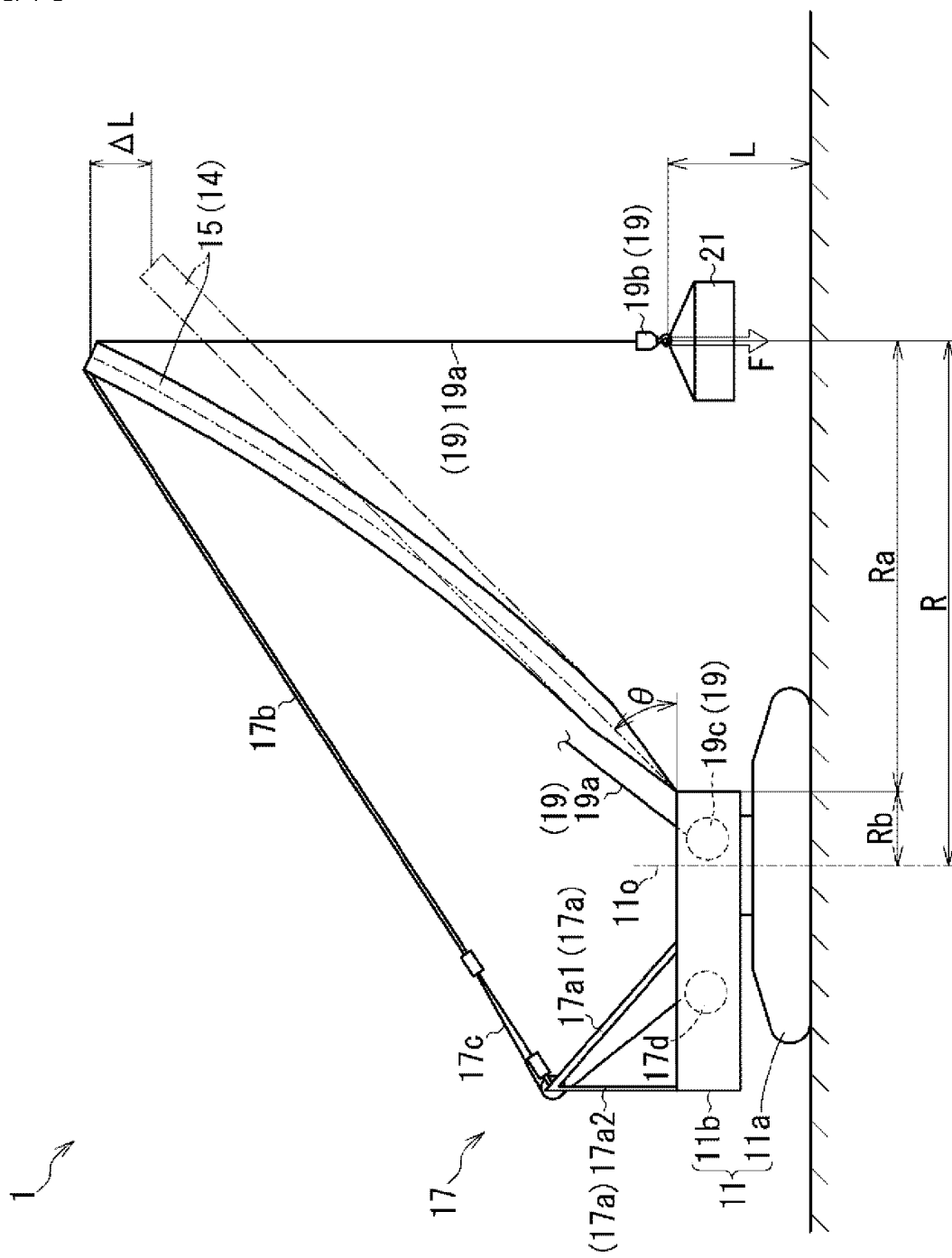
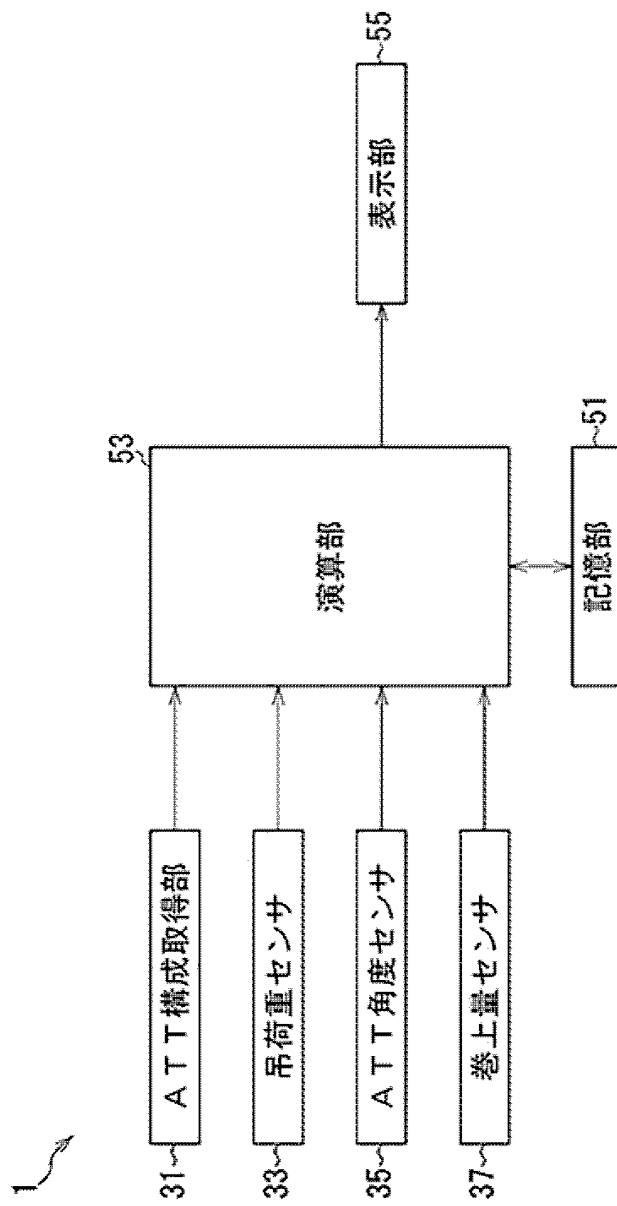


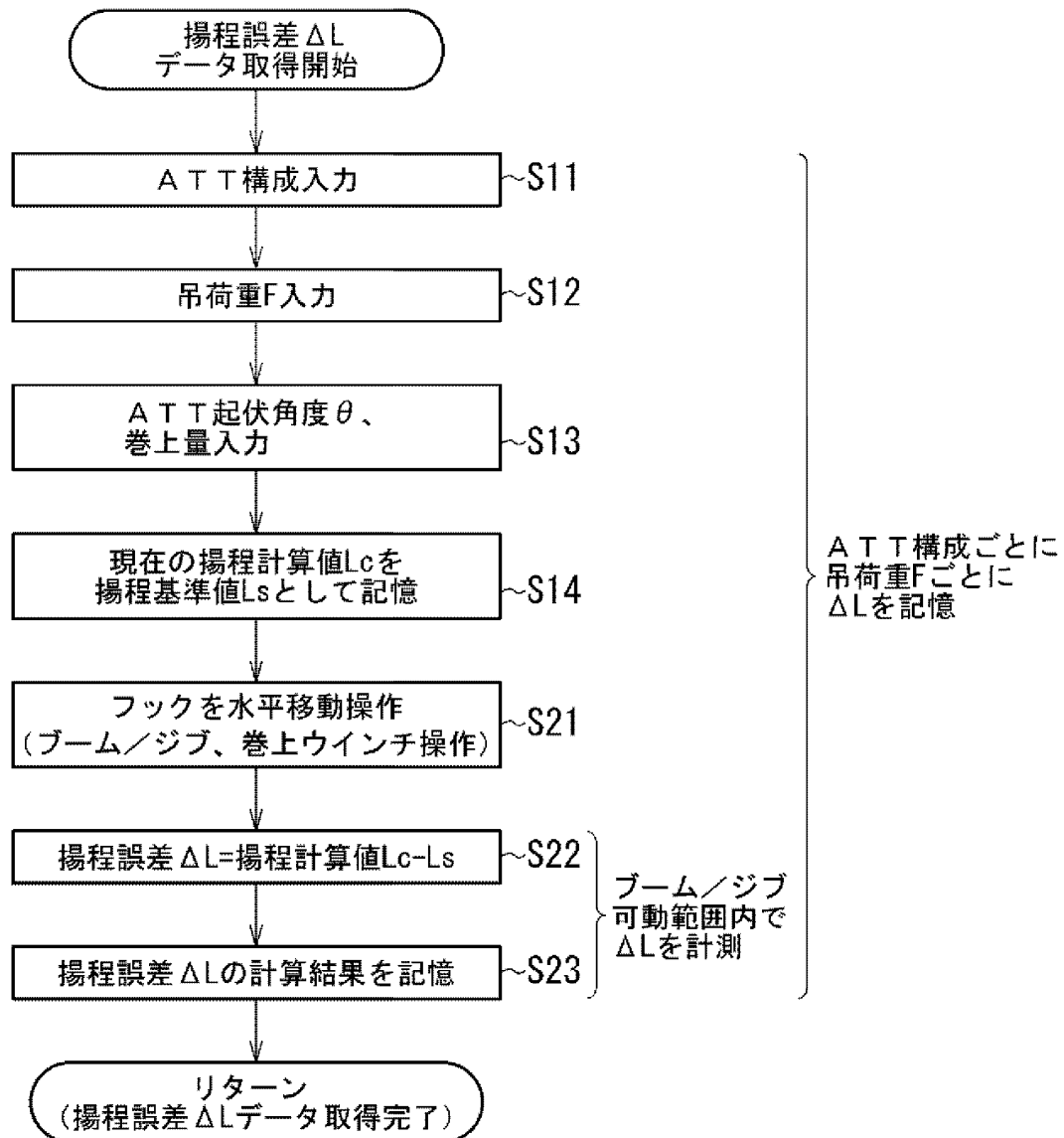
[図1]



[図2]



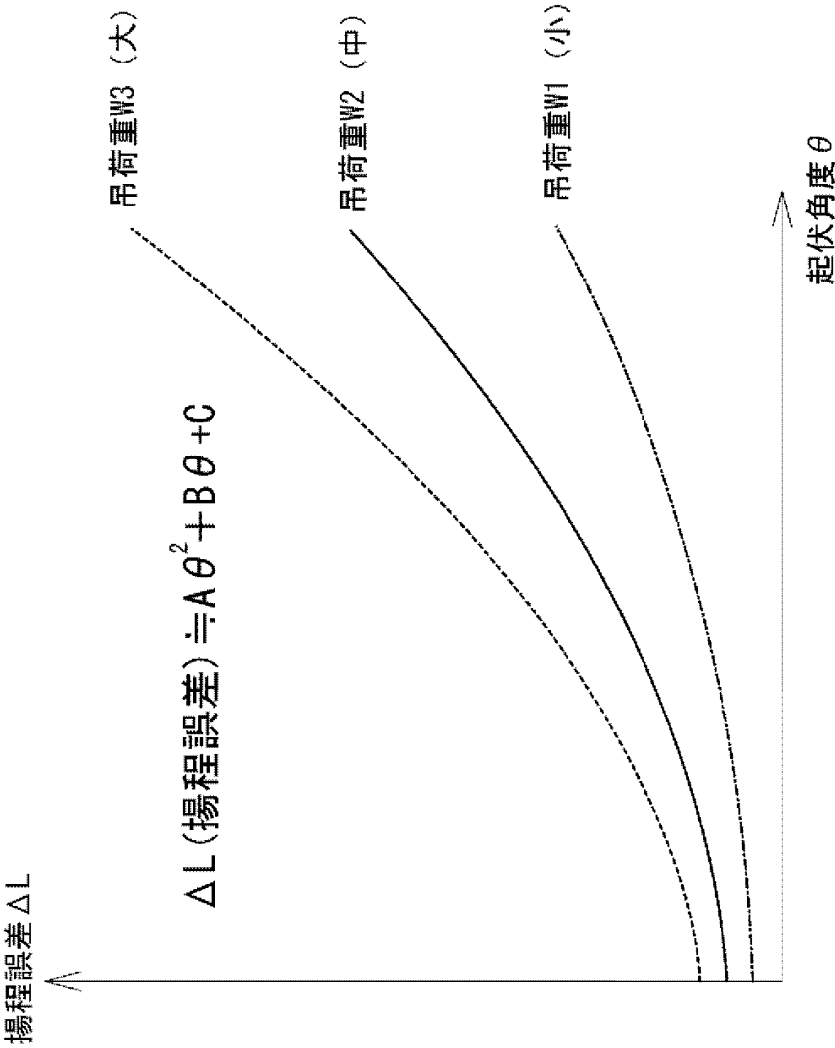
[図3]



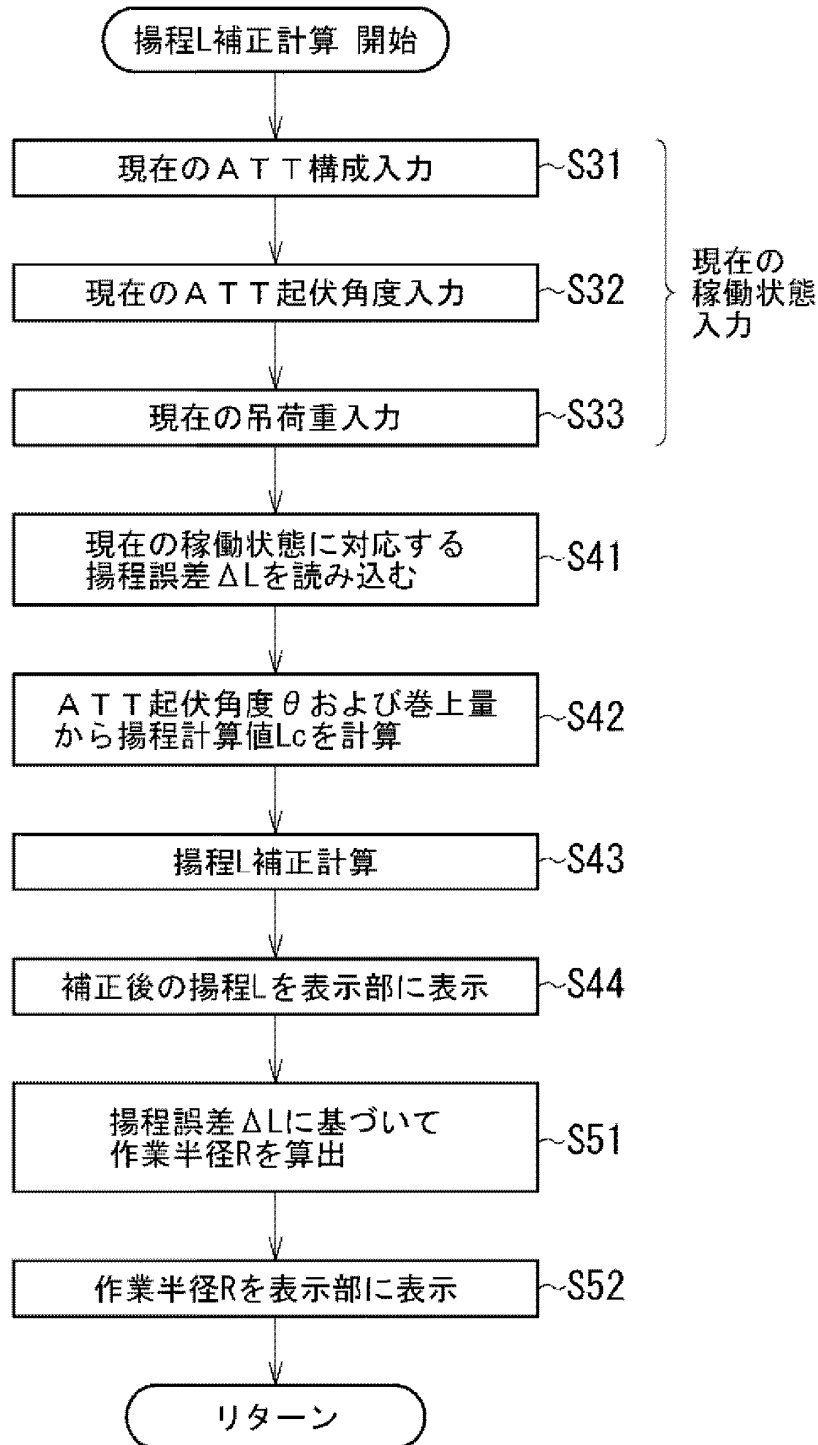
[図4]

A T T : 第 1 の 構 成		ブーム角度 θ			
揚程誤差 ΔL	吊荷重F	$\theta 1$	$\theta 2$	...	θn
	F1	A1_L1_F1	A1_L2_F1	...	A1_Ln_F1
	F2	A1_L1_F2	A1_L2_F2	...	A1_Ln_F2
	:	:	:	:	:
	Fn	A1_L1_Fn	A1_L2_Fn	...	A1_Ln_Fn
A T T : 第 2 の 構 成		ブーム角度 θ			
揚程誤差 ΔL	吊荷重F	$\theta 1$	$\theta 2$	...	θn
	F1	A2_L1_F1	A2_L2_F1	...	A2_Ln_F1
	F2	A2_L1_F2	A2_L2_F2	...	A2_Ln_F2
	:	:	:	:	:
	Fn	A2_L1_Fn	A2_L2_Fn	...	A2_Ln_Fn

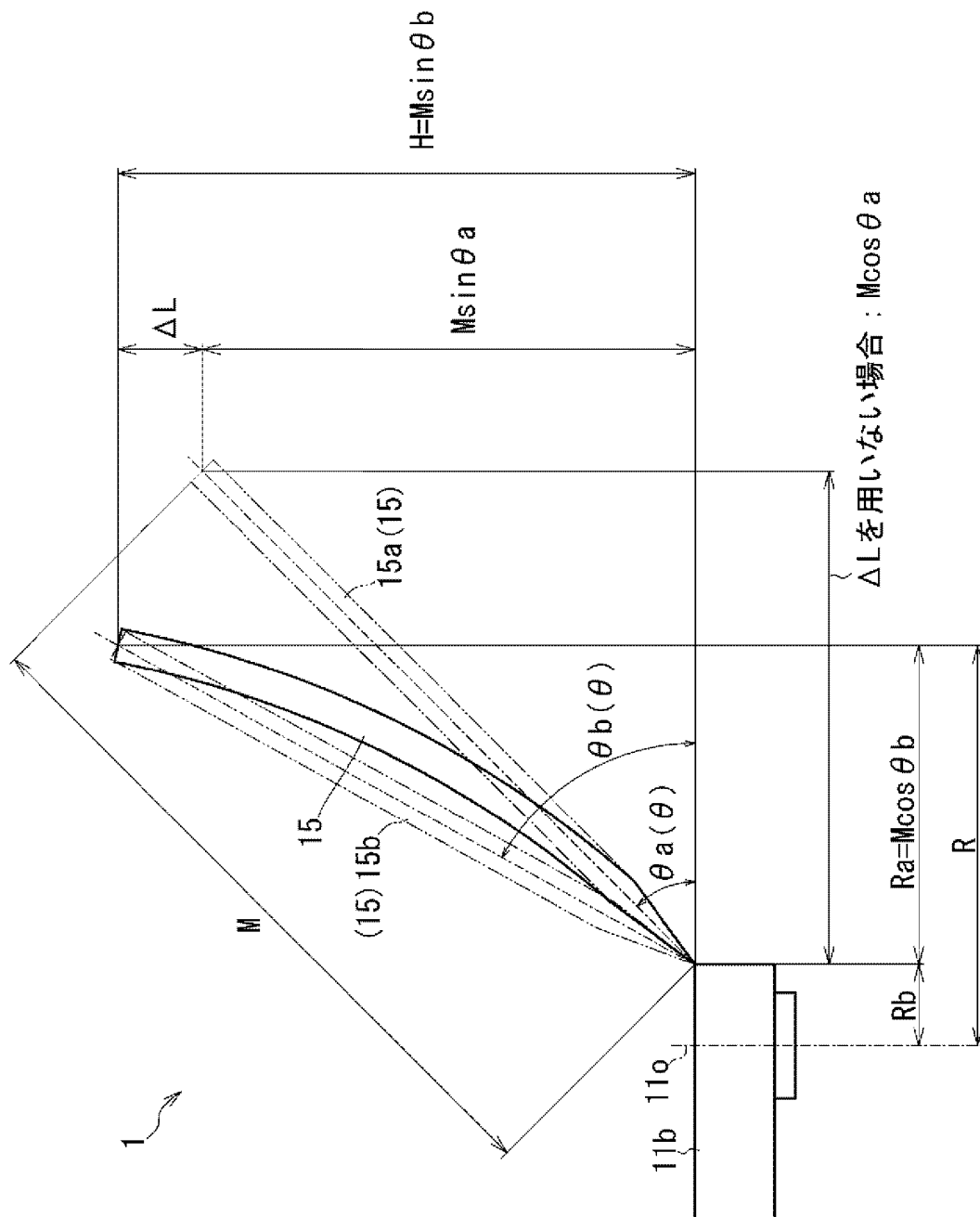
[図5]



[図6]



[図7]



[図8]

