

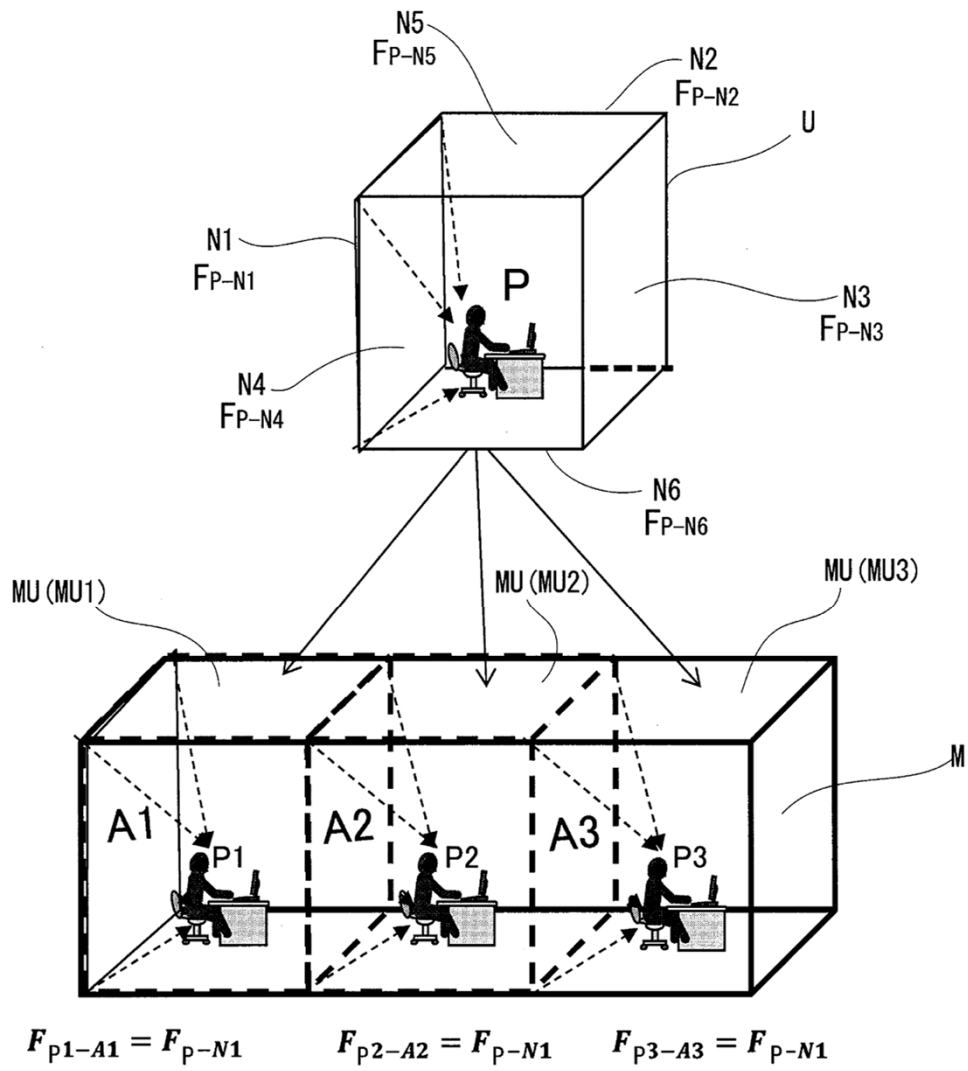


FIG.1

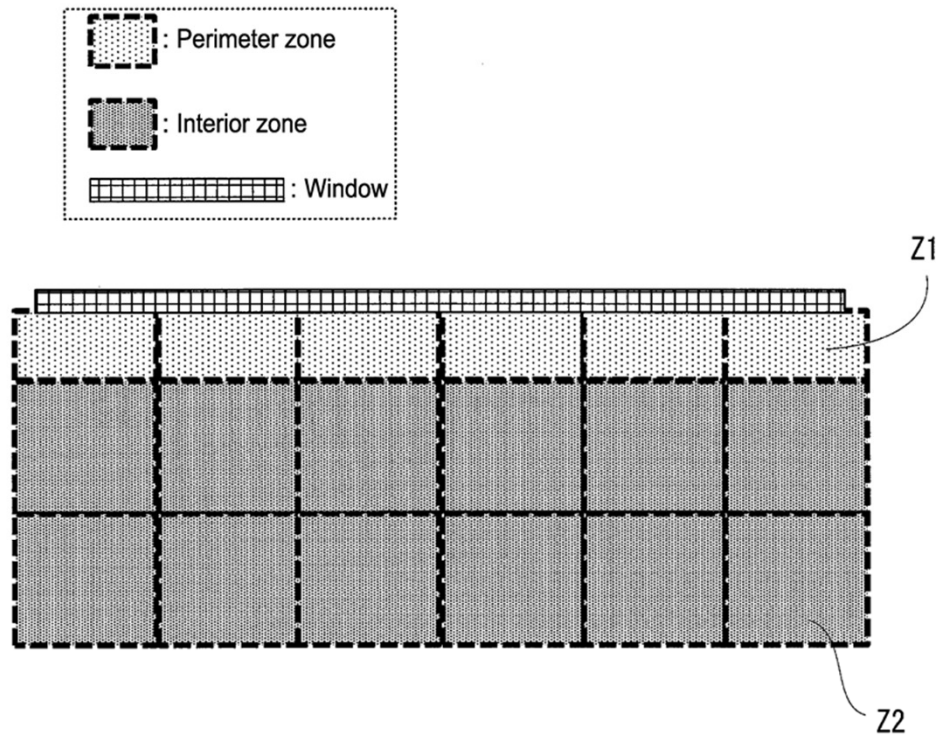


FIG.2A

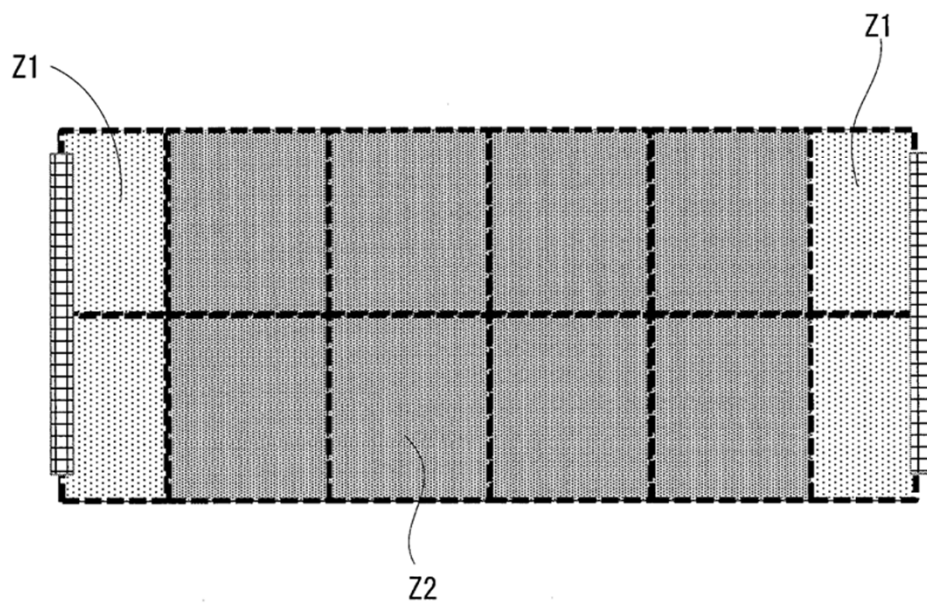


FIG.2B

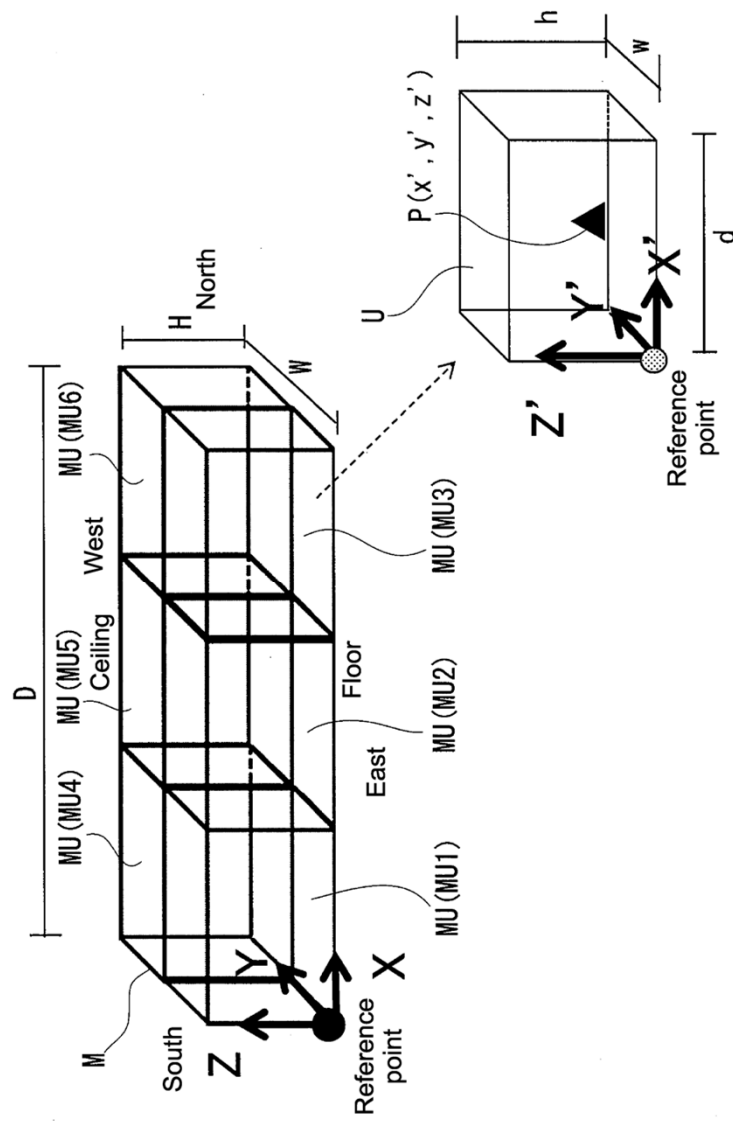


FIG.3

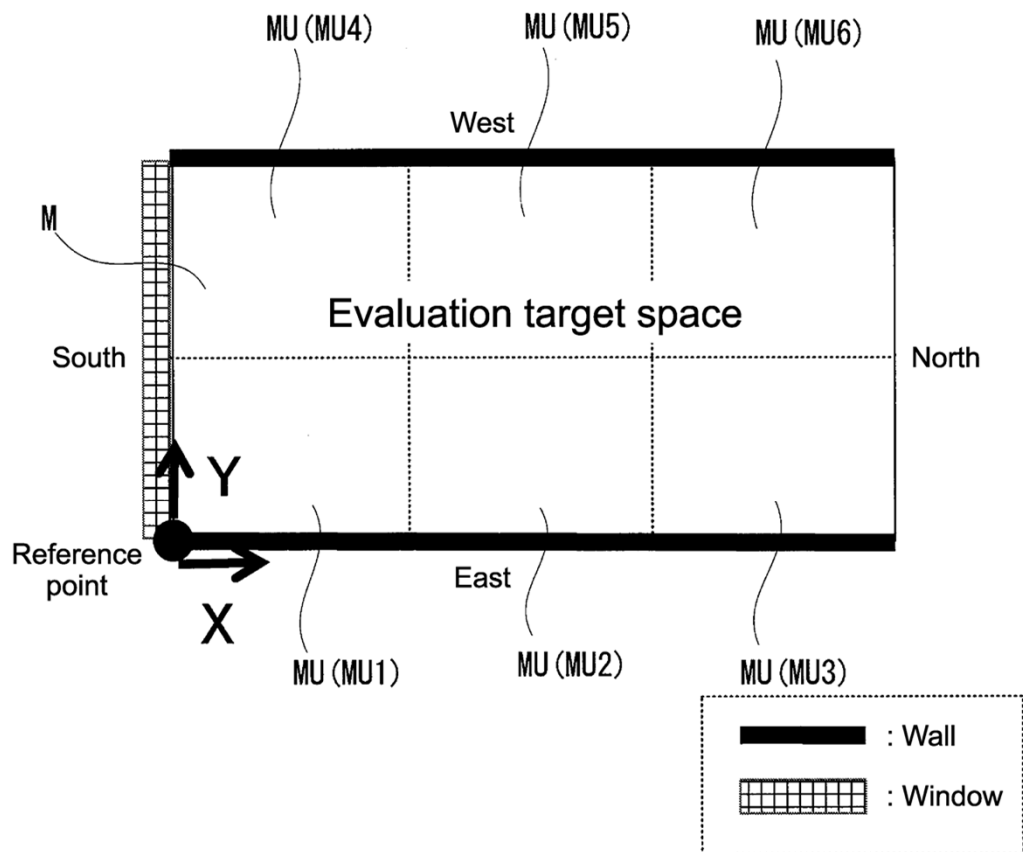


FIG.4

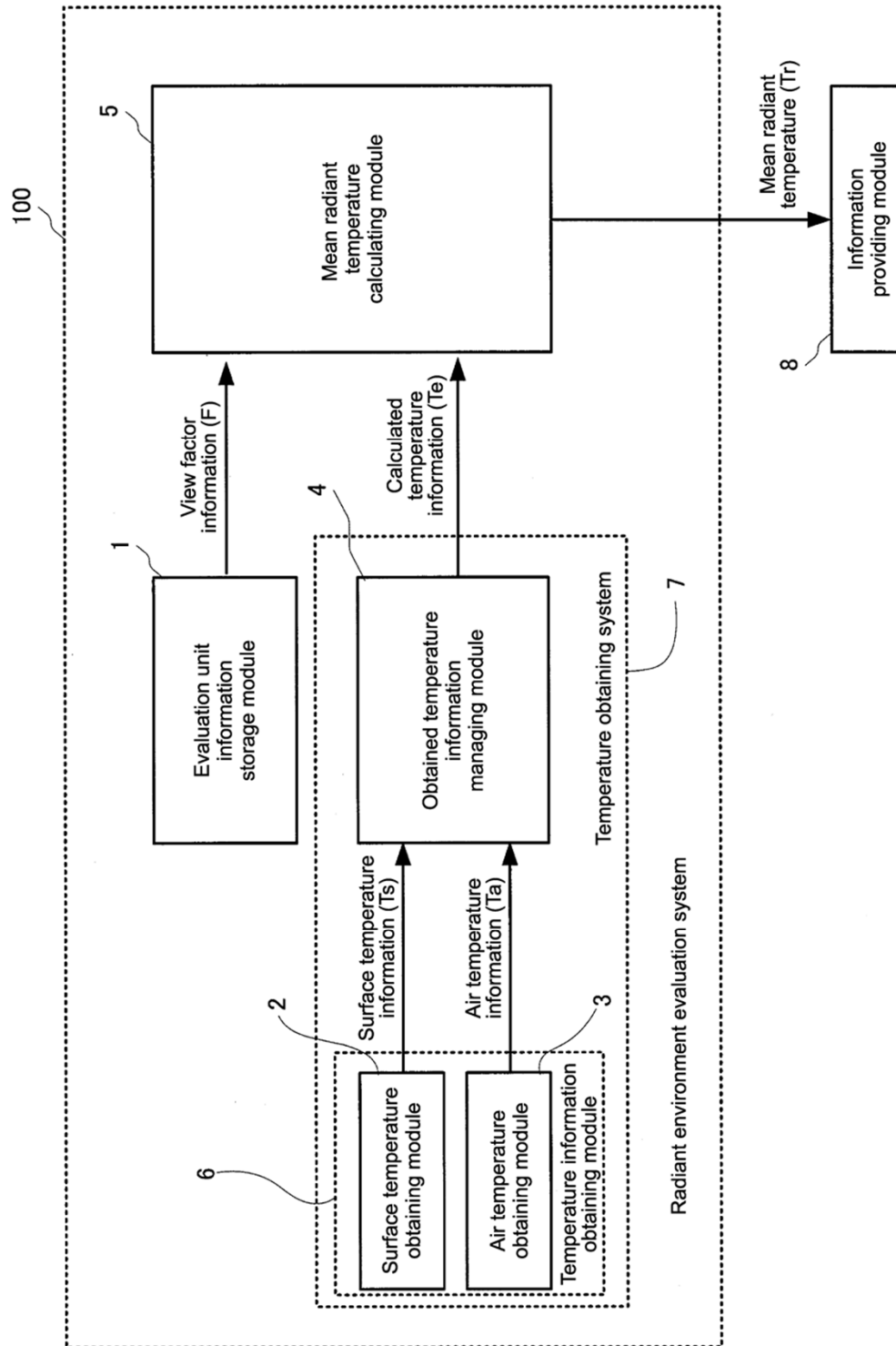


FIG.5

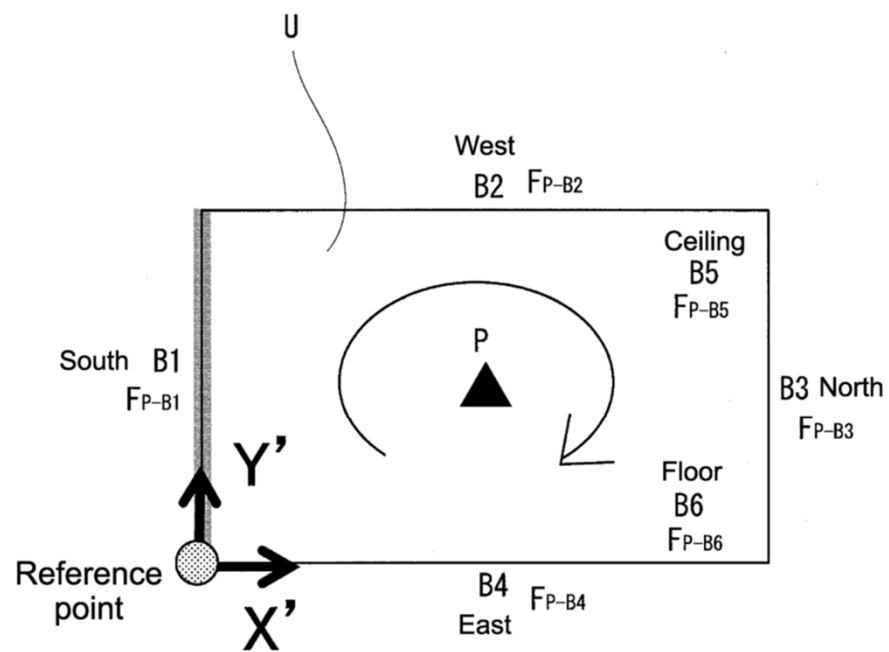


FIG.6

F_{P-Bi}

Evaluation unit space ID	Evaluation position ID	View factor from boundary plane B1 to evaluation position	View factor from boundary plane B2 to evaluation position	...	View factor from boundary plane B α to evaluation position
U1	U1P1	$F_{U1P1-B1}$	$F_{U1P1-B2}$	...	$F_{U1P1-B\alpha}$
U1	U1P2	$F_{U1P2-B1}$	$F_{U1P2-B2}$	...	$F_{U1P2-B\alpha}$
U1	U1P3	$F_{U1P3-B1}$	$F_{U1P3-B2}$	...	$F_{U1P3-B\alpha}$
U2	U2P1	$F_{U2P1-B1}$	$F_{U2P1-B2}$	...	$F_{U2P1-B\alpha}$
:	:	:	:	:	:

FIG.7

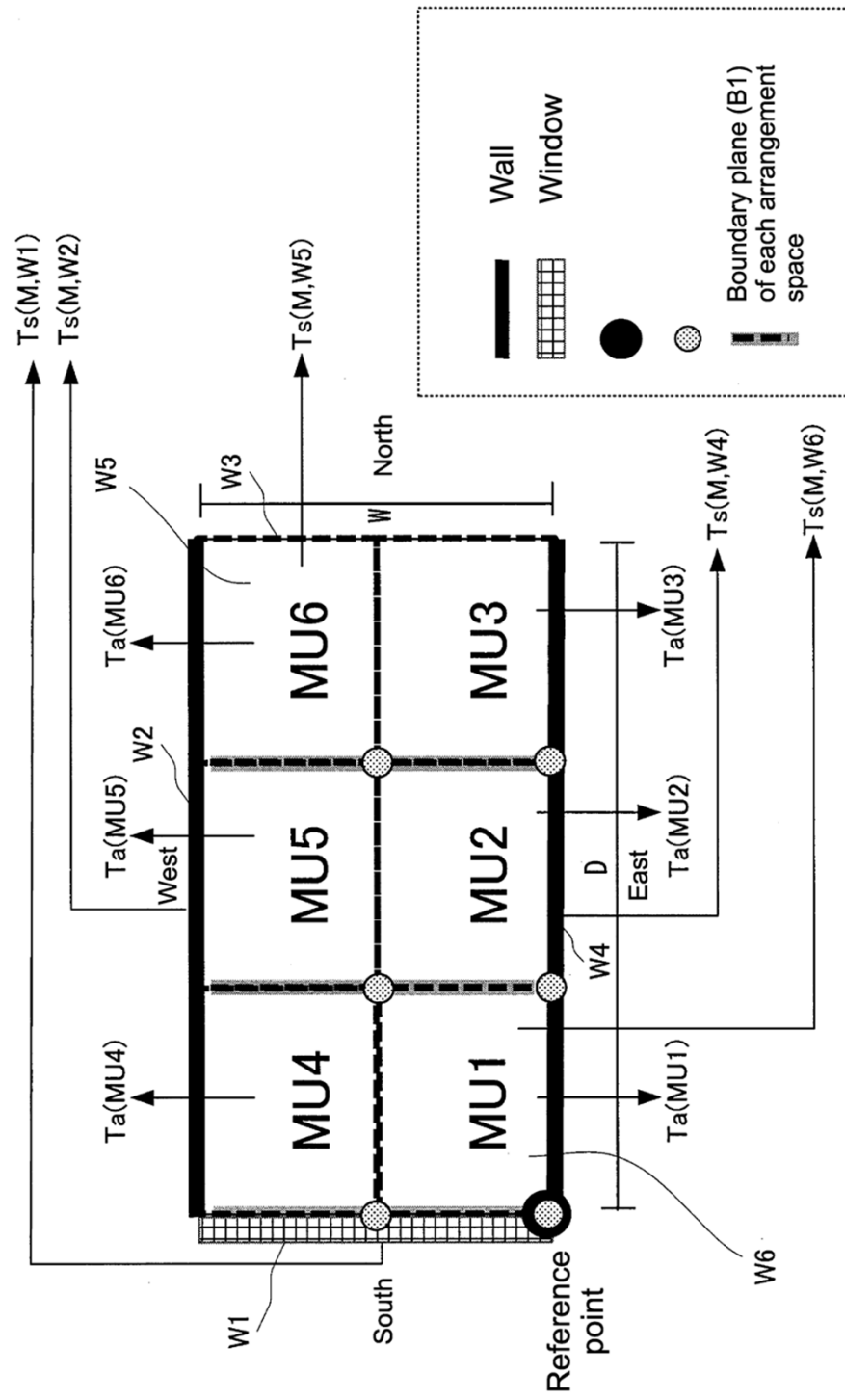


FIG. 8

S(MUj,Bi)

※ 1: Physical boundary plane, 0: Non-physical boundary plane

Boundary plane ID Evaluation unit space ID	B1	B2	B3	B4	B5	B6
MU1	1	0	0	1	1	1
MU2	0	0	0	1	1	1
MU3	0	0	0	1	1	1
MU4	1	1	0	0	1	1
MU5	0	1	0	0	1	1
MU6	0	1	0	0	1	1

FIG.9

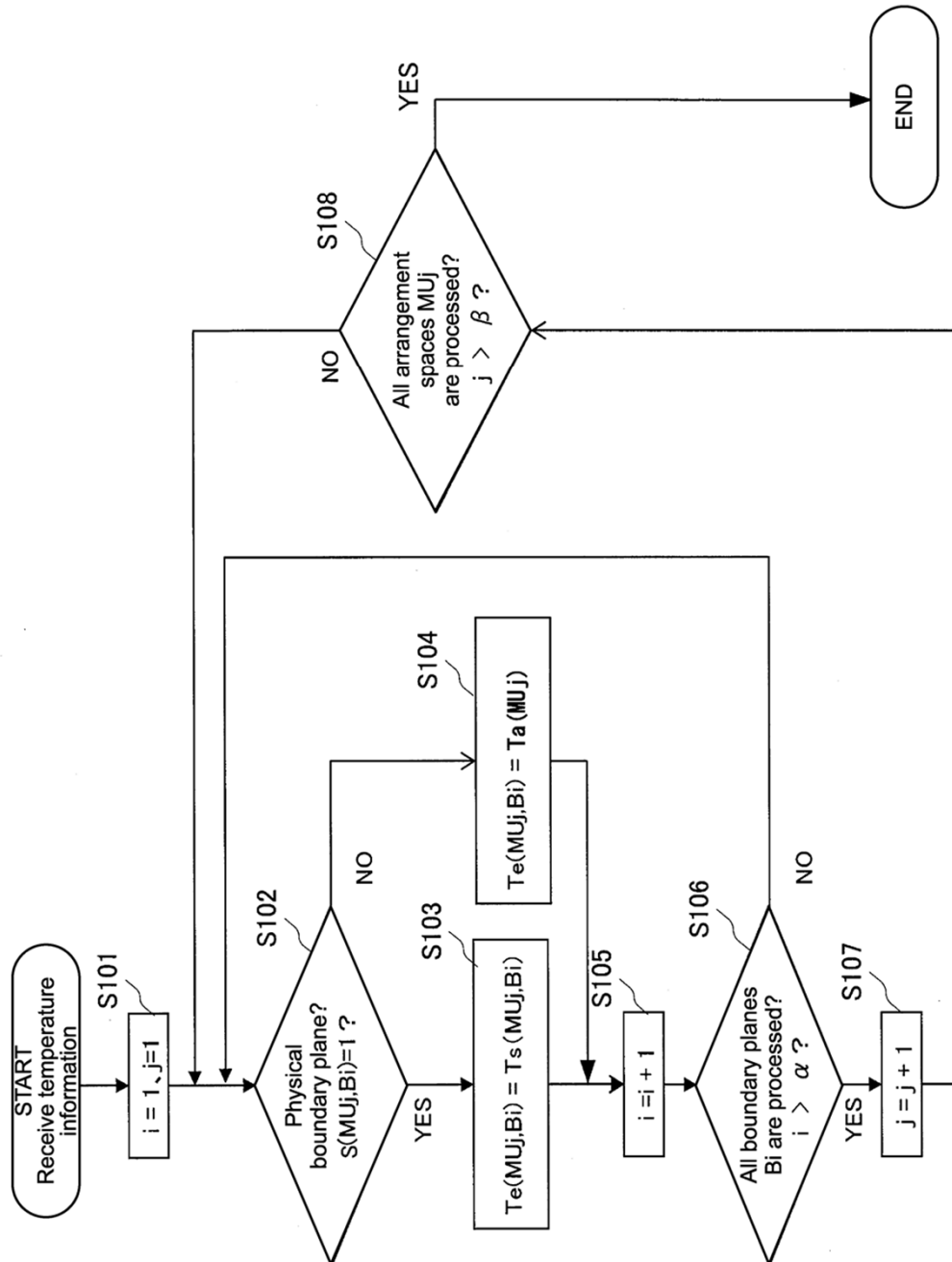


FIG.10

$T_e(\text{MU}_j, \text{Bi})$

Boundary plane ID Evaluation unit space ID	B1	B2	B3	B4	B5	B6
MU1	Ts (MU1, B1)	Ta (MU1)	Ta (MU1)	Ts (MU1, B4)	Ts (MU1, B5)	Ts (MU1, B6)
MU2	Ta (MU2)	Ta (MU2)	Ta (MU2)	Ts (MU2, B4)	Ts (MU2, B5)	Ts (MU2, B6)
MU3	Ta (MU3)	Ta (MU3)	Ta (MU3)	Ts (MU3, B4)	Ts (MU3, B5)	Ts (MU3, B6)
MU4	Ts (MU4, B1)	Ts (MU4, B1)	Ta (MU4)	Ta (MU4)	Ts (MU4, B5)	Ts (MU4, B6)
MU5	Ta (MU5)	Ts (MU5, B1)	Ta (MU5)	Ta (MU5)	Ts (MU5, B5)	Ts (MU5, B6)
MU6	Ta (MU6)	Ts (MU6, B1)	Ta (MU6)	Ta (MU6)	Ts (MU6, B5)	Ts (MU6, B6)

FIG.11

Obtaining date/time	Evaluation unit space ID	Calculated temperature of boundary plane B1 [°C]	Calculated temperature of boundary plane B2 [°C]	Calculated temperature of boundary plane B3 [°C]	Calculated temperature of boundary plane B4 [°C]	Calculated temperature of boundary plane B5 [°C]	Calculated temperature of boundary plane B6 [°C]
:	:	:	:	:	:	:	:
2017/8/1 :11:50	MU5						
2017/8/1 :11:50	MU6						
2017/8/1 12:00	MU1	30.1	27.4	27.4	27.8	26.0	27.2
2017/8/1 12:00	MU2	26.6	26.63	26.6	26.5	26.5	26.7
2017/8/1 12:00	MU3	26.6	26.6	26.6	26.8	26.4	26.6
2017/8/1 12:00	MU4	31.2	27.3	27.0	27.0	25.7	26.8
2017/8/1 12:00	MU5	26.3	26.8	26.3	26.3	26.0	26.5
2017/8/1 12:00	MU6	26.5	27.1	26.5	26.5	26.2	26.7
2017/8/1 12:10	MU1						
2017/8/1 12:10	MU2						
:	:	:	:	:	:	:	:

FIG.12

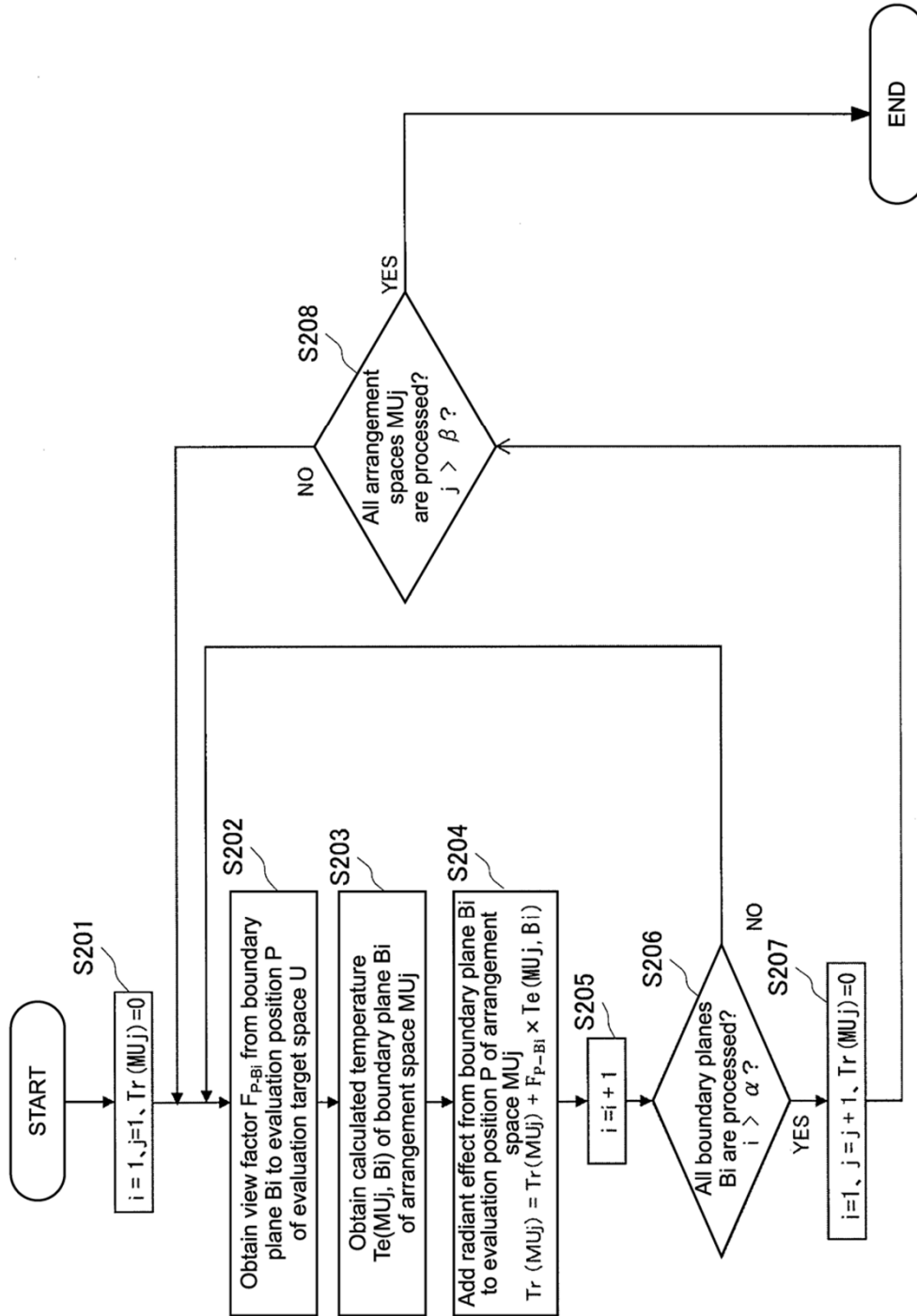


FIG.13

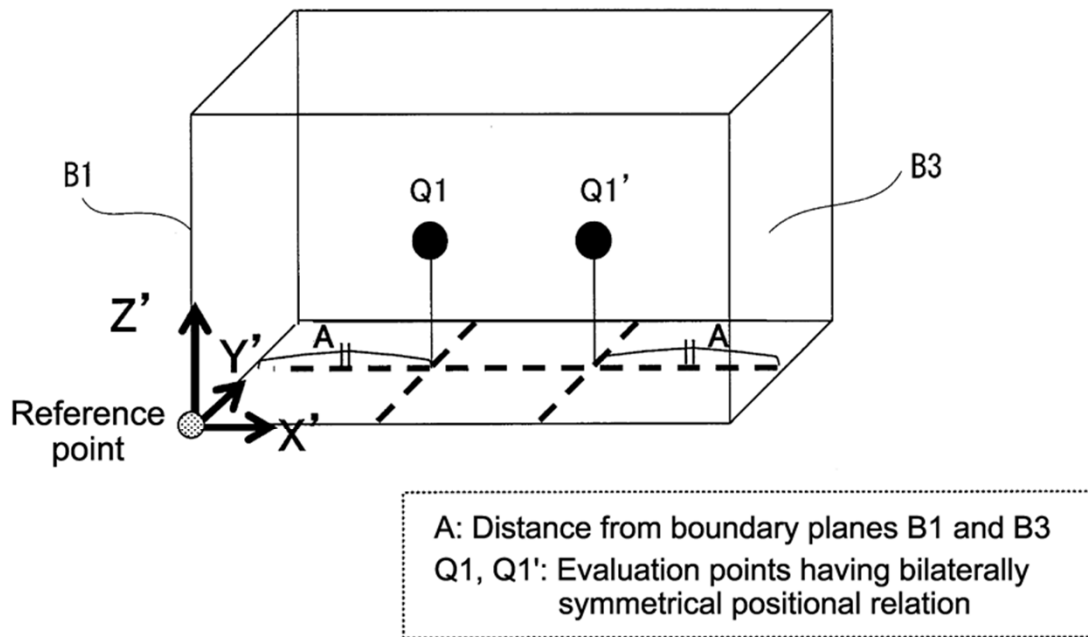


FIG.14

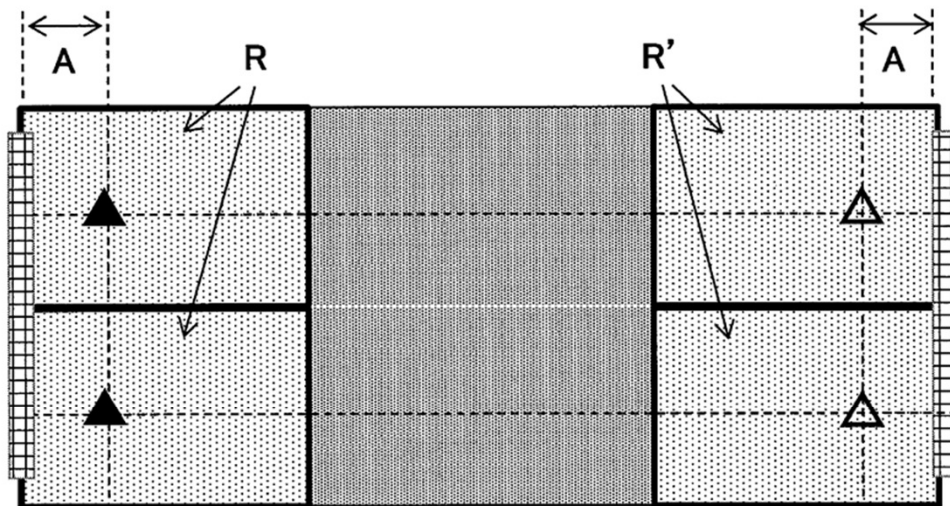


FIG.15

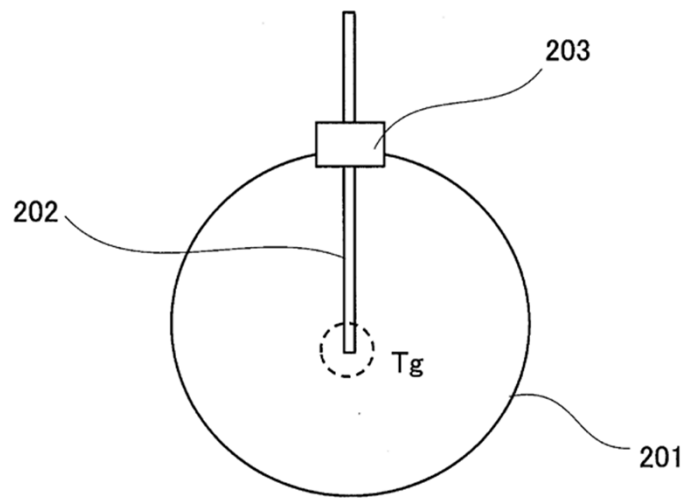


FIG.16

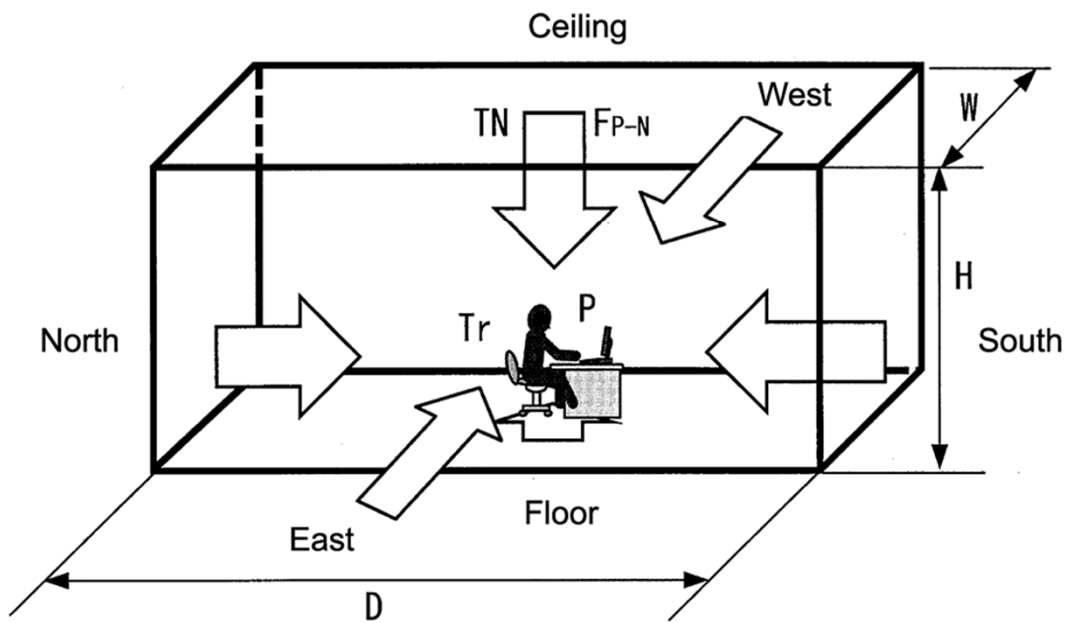


FIG.17

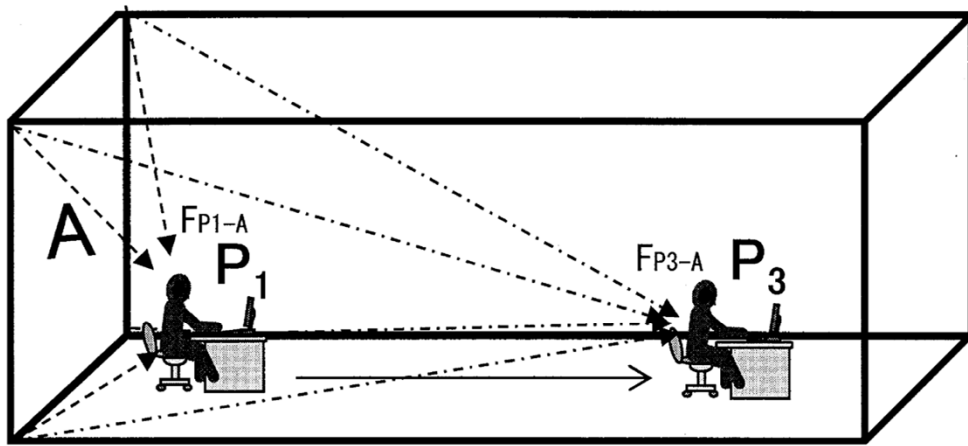


FIG.18