

## Tracking Performance of 'n' Integral-Plus-Time Constant Plants with 'one' Controller

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*Abstract:* In a unique and most easily comprehensible and applicable way, it will be shown how the outputs of  $n$  identical integral-plus-time constant plants:  $G(s) = \frac{K}{s(s+\lambda)}$ , with different output initial conditions, can be brought to track a reference, or command, input  $r(t)$  through commissioning of only one controller  $H(s)$ . A three-part example, used in computer simulation, shall, most vividly, support the theoretical results.

*Keywords:*

*AMS Subject Classification:*