1)	0.000000	0.1569697E+12
X_FSP(5, 4, 1, 2)	0.000000	0.1569697E+12
X_FSP(5, 4, 1, 3)	0.000000	0.1569697E+12
X_FSP(5, 4, 1, 4)	0.000000	0.1569697E+12
X_FSP(5, 4, 2, 1)	0.000000	0.1569697E+12
X_FSP(5, 4, 2, 2)	0.000000	0.1569697E+12
X_FSP(5, 4, 2, 3)	0.000000	0.1569697E+12
X_FSP(5, 4, 2, 4)	0.000000	0.1569697E+12
X_FSP(5, 5, 1, 1)	0.000000	0.1569697E+12
X_FSP(5, 5, 1, 2)	0.000000	0.1569697E+12
X_FSP(5, 5, 1, 3)	0.000000	0.1569697E+12
X_FSP(5, 5, 1, 4)	0.000000	0.1569697E+12
X_FSP(5, 5, 2, 1)	0.000000	0.1569697E+12
X_FSP(5, 5, 2, 2)	0.000000	0.1569697E+12
X_FSP(5, 5, 2, 3)	0.000000	0.1569697E+12
X_FSP(5, 5, 2, 4)	0.000000	0.1569697E+12
X_FSP(5, 6, 1, 1)	0.000000	0.1569697E+12
X_FSP(5, 6, 1, 2)	0.000000	0.1569697E+12
X_FSP(5, 6, 1, 3)	0.000000	0.1569697E+12
X_FSP(5, 6, 1, 4)	0.000000	0.1569697E+12
X_FSP(5, 6, 2, 1)	0.000000	0.1569697E+12
X_FSP(5, 6, 2, 2)	0.000000	0.1569697E+12
X_FSP(5, 6, 2, 3)	0.000000	0.1569697E+12
X_FSP(5, 6, 2, 4)	0.000000	0.1569697E+12
X_FSP(5, 7, 1, 1)	0.000000	0.2825455E-07
X_FSP(5, 7, 1, 2)	0.000000	0.2825455E-07
X_FSP(5, 7, 1, 3)	0.000000	0.1569697E-07
X_FSP(5, 7, 1, 4)	0.000000	0.2825455E-07
X_FSP(5, 7, 2, 1)	3892.320	0.000000
X_FSP(5, 7, 2, 2)	4116.717	0.000000
X_FSP(5, 7, 2, 3)	0.000000	-0.9418182E-08
X_FSP(5, 7, 2, 4)	3104.600	0.000000
X_FSP(5, 8, 1, 1)	2602.000	0.000000
X_FSP(5, 8, 1, 2)	2016.150	0.000000
X_FSP(5, 8, 1, 3)	0.000000	-0.3139394E-08
X_FSP(5, 8, 1, 4)	3812.200	0.000000
X_FSP(5, 8, 2, 1)	1913.000	0.000000
X_FSP(5, 8, 2, 2)	2708.850	0.000000
X_FSP(5, 8, 2, 3)	4935.000	0.000000
X_FSP(5, 8, 2, 4)	1122.800	0.000000
X_FSP(5, 9, 1, 1)	0.000000	0.2736556E-05
X_FSP(5, 9, 1, 2)	0.000000	0.2736556E-05

X_FSP(5, 9, 1, 3)	0.000000	0.2739696E-05
X_FSP(5, 9, 1, 4)	0.000000	0.2736556E-05
X_FSP(5, 9, 2, 1)	0.000000	0.2790554E-05
X_FSP(5, 9, 2, 2)	0.000000	0.2790554E-05
X_FSP(5, 9, 2, 3)	0.000000	0.2796833E-05
X_FSP(5, 9, 2, 4)	0.000000	0.2790554E-05
X_FSP(6, 1, 1, 1)	0.000000	0.1569697E+12
X_FSP(6, 1, 1, 2)	0.000000	0.1569697E+12
X_FSP(6, 1, 1, 3)	0.000000	0.1569697E+12
X_FSP(6, 1, 1, 4)	0.000000	0.1569697E+12
X_FSP(6, 1, 2, 1)	0.000000	0.1569697E+12
X_FSP(6, 1, 2, 2)	0.000000	0.1569697E+12
X_FSP(6, 1, 2, 3)	0.000000	0.1569697E+12
X_FSP(6, 1, 2, 4)	0.000000	0.1569697E+12
X_FSP(6, 2, 1, 1)	0.000000	0.1569697E+12
X_FSP(6, 2, 1, 2)	0.000000	0.1569697E+12
X_FSP(6, 2, 1, 3)	0.000000	0.1569697E+12
X_FSP(6, 2, 1, 4)	0.000000	0.1569697E+12
X_FSP(6, 2, 2, 1)	0.000000	0.1569697E+12
X_FSP(6, 2, 2, 2)	0.000000	0.1569697E+12
X_FSP(6, 2, 2, 3)	0.000000	0.1569697E+12
X_FSP(6, 2, 2, 4)	0.000000	0.1569697E+12
X_FSP(6, 3, 1, 1)	0.000000	0.1569697E+12
X_FSP(6, 3, 1, 2)	0.000000	0.1569697E+12
X_FSP(6, 3, 1, 3)	0.000000	0.1569697E+12
X_FSP(6, 3, 1, 4)	0.000000	0.1569697E+12
X_FSP(6, 3, 2, 1)	0.000000	0.1569697E+12
X_FSP(6, 3, 2, 2)	0.000000	0.1569697E+12
X_FSP(6, 3, 2, 3)	0.000000	0.1569697E+12
X_FSP(6, 3, 2, 4)	0.000000	0.1569697E+12
X_FSP(6, 4, 1, 1)	0.000000	0.1569697E+12
X_FSP(6, 4, 1, 2)	0.000000	0.1569697E+12
X_FSP(6, 4, 1, 3)	0.000000	0.1569697E+12
X_FSP(6, 4, 1, 4)	0.000000	0.1569697E+12
X_FSP(6, 4, 2, 1)	0.000000	0.1569697E+12
X_FSP(6, 4, 2, 2)	0.000000	0.1569697E+12
X_FSP(6, 4, 2, 3)	0.000000	0.1569697E+12
X_FSP(6, 4, 2, 4)	0.000000	0.1569697E+12
X_FSP(6, 5, 1, 1)	0.000000	0.1569697E+12
X_FSP(6, 5, 1, 2)	0.000000	0.1569697E+12
X_FSP(6, 5, 1, 3)	0.000000	0.1569697E+12
X_FSP(6, 5, 1, 4)	0.000000	0.1569697E+12
X_FSP(6, 5, 2, 1)	0.000000	0.1569697E+12
X_FSP(6, 5, 2, 2)	0.000000	0.1569697E+12
X_FSP(6, 5, 2, 3)	0.000000	0.1569697E+12
X_FSP(6, 5, 2, 4)	0.000000	0.1569697E+12
X_FSP(6, 6, 1, 1)	0.000000	0.1569697E+12
X_FSP(6, 6, 1, 2)	0.000000	0.1569697E+12
X_FSP(6, 6, 1, 3)	0.000000	0.1569697E+12
X_FSP(6, 6, 1, 4)	0.000000	0.1569697E+12
X_FSP(6, 6, 2, 1)	0.000000	0.1569697E+12
X_FSP(6, 6, 2, 2)	0.000000	0.1569697E+12
X_FSP(6, 6, 2, 3)	0.000000	0.1569697E+12
X_FSP(6, 6, 2, 4)	0.000000	0.1569697E+12
X_FSP(6, 7, 1, 1)	0.000000	0.1130182E-07
X_FSP(6, 7, 1, 2)	0.000000	0.6278788E-08
X_FSP(6, 7, 1, 3)	0.000000	0.3139394E-08
X_FSP(6, 7, 1, 4)	386.3002	0.000000
X_FSP(6, 7, 2, 1)	4725.000	0.000000
X_FSP(6, 7, 2, 2)	4935.000	0.000000
X_FSP(6, 7, 2, 3)	4935.000	0.000000
X_FSP(6, 7, 2, 4)	4758.700	0.000000
X_FSP(6, 8, 1, 1)	2832.000	0.000000
X_FSP(6, 8, 1, 2)	5565.000	0.000000
X_FSP(6, 8, 1, 3)	5775.000	0.000000
X_FSP(6, 8, 1, 4)	5775.000	0.000000

X_FSP(6, 8, 2, 1)	2523.000	0.000000
X_FSP(6, 8, 2, 2)	0.000000	0.5023031E-08
X_FSP(6, 8, 2, 3)	0.000000	0.8162425E-08
X_FSP(6, 8, 2, 4)	0.000000	0.1130182E-07
X_FSP(6, 9, 1, 1)	0.000000	0.4546251E-06
X_FSP(6, 9, 1, 2)	0.000000	0.4778566E-06
X_FSP(6, 9, 1, 3)	0.000000	0.4872748E-06
X_FSP(6, 9, 1, 4)	0.000000	0.4809960E-06
X_FSP(6, 9, 2, 1)	0.000000	0.4762241E-06
X_FSP(6, 9, 2, 2)	0.000000	0.5044787E-06
X_FSP(6, 9, 2, 3)	0.000000	0.5170362E-06
X_FSP(6, 9, 2, 4)	0.000000	0.5138968E-06
C_TSP(1, 1, 1)	0.4140000	0.000000
C_TSP(1, 1, 2)	0.5544000	0.000000
C_TSP(1, 2, 1)	0.3474000	0.000000
C_TSP(1, 2, 2)	0.5544000	0.000000
C_TSP(1, 3, 1)	0.1242000	0.000000
C_TSP(1, 3, 2)	0.3312000	0.000000
C_TSP(1, 4, 1)	0.4716000	0.000000
C_TSP(1, 4, 2)	0.2730000	0.000000
C_TSP(1, 5, 1)	0.4140000	0.000000
C_TSP(1, 5, 2)	0.1656000	0.000000
C_TSP(1, 6, 1)	0.6204000	0.000000
C_TSP(1, 6, 2)	0.3726000	0.000000
C_TSP(1, 7, 1)	0.4968000	0.000000
C_TSP(1, 7, 2)	0.3474000	0.000000
C_TSP(1, 8, 1)	0.6618000	0.000000
C_TSP(1, 8, 2)	0.6204000	0.000000
C_TSP(1, 9, 1)	0.4554000	0.000000
C_TSP(1, 9, 2)	0.6204000	0.000000
C_TSP(2, 1, 1)	5.382000	0.000000
C_TSP(2, 1, 2)	7.207200	0.000000
C_TSP(2, 2, 1)	4.516200	0.000000
C_TSP(2, 2, 2)	7.207200	0.000000
C_TSP(2, 3, 1)	1.614600	0.000000
C_TSP(2, 3, 2)	4.305600	0.000000
C_TSP(2, 4, 1)	6.130800	0.000000
C_TSP(2, 4, 2)	3.549000	0.000000
C_TSP(2, 5, 1)	5.382000	0.000000
C_TSP(2, 5, 2)	2.152800	0.000000
C_TSP(2, 6, 1)	8.065200	0.000000
C_TSP(2, 6, 2)	4.843800	0.000000
C_TSP(2, 7, 1)	6.458400	0.000000
C_TSP(2, 7, 2)	4.516200	0.000000
C_TSP(2, 8, 1)	8.603400	0.000000
C_TSP(2, 8, 2)	8.065200	0.000000
C_TSP(2, 9, 1)	5.920200	0.000000
C_TSP(2, 9, 2)	8.065200	0.000000
C_TSP(3, 1, 1)	0.9660000	0.000000
C_TSP(3, 1, 2)	1.293600	0.000000
C_TSP(3, 2, 1)	0.8106000	0.000000
C_TSP(3, 2, 2)	1.293600	0.000000
C_TSP(3, 3, 1)	0.2898000	0.000000
C_TSP(3, 3, 2)	0.7728000	0.000000
C_TSP(3, 4, 1)	1.100400	0.000000
C_TSP(3, 4, 2)	0.6370000	0.000000
C_TSP(3, 5, 1)	0.9660000	0.000000
C_TSP(3, 5, 2)	0.3864000	0.000000
C_TSP(3, 6, 1)	1.447600	0.000000
C_TSP(3, 6, 2)	0.8694000	0.000000
C_TSP(3, 7, 1)	1.159200	0.000000
C_TSP(3, 7, 2)	0.8106000	0.000000
C_TSP(3, 8, 1)	1.544200	0.000000
C_TSP(3, 8, 2)	1.447600	0.000000
C_TSP(3, 9, 1)	1.062600	0.000000
C_TSP(3, 9, 2)	1.447600	0.000000

C_TSP(4, 1, 1)	0.2760000	0.000000
C_TSP(4, 1, 2)	0.3696000	0.000000
C_TSP(4, 2, 1)	0.2316000	0.000000
C_TSP(4, 2, 2)	0.3696000	0.000000
C_TSP(4, 3, 1)	0.8280000E-01	0.000000
C_TSP(4, 3, 2)	0.2208000	0.000000
C_TSP(4, 4, 1)	0.3144000	0.000000
C_TSP(4, 4, 2)	0.1820000	0.000000
C_TSP(4, 5, 1)	0.2760000	0.000000
C_TSP(4, 5, 2)	0.1104000	0.000000
C_TSP(4, 6, 1)	0.4136000	0.000000
C_TSP(4, 6, 2)	0.2484000	0.000000
C_TSP(4, 7, 1)	0.3312000	0.000000
C_TSP(4, 7, 2)	0.2316000	0.000000
C_TSP(4, 8, 1)	0.4412000	0.000000
C_TSP(4, 8, 2)	0.4136000	0.000000
C_TSP(4, 9, 1)	0.3036000	0.000000
C_TSP(4, 9, 2)	0.4136000	0.000000
C_TSP(5, 1, 1)	0.6900000	0.000000
C_TSP(5, 1, 2)	0.9240000	0.000000
C_TSP(5, 2, 1)	0.5790000	0.000000
C_TSP(5, 2, 2)	0.9240000	0.000000
C_TSP(5, 3, 1)	0.2070000	0.000000
C_TSP(5, 3, 2)	0.5520000	0.000000
C_TSP(5, 4, 1)	0.7860000	0.000000
C_TSP(5, 4, 2)	0.4550000	0.000000
C_TSP(5, 5, 1)	0.6900000	0.000000
C_TSP(5, 5, 2)	0.2760000	0.000000
C_TSP(5, 6, 1)	1.034000	0.000000
C_TSP(5, 6, 2)	0.6210000	0.000000
C_TSP(5, 7, 1)	0.8280000	0.000000
C_TSP(5, 7, 2)	0.5790000	0.000000
C_TSP(5, 8, 1)	1.103000	0.000000
C_TSP(5, 8, 2)	1.034000	0.000000
C_TSP(5, 9, 1)	0.7590000	0.000000
C_TSP(5, 9, 2)	1.034000	0.000000
C_TSP(6, 1, 1)	0.2760000	0.000000
C_TSP(6, 1, 2)	0.3696000	0.000000
C_TSP(6, 2, 1)	0.2316000	0.000000
C_TSP(6, 2, 2)	0.3696000	0.000000
C_TSP(6, 3, 1)	0.8280000E-01	0.000000
C_TSP(6, 3, 2)	0.2208000	0.000000
C_TSP(6, 4, 1)	0.3144000	0.000000
C_TSP(6, 4, 2)	0.1820000	0.000000
C_TSP(6, 5, 1)	0.2760000	0.000000
C_TSP(6, 5, 2)	0.1104000	0.000000
C_TSP(6, 6, 1)	0.4136000	0.000000
C_TSP(6, 6, 2)	0.2484000	0.000000
C_TSP(6, 7, 1)	0.3312000	0.000000
C_TSP(6, 7, 2)	0.2316000	0.000000
C_TSP(6, 8, 1)	0.4412000	0.000000
C_TSP(6, 8, 2)	0.4136000	0.000000
C_TSP(6, 9, 1)	0.3036000	0.000000
C_TSP(6, 9, 2)	0.4136000	0.000000
TAW_A(1, 1)	0.7200000	0.000000
TAW_A(1, 2)	0.3000000	0.000000
TAW_A(1, 3)	0.4500000	0.000000
TAW_A(1, 4)	0.1500000	0.000000
TAW_A(2, 1)	1.000000	0.000000
TAW_A(2, 2)	0.000000	0.000000
TAW_A(2, 3)	1.000000	0.000000
TAW_A(2, 4)	0.000000	0.000000
TAW_A(3, 1)	0.000000	0.000000
TAW_A(3, 2)	0.000000	0.000000
TAW_A(3, 3)	0.000000	0.000000
TAW_A(3, 4)	1.000000	0.000000

TAW_A(4, 1)	0.000000	0.000000
TAW_A(4, 2)	1.000000	0.000000
TAW_A(4, 3)	0.000000	0.000000
TAW_A(4, 4)	0.000000	0.000000
TAW_A(5, 1)	0.4800000	0.000000
TAW_A(5, 2)	0.8500000	0.000000
TAW_A(5, 3)	0.4500000	0.000000
TAW_A(5, 4)	0.4000000	0.000000
TAW_A(6, 1)	1.920000	0.000000
TAW_A(6, 2)	0.4500000	0.000000
TAW_A(6, 3)	0.4000000	0.000000
TAW_A(6, 4)	0.2000000	0.000000
BETA_A(1, 1)	1.000000	0.000000
BETA_A(1, 2)	0.000000	0.000000
BETA_A(2, 1)	0.000000	0.000000
BETA_A(2, 2)	0.1000000	0.000000
BETA_A(3, 1)	0.000000	0.000000
BETA_A(3, 2)	0.1000000	0.000000
BETA_A(4, 1)	0.000000	0.000000
BETA_A(4, 2)	1.000000	0.000000
C_IZC(1, 1, 1)	0.3000000	0.000000
C_IZC(1, 1, 2)	0.3000000	0.000000
C_IZC(1, 1, 3)	0.3000000	0.000000
C_IZC(1, 1, 4)	0.3000000	0.000000
C_IZC(1, 2, 1)	0.8000000	0.000000
C_IZC(1, 2, 2)	0.8000000	0.000000
C_IZC(1, 2, 3)	0.8000000	0.000000
C_IZC(1, 2, 4)	0.8000000	0.000000
C_IZC(2, 1, 1)	0.7000000	0.000000
C_IZC(2, 1, 2)	0.7000000	0.000000
C_IZC(2, 1, 3)	0.8000000	0.000000
C_IZC(2, 1, 4)	0.9000000	0.000000
C_IZC(2, 2, 1)	0.6000000	0.000000
C_IZC(2, 2, 2)	0.6000000	0.000000
C_IZC(2, 2, 3)	0.7000000	0.000000
C_IZC(2, 2, 4)	0.7000000	0.000000
C_IZC(3, 1, 1)	0.5000000	0.000000
C_IZC(3, 1, 2)	0.5000000	0.000000
C_IZC(3, 1, 3)	0.6000000	0.000000
C_IZC(3, 1, 4)	0.7000000	0.000000
C_IZC(3, 2, 1)	0.3000000	0.000000
C_IZC(3, 2, 2)	0.3000000	0.000000
C_IZC(3, 2, 3)	0.3000000	0.000000
C_IZC(3, 2, 4)	0.3000000	0.000000
C_IZC(4, 1, 1)	0.9000000	0.000000
C_IZC(4, 1, 2)	1.000000	0.000000
C_IZC(4, 1, 3)	1.100000	0.000000
C_IZC(4, 1, 4)	1.300000	0.000000
C_IZC(4, 2, 1)	0.3000000	0.000000
C_IZC(4, 2, 2)	0.3000000	0.000000
C_IZC(4, 2, 3)	0.3000000	0.000000
C_IZC(4, 2, 4)	0.3000000	0.000000
INV_ZCMAX(1, 1, 1)	30.00000	0.000000
INV_ZCMAX(1, 1, 2)	30.00000	0.000000
INV_ZCMAX(1, 1, 3)	30.00000	0.000000
INV_ZCMAX(1, 1, 4)	30.00000	0.000000
INV_ZCMAX(1, 2, 1)	40.00000	0.000000
INV_ZCMAX(1, 2, 2)	40.00000	0.000000
INV_ZCMAX(1, 2, 3)	40.00000	0.000000
INV_ZCMAX(1, 2, 4)	40.00000	0.000000
INV_ZCMAX(2, 1, 1)	50.00000	0.000000
INV_ZCMAX(2, 1, 2)	50.00000	0.000000
INV_ZCMAX(2, 1, 3)	50.00000	0.000000
INV_ZCMAX(2, 1, 4)	50.00000	0.000000
INV_ZCMAX(2, 2, 1)	50.00000	0.000000
INV_ZCMAX(2, 2, 2)	50.00000	0.000000

INV_ZCMAX(2, 2, 3)	50.00000	0.000000
INV_ZCMAX(2, 2, 4)	50.00000	0.000000
INV_ZCMAX(3, 1, 1)	40.00000	0.000000
INV_ZCMAX(3, 1, 2)	40.00000	0.000000
INV_ZCMAX(3, 1, 3)	40.00000	0.000000
INV_ZCMAX(3, 1, 4)	40.00000	0.000000
INV_ZCMAX(3, 2, 1)	50.00000	0.000000
INV_ZCMAX(3, 2, 2)	50.00000	0.000000
INV_ZCMAX(3, 2, 3)	50.00000	0.000000
INV_ZCMAX(3, 2, 4)	50.00000	0.000000
INV_ZCMAX(4, 1, 1)	30.00000	0.000000
INV_ZCMAX(4, 1, 2)	30.00000	0.000000
INV_ZCMAX(4, 1, 3)	30.00000	0.000000
INV_ZCMAX(4, 1, 4)	30.00000	0.000000
INV_ZCMAX(4, 2, 1)	30.00000	0.000000
INV_ZCMAX(4, 2, 2)	30.00000	0.000000
INV_ZCMAX(4, 2, 3)	30.00000	0.000000
INV_ZCMAX(4, 2, 4)	30.00000	0.000000
INV_ZC(1, 1, 1)	0.000000	-0.7663261E-07
INV_ZC(1, 1, 2)	0.000000	0.2410666E-06
INV_ZC(1, 1, 3)	30.00000	0.000000
INV_ZC(1, 1, 4)	30.00000	0.000000
INV_ZC(1, 2, 1)	0.000000	0.4709091E-07
INV_ZC(1, 2, 2)	0.000000	0.1404879E-06
INV_ZC(1, 2, 3)	24.11765	0.000000
INV_ZC(1, 2, 4)	40.00000	0.000000
INV_ZC(2, 1, 1)	0.000000	0.1411001E-06
INV_ZC(2, 1, 2)	0.000000	0.1106311E-05
INV_ZC(2, 1, 3)	50.00000	0.000000
INV_ZC(2, 1, 4)	50.00000	0.000000
INV_ZC(2, 2, 1)	0.000000	-0.2134586E-06
INV_ZC(2, 2, 2)	0.000000	0.1250412E-05
INV_ZC(2, 2, 3)	14.70588	0.000000
INV_ZC(2, 2, 4)	50.00000	0.000000
INV_ZC(3, 1, 1)	0.000000	0.5812295E-06
INV_ZC(3, 1, 2)	0.000000	0.5493781E-06
INV_ZC(3, 1, 3)	40.00000	0.000000
INV_ZC(3, 1, 4)	40.00000	0.000000
INV_ZC(3, 2, 1)	0.000000	0.3405940E-06
INV_ZC(3, 2, 2)	0.000000	0.6688555E-06
INV_ZC(3, 2, 3)	50.00000	0.000000
INV_ZC(3, 2, 4)	50.00000	0.000000
INV_ZC(4, 1, 1)	0.000000	0.1034807E-05
INV_ZC(4, 1, 2)	0.000000	0.3807696E-06
INV_ZC(4, 1, 3)	0.000000	0.1427244E-06
INV_ZC(4, 1, 4)	30.00000	0.000000
INV_ZC(4, 2, 1)	0.000000	0.4714473E-07
INV_ZC(4, 2, 2)	0.000000	0.1961583E-06
INV_ZC(4, 2, 3)	0.000000	0.1722977E-07
INV_ZC(4, 2, 4)	30.00000	0.000000
X_QZ(1, 1, 1)	0.000000	0.000000
X_QZ(1, 1, 2)	610.6541	0.000000
X_QZ(1, 1, 3)	713.6750	0.000000
X_QZ(1, 1, 4)	693.0175	0.000000
X_QZ(1, 2, 1)	0.000000	0.000000
X_QZ(1, 2, 2)	0.000000	0.000000
X_QZ(1, 2, 3)	230.0373	0.000000
X_QZ(1, 2, 4)	15.88235	0.000000
X_QZ(2, 1, 1)	0.000000	0.000000
X_QZ(2, 1, 2)	794.6180	0.000000
X_QZ(2, 1, 3)	943.8283	0.000000
X_QZ(2, 1, 4)	1090.653	0.000000
X_QZ(2, 2, 1)	0.000000	0.000000
X_QZ(2, 2, 2)	0.000000	0.000000
X_QZ(2, 2, 3)	326.4376	0.000000
X_QZ(2, 2, 4)	35.29412	0.000000

X_QZ(3, 1, 1)	0.000000	0.000000
X_QZ(3, 1, 2)	974.4530	0.000000
X_QZ(3, 1, 3)	854.3232	0.000000
X_QZ(3, 1, 4)	378.5743	0.000000
X_QZ(3, 2, 1)	0.000000	0.000000
X_QZ(3, 2, 2)	0.000000	0.000000
X_QZ(3, 2, 3)	277.1345	0.000000
X_QZ(3, 2, 4)	0.000000	0.000000
X_QZ(4, 1, 1)	0.000000	0.000000
X_QZ(4, 1, 2)	1834.279	0.000000
X_QZ(4, 1, 3)	2208.173	0.000000
X_QZ(4, 1, 4)	1955.617	0.000000
X_QZ(4, 2, 1)	0.000000	0.000000
X_QZ(4, 2, 2)	0.000000	0.000000
X_QZ(4, 2, 3)	637.7468	0.000000
X_QZ(4, 2, 4)	30.00000	0.000000
C_TCR(1, 1, 1)	10.48800	0.000000
C_TCR(1, 1, 2)	14.68320	0.000000
C_TCR(1, 2, 1)	12.58560	0.000000
C_TCR(1, 2, 2)	30.18720	0.000000
C_TCR(2, 1, 1)	8.556000	0.000000
C_TCR(2, 1, 2)	11.97840	0.000000
C_TCR(2, 2, 1)	10.26720	0.000000
C_TCR(2, 2, 2)	24.62640	0.000000
C_TCR(3, 1, 1)	3.726000	0.000000
C_TCR(3, 1, 2)	5.216400	0.000000
C_TCR(3, 2, 1)	4.471200	0.000000
C_TCR(3, 2, 2)	10.72440	0.000000
C_TCR(4, 1, 1)	3.933000	0.000000
C_TCR(4, 1, 2)	5.506200	0.000000
C_TCR(4, 2, 1)	4.719600	0.000000
C_TCR(4, 2, 2)	11.32020	0.000000
X_FCR(1, 1, 1, 1)	0.000000	-0.4523867E-07
X_FCR(1, 1, 1, 2)	610.6541	0.000000
X_FCR(1, 1, 1, 3)	683.6750	0.000000
X_FCR(1, 1, 1, 4)	693.0175	0.000000
X_FCR(1, 1, 2, 1)	0.000000	-0.3500424E-07
X_FCR(1, 1, 2, 2)	0.000000	0.1847533E-06
X_FCR(1, 1, 2, 3)	0.000000	0.1400170E-06
X_FCR(1, 1, 2, 4)	0.000000	0.1400170E-06
X_FCR(1, 2, 1, 1)	0.000000	0.000000
X_FCR(1, 2, 1, 2)	0.000000	0.000000
X_FCR(1, 2, 1, 3)	205.9196	0.000000
X_FCR(1, 2, 1, 4)	0.000000	0.2448727E-06
X_FCR(1, 2, 2, 1)	0.000000	0.2114633E-05
X_FCR(1, 2, 2, 2)	0.000000	0.2193118E-05
X_FCR(1, 2, 2, 3)	0.000000	0.2178206E-05
X_FCR(1, 2, 2, 4)	0.000000	0.2303782E-05
X_FCR(2, 1, 1, 1)	0.000000	0.000000
X_FCR(2, 1, 1, 2)	794.6180	0.000000
X_FCR(2, 1, 1, 3)	552.4658	0.000000
X_FCR(2, 1, 1, 4)	1037.654	0.000000
X_FCR(2, 1, 2, 1)	0.000000	0.2608832E-06
X_FCR(2, 1, 2, 2)	0.000000	0.4110247E-06
X_FCR(2, 1, 2, 3)	341.3625	0.000000
X_FCR(2, 1, 2, 4)	52.99898	0.000000
X_FCR(2, 2, 1, 1)	0.000000	0.000000
X_FCR(2, 2, 1, 2)	0.000000	0.3388617E-06
X_FCR(2, 2, 1, 3)	311.7318	0.000000
X_FCR(2, 2, 1, 4)	0.000000	0.1338214E-06
X_FCR(2, 2, 2, 1)	0.000000	0.1977629E-05
X_FCR(2, 2, 2, 2)	0.000000	0.2370599E-05
X_FCR(2, 2, 2, 3)	0.000000	0.1650536E-05
X_FCR(2, 2, 2, 4)	0.000000	0.1665061E-05
X_FCR(3, 1, 1, 1)	0.000000	-0.2331212E-07
X_FCR(3, 1, 1, 2)	112.7011	0.000000

X_FCR(3, 1, 1, 3)	0.000000	0.1206933E-06
X_FCR(3, 1, 1, 4)	0.000000	0.000000
X_FCR(3, 1, 2, 1)	0.000000	0.2404598E-06
X_FCR(3, 1, 2, 2)	861.7519	0.000000
X_FCR(3, 1, 2, 3)	814.3232	0.000000
X_FCR(3, 1, 2, 4)	378.5743	0.000000
X_FCR(3, 2, 1, 1)	0.000000	-0.2331212E-07
X_FCR(3, 2, 1, 2)	0.000000	0.2092415E-06
X_FCR(3, 2, 1, 3)	227.1345	0.000000
X_FCR(3, 2, 1, 4)	0.000000	0.3873297E-07
X_FCR(3, 2, 2, 1)	0.000000	0.9880751E-06
X_FCR(3, 2, 2, 2)	0.000000	0.8608228E-06
X_FCR(3, 2, 2, 3)	0.000000	0.5607122E-06
X_FCR(3, 2, 2, 4)	0.000000	0.6008415E-06
X_FCR(4, 1, 1, 1)	0.000000	0.7891495E-06
X_FCR(4, 1, 1, 2)	396.0309	0.000000
X_FCR(4, 1, 1, 3)	1063.859	0.000000
X_FCR(4, 1, 1, 4)	57.18996	0.000000
X_FCR(4, 1, 2, 1)	0.000000	0.000000
X_FCR(4, 1, 2, 2)	1438.248	0.000000
X_FCR(4, 1, 2, 3)	1144.314	0.000000
X_FCR(4, 1, 2, 4)	1868.427	0.000000
X_FCR(4, 2, 1, 1)	0.000000	0.000000
X_FCR(4, 2, 1, 2)	0.000000	0.1043310E-06
X_FCR(4, 2, 1, 3)	637.7468	0.000000
X_FCR(4, 2, 1, 4)	0.000000	0.1789824E-06
X_FCR(4, 2, 2, 1)	0.000000	0.000000
X_FCR(4, 2, 2, 2)	0.000000	0.7974465E-06
X_FCR(4, 2, 2, 3)	0.000000	0.7229397E-06
X_FCR(4, 2, 2, 4)	0.000000	0.7826251E-06
C_RC(1, 1, 1)	4.300000	0.000000
C_RC(1, 1, 2)	4.400000	0.000000
C_RC(1, 1, 3)	4.500000	0.000000
C_RC(1, 1, 4)	5.300000	0.000000
C_RC(1, 2, 1)	5.100000	0.000000
C_RC(1, 2, 2)	5.700000	0.000000
C_RC(1, 2, 3)	6.400000	0.000000
C_RC(1, 2, 4)	7.000000	0.000000
C_RC(2, 1, 1)	6.400000	0.000000
C_RC(2, 1, 2)	6.900000	0.000000
C_RC(2, 1, 3)	7.100000	0.000000
C_RC(2, 1, 4)	7.400000	0.000000
C_RC(2, 2, 1)	6.300000	0.000000
C_RC(2, 2, 2)	7.300000	0.000000
C_RC(2, 2, 3)	8.700000	0.000000
C_RC(2, 2, 4)	10.00000	0.000000
C_RC(3, 1, 1)	4.800000	0.000000
C_RC(3, 1, 2)	5.200000	0.000000
C_RC(3, 1, 3)	6.000000	0.000000
C_RC(3, 1, 4)	6.300000	0.000000
C_RC(3, 2, 1)	5.000000	0.000000
C_RC(3, 2, 2)	5.400000	0.000000
C_RC(3, 2, 3)	5.900000	0.000000
C_RC(3, 2, 4)	6.400000	0.000000
C_RC(4, 1, 1)	5.100000	0.000000
C_RC(4, 1, 2)	5.800000	0.000000
C_RC(4, 1, 3)	6.100000	0.000000
C_RC(4, 1, 4)	7.100000	0.000000
C_RC(4, 2, 1)	3.400000	0.000000
C_RC(4, 2, 2)	3.500000	0.000000
C_RC(4, 2, 3)	4.000000	0.000000
C_RC(4, 2, 4)	4.200000	0.000000
C_IZR(1, 1, 1)	0.500000	0.000000
C_IZR(1, 1, 2)	0.500000	0.000000
C_IZR(1, 1, 3)	0.600000	0.000000
C_IZR(1, 1, 4)	0.700000	0.000000

C_IZR(1, 2, 1)	1.400000	0.000000
C_IZR(1, 2, 2)	1.500000	0.000000
C_IZR(1, 2, 3)	1.600000	0.000000
C_IZR(1, 2, 4)	1.800000	0.000000
C_IZR(2, 1, 1)	1.100000	0.000000
C_IZR(2, 1, 2)	1.300000	0.000000
C_IZR(2, 1, 3)	1.600000	0.000000
C_IZR(2, 1, 4)	1.700000	0.000000
C_IZR(2, 2, 1)	0.900000	0.000000
C_IZR(2, 2, 2)	0.900000	0.000000
C_IZR(2, 2, 3)	0.900000	0.000000
C_IZR(2, 2, 4)	1.000000	0.000000
C_IZR(3, 1, 1)	0.800000	0.000000
C_IZR(3, 1, 2)	0.900000	0.000000
C_IZR(3, 1, 3)	0.900000	0.000000
C_IZR(3, 1, 4)	1.000000	0.000000
C_IZR(3, 2, 1)	0.500000	0.000000
C_IZR(3, 2, 2)	0.500000	0.000000
C_IZR(3, 2, 3)	0.600000	0.000000
C_IZR(3, 2, 4)	0.700000	0.000000
C_IZR(4, 1, 1)	1.600000	0.000000
C_IZR(4, 1, 2)	1.800000	0.000000
C_IZR(4, 1, 3)	1.900000	0.000000
C_IZR(4, 1, 4)	2.100000	0.000000
C_IZR(4, 2, 1)	0.500000	0.000000
C_IZR(4, 2, 2)	0.600000	0.000000
C_IZR(4, 2, 3)	0.600000	0.000000
C_IZR(4, 2, 4)	0.600000	0.000000
INV_ZRMAX(1, 1, 1)	30.00000	0.000000
INV_ZRMAX(1, 1, 2)	30.00000	0.000000
INV_ZRMAX(1, 1, 3)	30.00000	0.000000
INV_ZRMAX(1, 1, 4)	30.00000	0.000000
INV_ZRMAX(1, 2, 1)	40.00000	0.000000
INV_ZRMAX(1, 2, 2)	40.00000	0.000000
INV_ZRMAX(1, 2, 3)	40.00000	0.000000
INV_ZRMAX(1, 2, 4)	40.00000	0.000000
INV_ZRMAX(2, 1, 1)	50.00000	0.000000
INV_ZRMAX(2, 1, 2)	50.00000	0.000000
INV_ZRMAX(2, 1, 3)	50.00000	0.000000
INV_ZRMAX(2, 1, 4)	50.00000	0.000000
INV_ZRMAX(2, 2, 1)	40.00000	0.000000
INV_ZRMAX(2, 2, 2)	40.00000	0.000000
INV_ZRMAX(2, 2, 3)	40.00000	0.000000
INV_ZRMAX(2, 2, 4)	40.00000	0.000000
INV_ZRMAX(3, 1, 1)	40.00000	0.000000
INV_ZRMAX(3, 1, 2)	40.00000	0.000000
INV_ZRMAX(3, 1, 3)	40.00000	0.000000
INV_ZRMAX(3, 1, 4)	40.00000	0.000000
INV_ZRMAX(3, 2, 1)	50.00000	0.000000
INV_ZRMAX(3, 2, 2)	50.00000	0.000000
INV_ZRMAX(3, 2, 3)	50.00000	0.000000
INV_ZRMAX(3, 2, 4)	50.00000	0.000000
INV_ZRMAX(4, 1, 1)	30.00000	0.000000
INV_ZRMAX(4, 1, 2)	30.00000	0.000000
INV_ZRMAX(4, 1, 3)	30.00000	0.000000
INV_ZRMAX(4, 1, 4)	30.00000	0.000000
INV_ZRMAX(4, 2, 1)	20.00000	0.000000
INV_ZRMAX(4, 2, 2)	20.00000	0.000000
INV_ZRMAX(4, 2, 3)	20.00000	0.000000
INV_ZRMAX(4, 2, 4)	20.00000	0.000000
X_TCR(1, 1, 1)	0.000000	-0.9339698E-07
X_TCR(1, 1, 2)	610.6541	0.000000
X_TCR(1, 1, 3)	889.5946	0.000000
X_TCR(1, 1, 4)	663.0175	0.000000
X_TCR(1, 2, 1)	0.000000	0.000000
X_TCR(1, 2, 2)	0.000000	0.000000

X_TCR(1, 2, 3)	0.000000	0.000000
X_TCR(1, 2, 4)	0.000000	0.000000
X_TCR(2, 1, 1)	0.000000	0.000000
X_TCR(2, 1, 2)	794.6180	0.000000
X_TCR(2, 1, 3)	864.1975	0.000000
X_TCR(2, 1, 4)	987.6543	0.000000
X_TCR(2, 2, 1)	0.000000	0.000000
X_TCR(2, 2, 2)	0.000000	0.000000
X_TCR(2, 2, 3)	341.3625	0.000000
X_TCR(2, 2, 4)	52.99898	0.000000
X_TCR(3, 1, 1)	0.000000	0.000000
X_TCR(3, 1, 2)	112.7011	0.000000
X_TCR(3, 1, 3)	187.1345	0.000000
X_TCR(3, 1, 4)	0.000000	0.000000
X_TCR(3, 2, 1)	0.000000	0.000000
X_TCR(3, 2, 2)	861.7519	0.000000
X_TCR(3, 2, 3)	764.3232	0.000000
X_TCR(3, 2, 4)	378.5743	0.000000
X_TCR(4, 1, 1)	0.000000	0.000000
X_TCR(4, 1, 2)	396.0309	0.000000
X_TCR(4, 1, 3)	1701.606	0.000000
X_TCR(4, 1, 4)	27.18996	0.000000
X_TCR(4, 2, 1)	0.000000	0.7825882E-06
X_TCR(4, 2, 2)	1438.248	0.000000
X_TCR(4, 2, 3)	1144.314	0.000000
X_TCR(4, 2, 4)	1848.427	0.000000
INV_ZR(1, 1, 1)	0.000000	0.000000
INV_ZR(1, 1, 2)	0.000000	0.9339698E-07
INV_ZR(1, 1, 3)	0.000000	0.2134788E-06
INV_ZR(1, 1, 4)	30.00000	0.000000
INV_ZR(1, 2, 1)	0.000000	0.2197576E-06
INV_ZR(1, 2, 2)	0.000000	0.2354546E-06
INV_ZR(1, 2, 3)	0.000000	0.2511515E-06
INV_ZR(1, 2, 4)	0.000000	0.2825455E-06
INV_ZR(2, 1, 1)	0.000000	0.2038880E-06
INV_ZR(2, 1, 2)	0.000000	0.1021429E-05
INV_ZR(2, 1, 3)	0.000000	0.2750941E-06
INV_ZR(2, 1, 4)	50.00000	0.000000
INV_ZR(2, 2, 1)	0.000000	0.2266015E-06
INV_ZR(2, 2, 2)	0.000000	0.5774405E-06
INV_ZR(2, 2, 3)	0.000000	0.4591838E-07
INV_ZR(2, 2, 4)	0.000000	0.7965642E-07
INV_ZR(3, 1, 1)	0.000000	0.6516325E-06
INV_ZR(3, 1, 2)	0.000000	0.5537958E-06
INV_ZR(3, 1, 3)	40.00000	0.000000
INV_ZR(3, 1, 4)	40.00000	0.000000
INV_ZR(3, 2, 1)	0.000000	0.2447356E-06
INV_ZR(3, 2, 2)	0.000000	0.4001388E-06
INV_ZR(3, 2, 3)	50.00000	0.000000
INV_ZR(3, 2, 4)	50.00000	0.000000
INV_ZR(4, 1, 1)	0.000000	0.3555364E-06
INV_ZR(4, 1, 2)	0.000000	0.3272818E-06
INV_ZR(4, 1, 3)	0.000000	0.4473637E-06
INV_ZR(4, 1, 4)	30.00000	0.000000
INV_ZR(4, 2, 1)	0.000000	0.8759851E-06
INV_ZR(4, 2, 2)	0.000000	0.1687424E-06
INV_ZR(4, 2, 3)	0.000000	0.1240061E-06
INV_ZR(4, 2, 4)	20.00000	0.000000
LAMBDA_A(1, 1)	0.000000	0.000000
LAMBDA_A(1, 2)	0.000000	0.000000
LAMBDA_A(1, 3)	0.000000	0.000000
LAMBDA_A(1, 4)	0.000000	0.000000
LAMBDA_A(1, 5)	0.000000	0.000000
LAMBDA_A(1, 6)	0.000000	0.000000
LAMBDA_A(2, 1)	0.000000	0.000000
LAMBDA_A(2, 2)	0.9000000	0.000000

LAMBDA_A (2, 3)	0.000000	0.000000
LAMBDA_A (2, 4)	0.000000	0.000000
LAMBDA_A (2, 5)	0.000000	0.000000
LAMBDA_A (2, 6)	0.000000	0.000000
LAMBDA_A (3, 1)	0.000000	0.000000
LAMBDA_A (3, 2)	0.000000	0.000000
LAMBDA_A (3, 3)	0.450000	0.000000
LAMBDA_A (3, 4)	0.450000	0.000000
LAMBDA_A (3, 5)	0.000000	0.000000
LAMBDA_A (3, 6)	0.000000	0.000000
LAMBDA_A (4, 1)	0.000000	0.000000
LAMBDA_A (4, 2)	0.000000	0.000000
LAMBDA_A (4, 3)	0.000000	0.000000
LAMBDA_A (4, 4)	0.000000	0.000000
LAMBDA_A (4, 5)	0.000000	0.000000
LAMBDA_A (4, 6)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	0.000000	-0.1569697E-06
2	0.000000	-0.1569697E-06
3	0.000000	-0.1569697E-06
4	0.000000	-0.1569697E-06
5	0.000000	-0.1569697E-06
6	0.000000	-0.1569697E-06
7	0.000000	-0.1569697E-06
8	-0.2793968E-08	-0.1569697E-06
9	0.000000	-0.1569697E-06
10	0.000000	-0.1569697E-06
11	0.000000	-0.1569697E-06
12	0.000000	-0.1569697E-06
13	0.000000	-0.1569697E-06
14	0.000000	-0.1569697E-06
15	0.000000	-0.1569697E-06
16	0.000000	-0.1569697E-06
17	0.000000	-0.1569697E-06
18	0.000000	-0.1569697E-06
19	0.000000	-0.1569697E-06
20	0.000000	-0.1569697E-06
21	0.000000	-0.1569697E-06
22	0.000000	-0.1569697E-06
23	0.000000	-0.1569697E-06
24	0.000000	0.1569697E-06
25	0.000000	-0.1569697E-06
26	0.000000	-0.1569697E-06
27	0.000000	-0.1508479E-02
28	0.000000	-0.2446731E-02
29	0.000000	0.000000
30	0.000000	0.000000
31	0.000000	0.000000
32	0.000000	0.000000
33	0.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	0.000000	0.000000
37	0.000000	0.000000
38	0.000000	0.000000
39	0.000000	0.000000
40	0.000000	0.000000
41	0.000000	0.000000
42	0.000000	0.000000
43	0.000000	0.000000
44	0.000000	0.000000
45	0.000000	0.000000
46	0.000000	0.000000
47	0.000000	0.000000
48	0.000000	0.000000

49	0.000000	-0.1582255E-02
50	0.000000	0.000000
51	0.000000	-0.3924277E-04
52	0.000000	-0.4570340E-03
53	0.000000	0.000000
54	0.000000	-0.1400955E-02
55	0.000000	0.000000
56	0.000000	-0.3005970E-04
57	0.000000	0.000000
58	0.000000	0.000000
59	0.000000	0.000000
60	0.000000	0.000000
61	0.000000	0.000000
62	0.000000	0.000000
63	0.000000	0.000000
64	0.000000	0.000000
65	0.000000	0.000000
66	0.000000	0.000000
67	0.000000	-0.5245629E-03
68	0.000000	-0.2830462E-03
69	0.000000	0.000000
70	0.000000	-0.8900182E-03
71	0.000000	0.000000
72	0.000000	-0.6263091E-03
73	0.000000	0.000000
74	0.000000	0.000000
75	0.000000	0.000000
76	0.000000	0.000000
77	0.000000	0.000000
78	0.000000	0.000000
79	0.000000	0.000000
80	0.000000	0.000000
81	0.000000	0.000000
82	0.000000	0.000000
83	0.000000	0.000000
84	0.000000	0.000000
85	0.000000	-0.5005782E-03
86	0.000000	-0.3729583E-03
87	0.000000	0.000000
88	0.000000	-0.9229819E-03
89	0.000000	0.000000
90	0.000000	-0.7087182E-03
91	0.000000	0.000000
92	0.000000	0.000000
93	0.000000	0.000000
94	0.000000	0.000000
95	0.000000	0.000000
96	0.000000	0.000000
97	0.000000	0.000000
98	0.000000	0.000000
99	0.000000	0.000000
100	0.000000	0.000000
101	0.000000	0.000000
102	0.000000	0.000000
103	0.000000	0.000000
104	0.000000	0.000000
105	0.000000	0.000000
106	0.000000	0.000000
107	0.000000	0.000000
108	0.000000	0.000000
109	0.000000	0.000000
110	0.000000	0.000000
111	0.000000	0.000000
112	0.000000	-0.1744504E-02
113	0.000000	-0.1323312E-02
114	0.000000	-0.1676379E-02

115	0.000000	0.000000
116	0.000000	0.000000
117	0.000000	0.000000
118	0.000000	0.000000
119	0.000000	0.000000
120	0.000000	0.000000
121	0.000000	0.000000
122	0.000000	0.000000
123	0.000000	0.000000
124	0.000000	0.000000
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