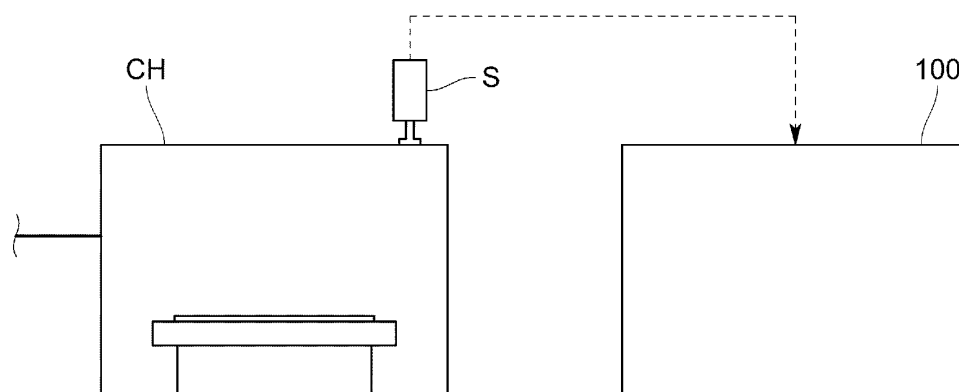
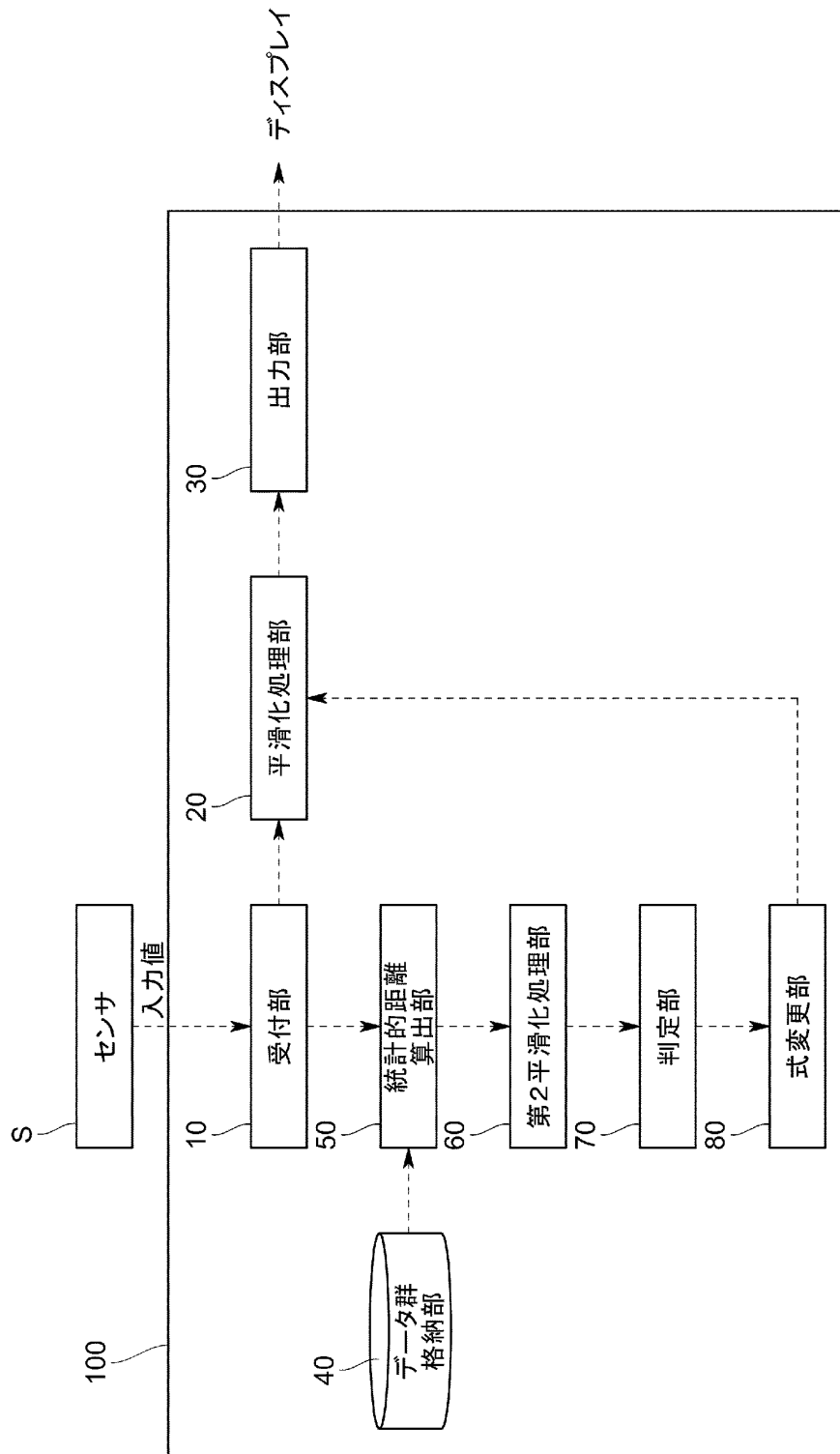


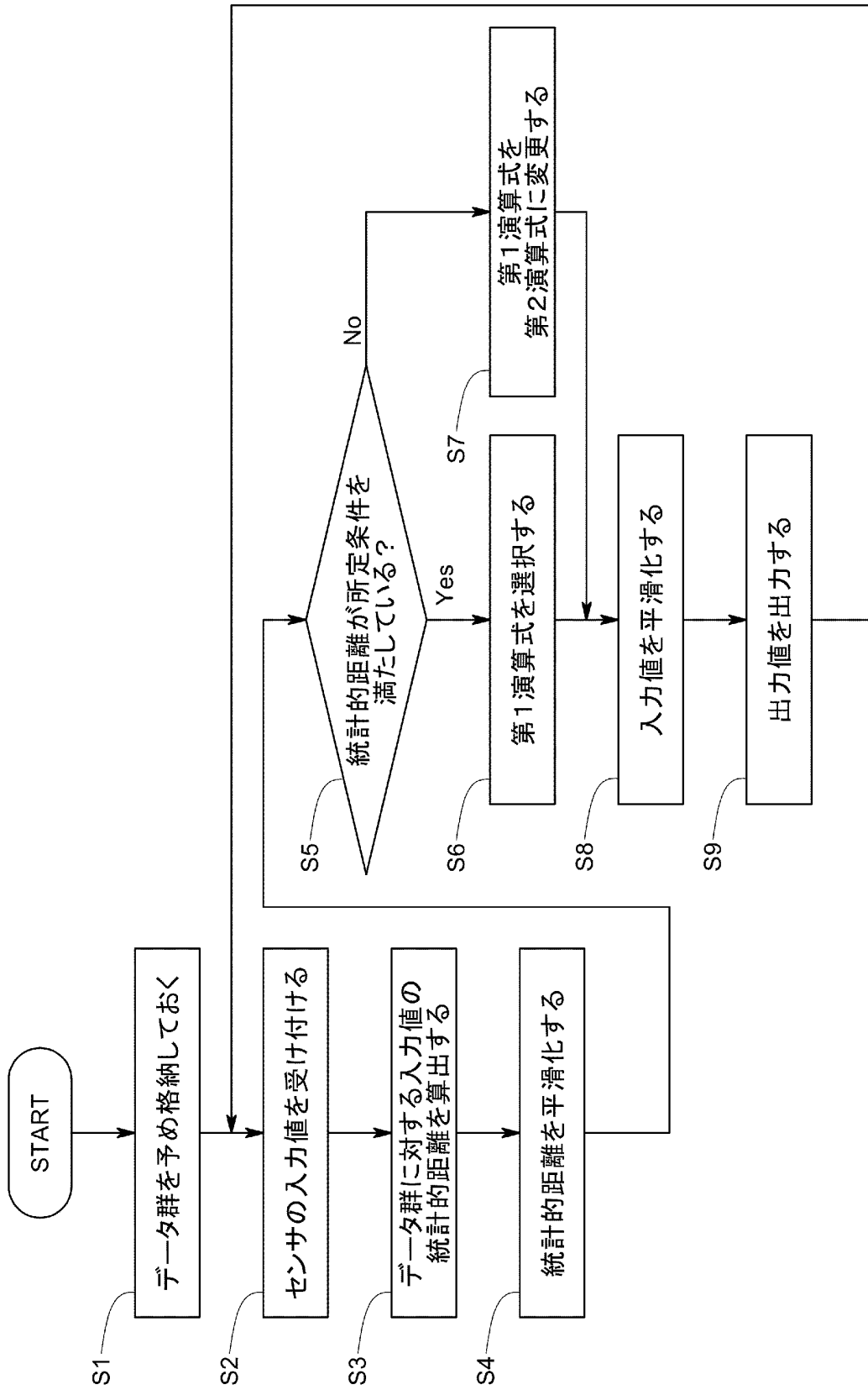
[図1]



[図2]



[図3]

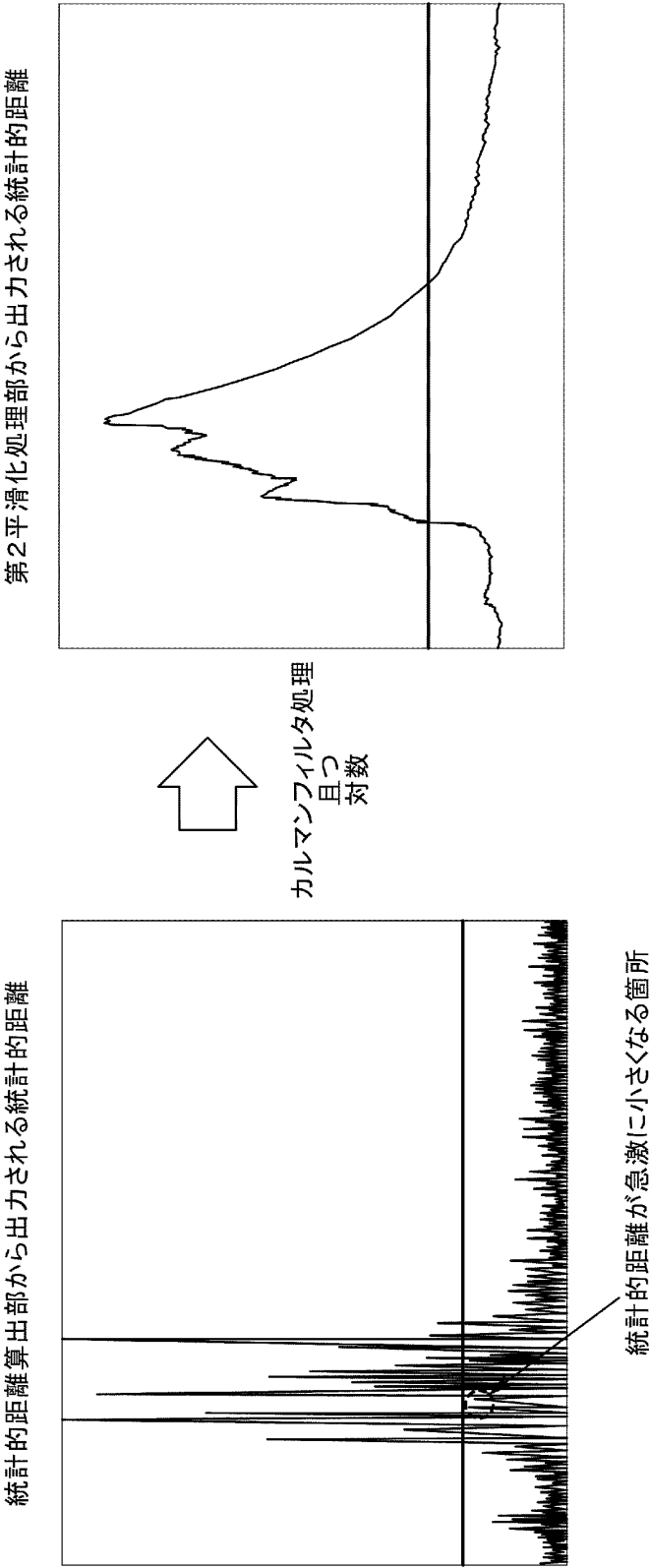


[図4]

$$D^2 = (\Delta - \mu) \cdot \Sigma \cdot (\Delta - \mu)'$$
$$\Delta = y - x$$

D: マハラノビス距離
x: 前回の出力値
y: 今回の入力値
 μ : 平均値
 Σ : 共分散行列
 Δ : 補正後の入力値
なお、「 $'$ 」は転置行列を示す

[図5]

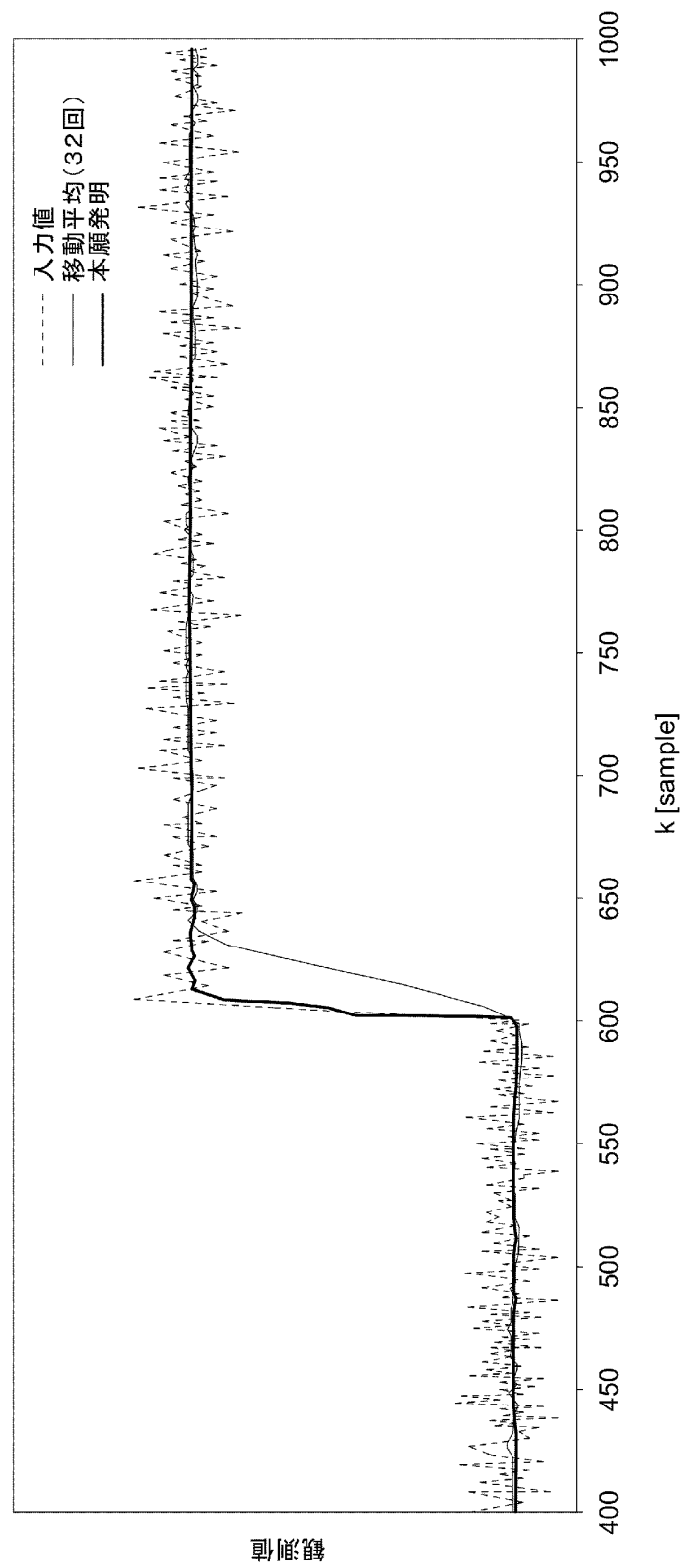


[図6]

Diagram illustrating the equation $x_m = Ax + Bu$ with annotations:

- 事前推定値 (Prior estimated value) points to x_m .
- 前回の出力値に対する重み付け係数 (Weighting coefficient for the previous output value) points to A .
- 前回の出力値 (Previous output value) points to x .
- 差分に対する重み付け係数 (Weighting coefficient for the difference) points to B .
- 今回の入力値と前回の出力値との差分 (Difference between the current input value and the previous output value) points to u .

[図7]



[図8]

