

“sidewinder”



Analog Computer

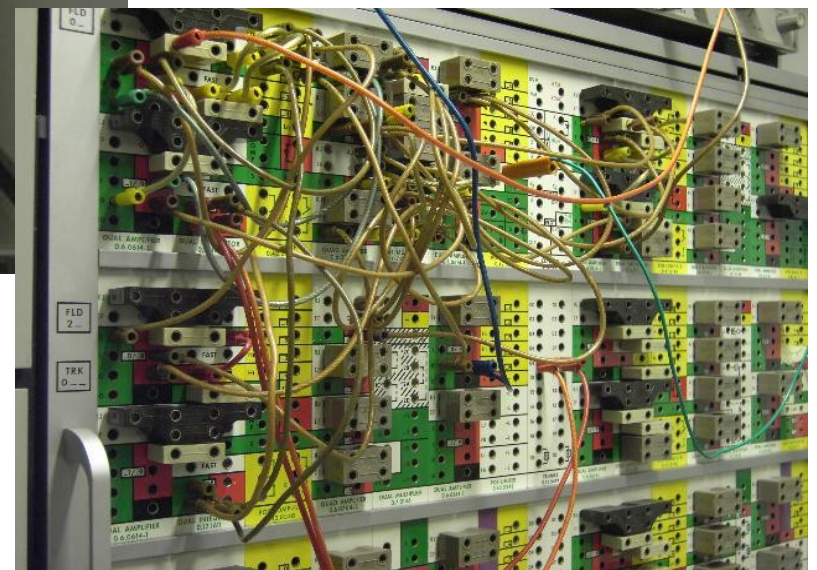


Figure 1 Representative 1130 CSMP functional elements

ELEMENT TYPE	LANGUAGE SYMBOL	DIAGRAMMATIC SYMBOL	DESCRIPTION
DEAD SPACE	D		
FUNCTION GENERATOR	F		
GAIN	G		$e_o = P_1 e_i$
INTEGRATOR	I		$e_o = P_1 + \int (e_1 + e_2 P_2 + e_3 P_3) dt$
LIMITER	L		
OFFSET	O		$e_o = e_i + P_1$
WEIGHTED SUMMER	W		$e_o = P_1 e_1 + P_2 e_2 + P_3 e_3$
MULTIPLIER	X		$e_o = e_1 e_2$
DIVIDER	/		$e_o = e_1 / e_2$
SPECIAL	1-5		SUBROUTINES SUPPLIED BY USER

n represents the block number