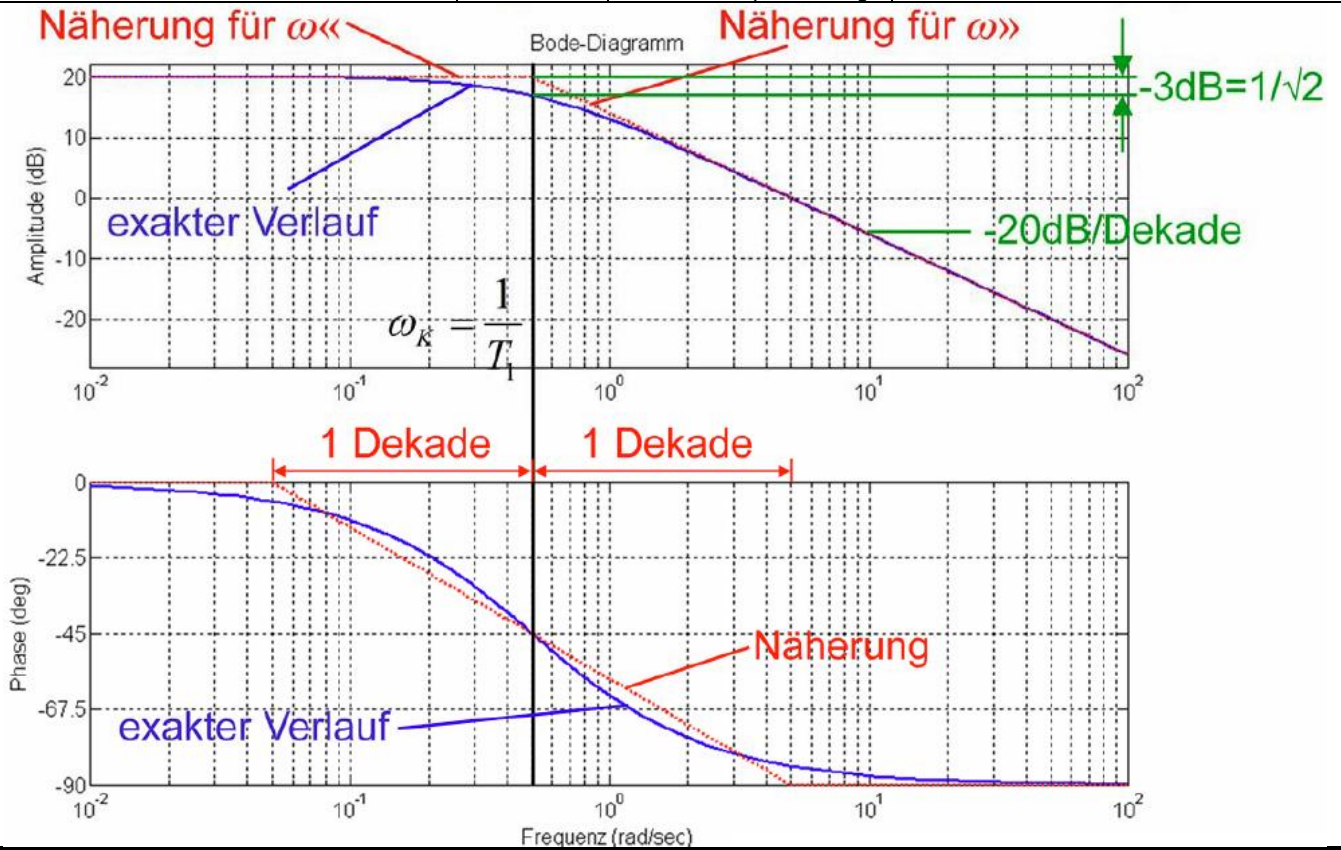


REGELN - BEISPIELE

$G(j\omega) = \frac{K}{1 + sT_1}$	$K = 10$ $T_1 = 2s$	$ G(j\omega) = \frac{K}{\sqrt{1 + \omega^2 T_1^2}}$	$\arg G(j\omega) = -\arctan(\omega T_1)$
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$G(j\omega) = \frac{1 + j\omega T_1}{1 + j\omega T_2} = 1 + j\omega T_1 * \frac{1}{1 + j\omega T_2}$	$T_1 = 1s$ $T_2 = 0.2s$	$ G(j\omega) = \sqrt{\frac{1 + \omega^2 T_1^2}{1 + \omega^2 T_2^2}}$	$\arg G(j\omega) = \arctan(\omega T_1) - \arctan(\omega T_2)$
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