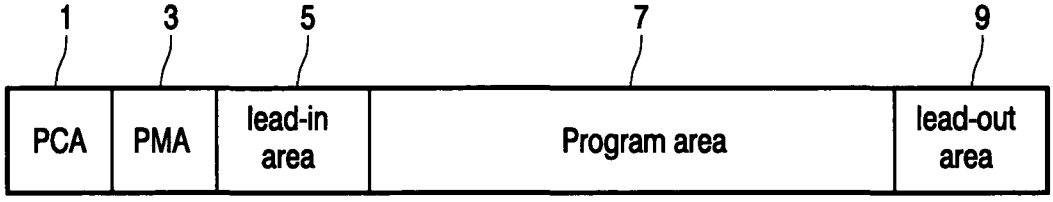
1
3
5
7
9
PCA
PMA
lead-in area
Program area
lead-out area

FIG.1

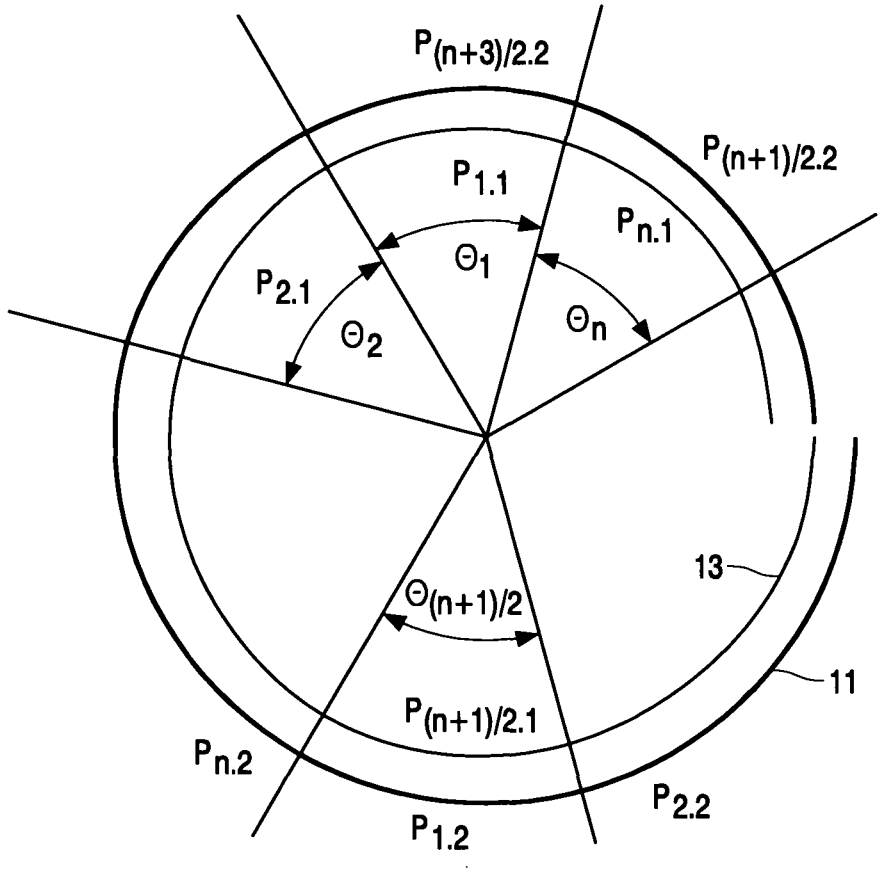
P(n+3)/2.2
P(n+1)/2.2
P1.1
Pn.1
Θ1
P2.1
Θ2
Θn
13
Θ(n+1)/2
11
P(n+1)/2.1
Pn.2
P2.2
P1.2

FIG.2

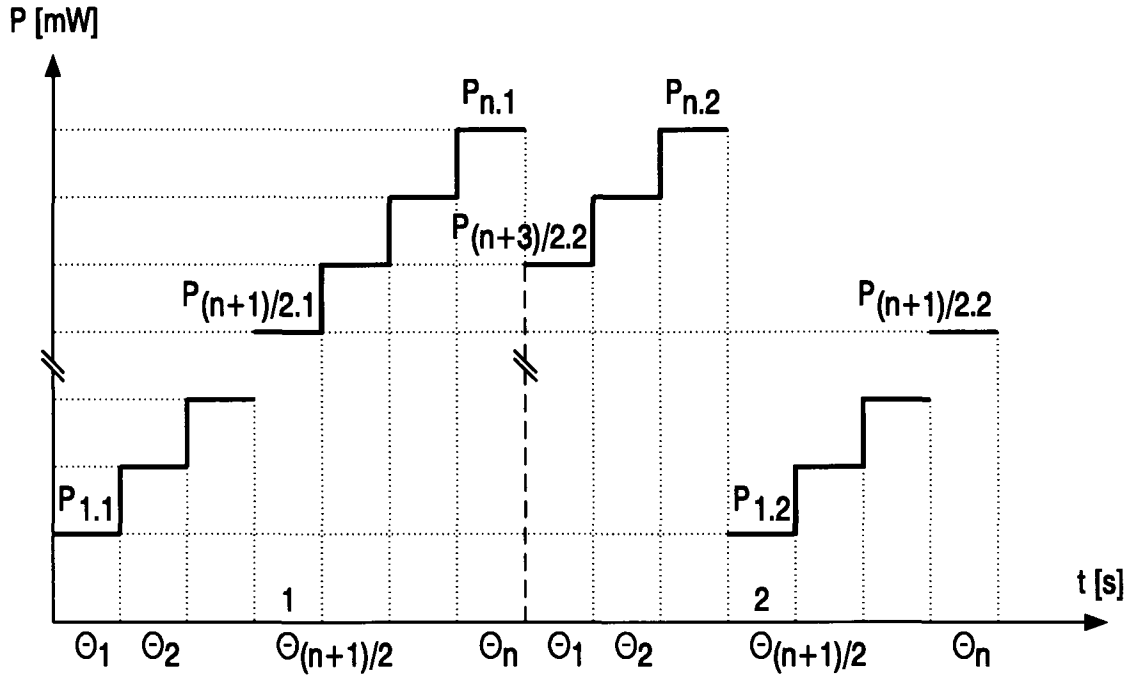
P [mW]
$P_{n.1}$
$P_{n.2}$
$P_{(n+3)/2.2}$
$P_{(n+1)/2.1}$
$P_{(n+1)/2.2}$
$P_{1.1}$
$P_{1.2}$
1
2
t [s]
Θ_1 Θ_2 $\Theta_{(n+1)/2}$ Θ_n Θ_1 Θ_2 $\Theta_{(n+1)/2}$ Θ_n

FIG.3

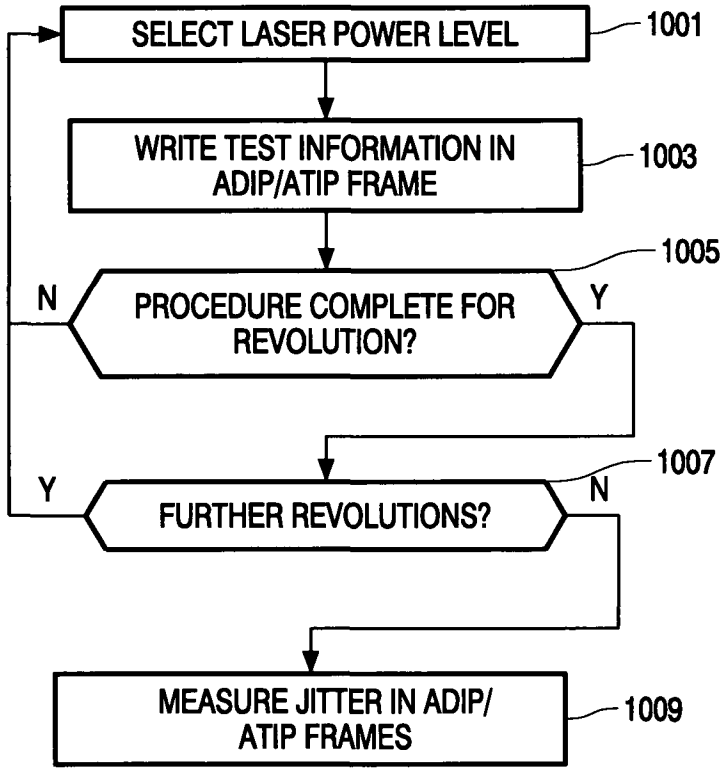
SELECT LASER POWER LEVEL
1001
WRITE TEST INFORMATION IN ADIP/ATIP FRAME
1003
1005
N
PROCEDURE COMPLETE FOR REVOLUTION?
Y
1007
Y
FURTHER REVOLUTIONS?
N
MEASURE JITTER IN ADIP/ ATIP FRAMES
1009

FIG.4

First revolution Power	First revolution Jitter	Second revolution Power	Second revolution Jitter
P_0	$\sigma_{0.1}$	P_0	$\sigma_{0.2}$
P_1	$\sigma_{1.1}$	P_1	$\sigma_{1.2}$
P_2	$\sigma_{2.1}$	P_2	$\sigma_{2.2}$
P_3	$\sigma_{3.1}$	P_3	$\sigma_{3.2}$
P_4	$\sigma_{4.1}$	P_4	$\sigma_{4.2}$
P_5	$\sigma_{5.1}$	P_5	$\sigma_{5.2}$
P_6	$\sigma_{6.1}$	P_6	$\sigma_{6.2}$

FIG.5

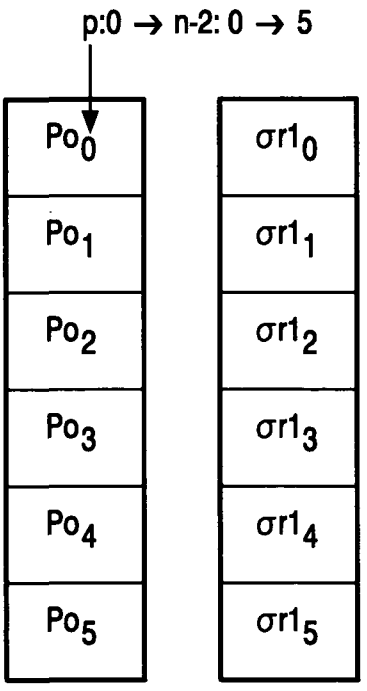

FIG.6

First revolution Power	First revolution Jitter	Second revolution Power	Second revolution Jitter
P_0	$\sigma_{0.1}$	P_0	$\sigma_{0.2}$
P_1	$\sigma_{1.1}$	P_1	$\sigma_{1.2}$
P_2	$\sigma_{2.1}$	P_2	$\sigma_{2.2}$
P_3	$\sigma_{3.1}$	P_3	$\sigma_{3.2}$
P_4	$\sigma_{4.1}$	P_4	$\sigma_{4.2}$
P_5	$\sigma_{5.1}$	P_5	$\sigma_{5.2}$
P_6	$\sigma_{6.1}$	P_6	$\sigma_{6.2}$

FIG.7

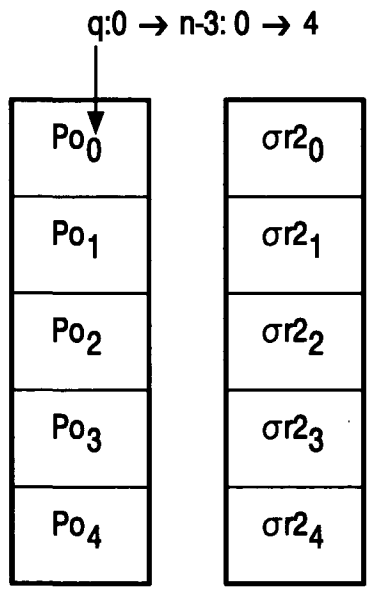

FIG.8

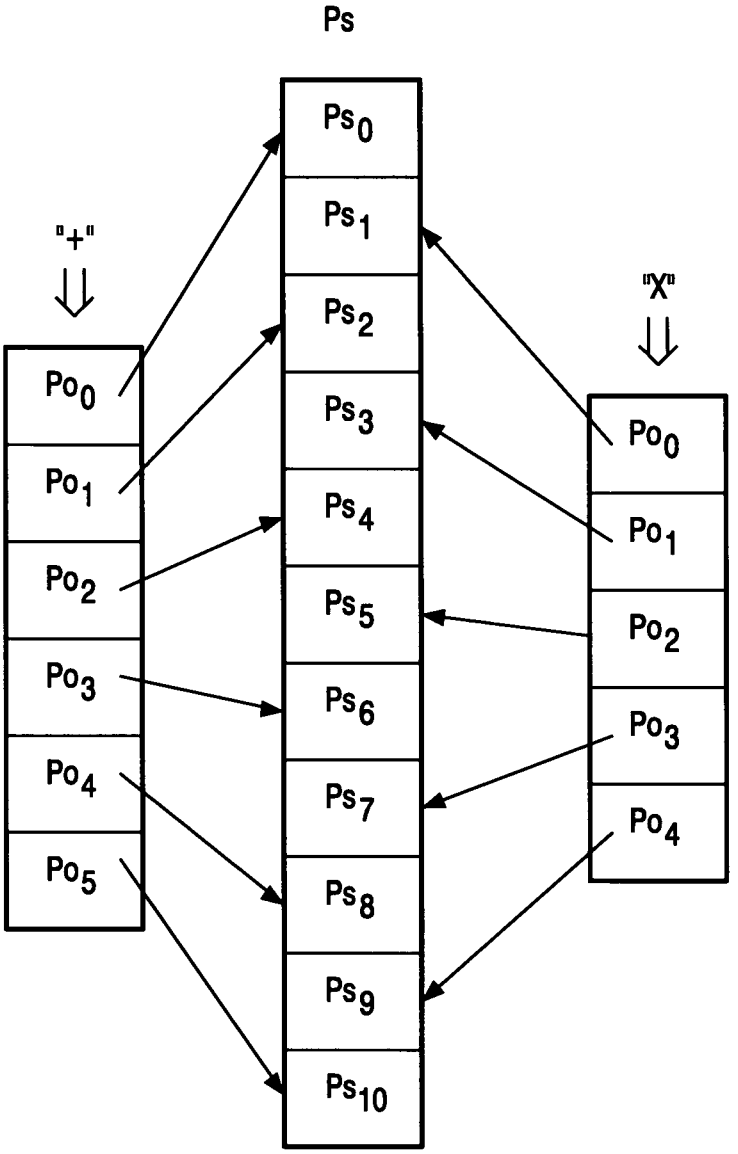
Ps
Ps0
Ps1
Ps2
Ps3
Ps4
Ps5
Ps6
Ps7
Ps8
Ps9
Ps10
"+"
Po0
Po1
Po2
Po3
Po4
Po5
"X"
Po0
Po1
Po2
Po3
Po4

FIG.9

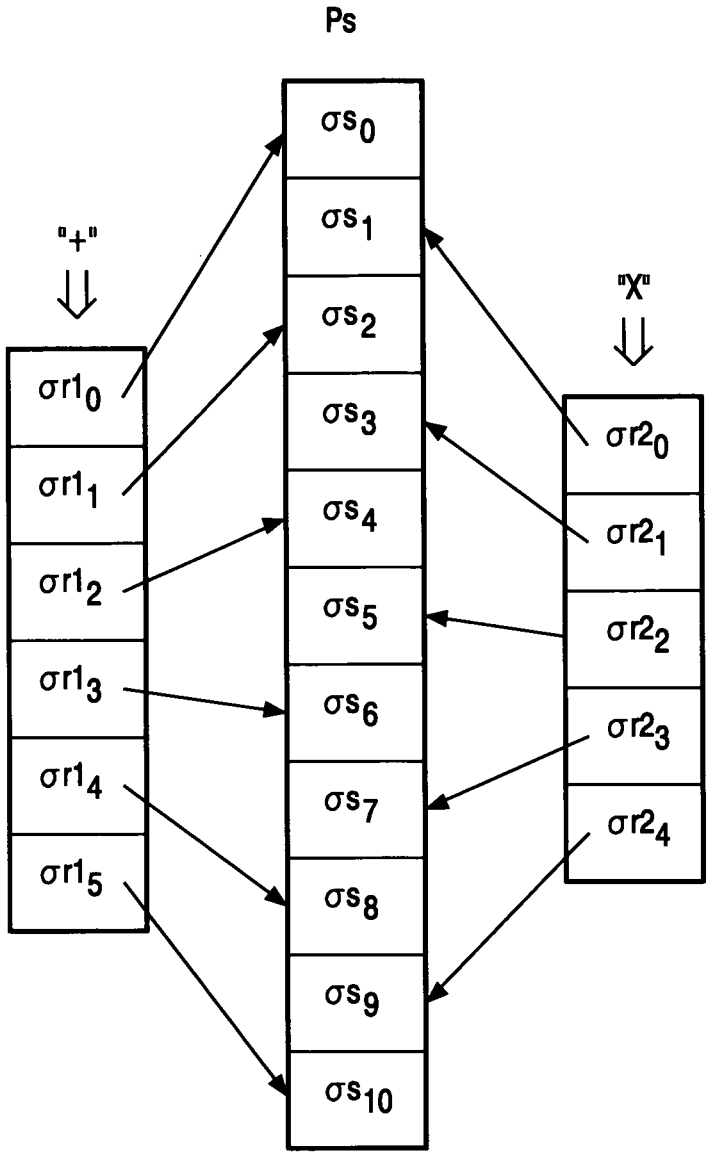
Ps
"+"
"X"
σs0
σs1
σs2
σs3
σs4
σs5
σs6
σs7
σs8
σs9
σs10
σr1 0
σr1 1
σr1 2
σr1 3
σr1 4
σr1 5
σr2 0
σr2 1
σr2 2
σr2 3
σr2 4

FIG.10

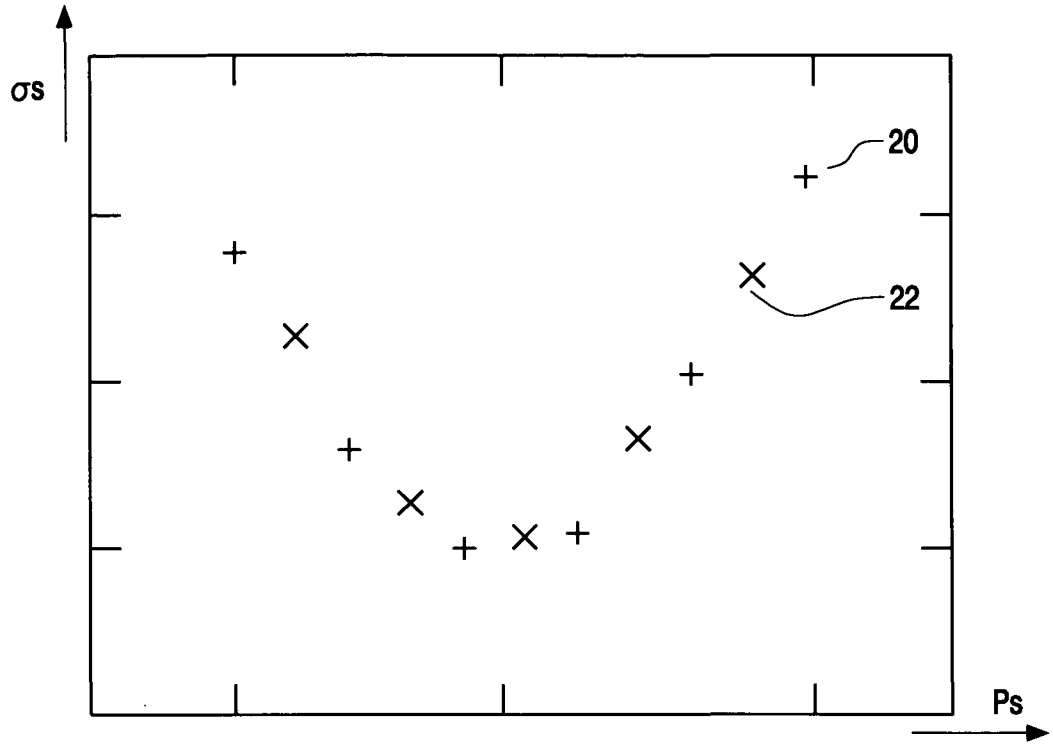

FIG.11

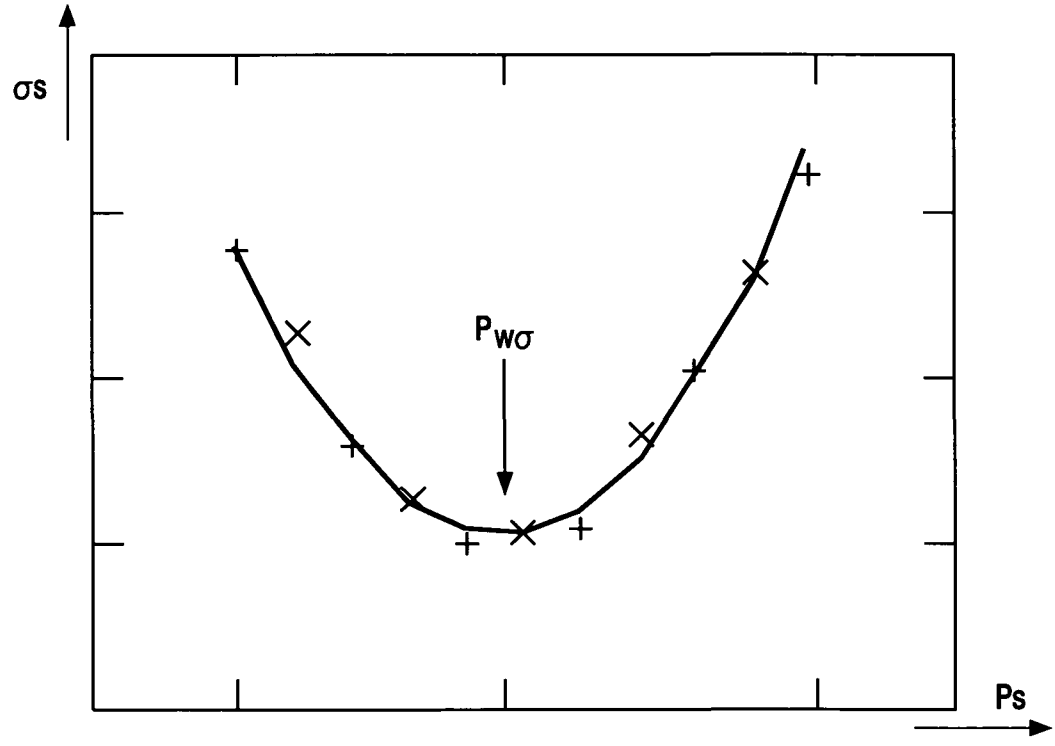

FIG.12