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Sami Fadali earned a BS in Electrical Engineering

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of Electrical Engineering at the University of King

Abdul Aziz in Jeddah , Saudi Arabia 1981-1983.

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$K z + 0.9 K = 0$. On the unit circle, $|z|^2 = 1 =$

$0.9 K + 0.16$ and we obtain $K_{cr} = 0.933$ Root

Locus Real Axis Imaginary Axis-2.5 -2 -1.5 -1

-0.5 0 0.5 1 0 0.5 1 1.5 System: g Gain: 0.934

Pole: 0.0281 + 0.995i Damping: 0.00329

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