

Variazione di carico				
Critério	Controllore	Azione	A	B
IAE	P	P	0.902	-0.985
ISE	P	P	1.141	-0.917
ITAE	P	P	0.490	-1.084
IAE	PI	P	0.984	-0.986
		I	0.608	-0.707
ISE	PI	P	1.305	-0.959
		I	0.492	-0.739
ITAE	PI	P	0.859	-0.977
		I	0.674	-0.680
IAE	PID	P	1.435	-0.921
		I	0.878	-0.749
		D	0.482	+1.137
ISE	PID	P	1.495	-0.945
		I	1.101	-0.771
		D	0.560	+1.006
ITAE	PID	P	1.357	-0.947
		I	0.842	-0.738
		D	0.381	+0.995

$$Y = A \left(\frac{\vartheta}{\tau} \right)^B$$

$$Y = k \cdot K_P$$

$$Y = \frac{\tau}{T_I}$$

$$Y = \frac{T_D}{\tau}$$

Variazione di set point				
Critério	Controllore	Azione	A	B
IAE	PI	P	0.758	-0.861
		I*	1.020	-0.323
ITAE	PI	P	0.586	-0.916
		I*	1.030	-0.165
IAE	PID	P	1.086	-0.869
		I*	0.740	-0.130
		D	0.348	+0.914
ITAE	PID	P	0.965	-0.855
		I*	0.796	-0.147
		D	0.308	+0.929

$$Y = A \left(\frac{\vartheta}{\tau} \right)^B$$

Per I* utilizzare $Y = A + B \cdot \left(\frac{\vartheta}{\tau} \right)$

$$Y = k \cdot K_P$$

$$Y = \frac{\tau}{T_I}$$

$$Y = \frac{T_D}{\tau}$$