

TOOL: Bode angle plot rules for parts of a transfer function, $H(s)$, are shown below.

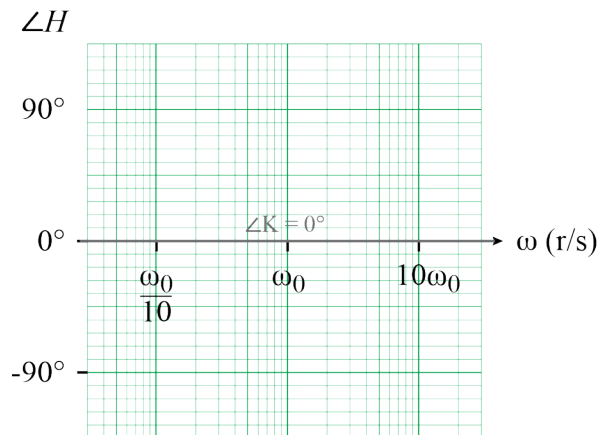


Fig. 1. Phase shift for constant multiplier is zero.

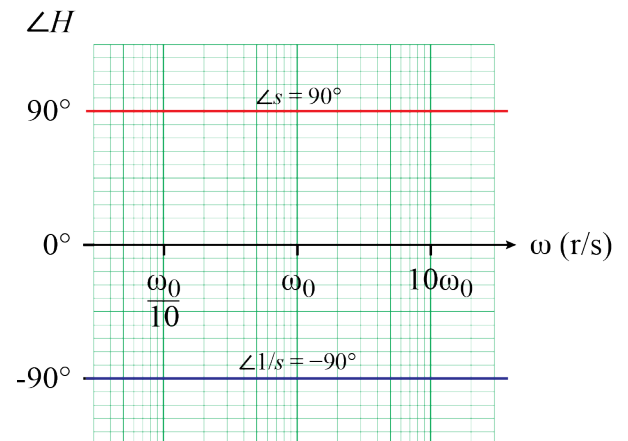


Fig. 2. Phase shift for s or $1/s$.

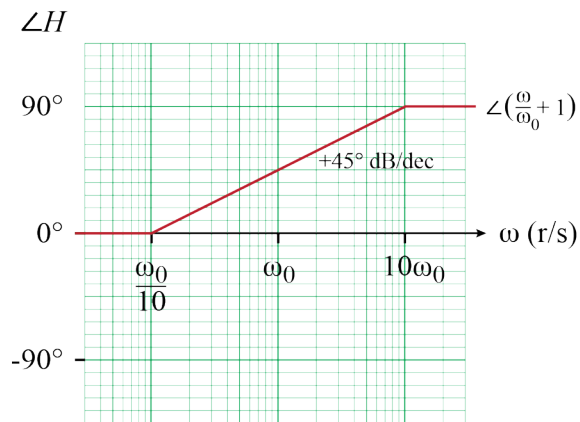


Fig. 3. Phase shift for real zero.

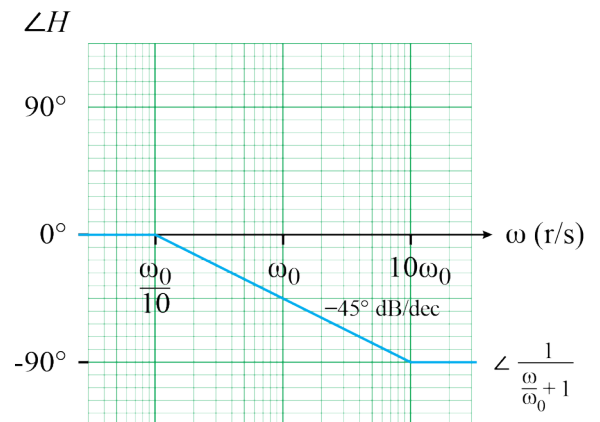


Fig. 4. Phase shift for real pole.