$$V_{\lambda}(s) = \frac{1}{SC} I(s) + R \cdot I(s) = I(s) \left(\frac{1}{SC} + R\right) = I(s) \left(\frac{1+SCR}{SC}\right) \cdot c$$

Sus to to gendo (S) en (3)

$$V_{\lambda}(\omega) = \frac{V_{0}(S)}{S} \left(\frac{1 + SCR}{SCR} \right) \Rightarrow V_{\lambda}(\omega) = V_{0}(S) \left(\frac{1 + SCR}{SCR} \right)$$

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a)
$$K = \lim_{S \to \infty} 6(\omega) \approx 0$$

$$K = \lim_{S \to \infty} 6(\omega) \approx 1$$

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