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Avoid systematic offset by choosing:
$\frac{(W/L)_7}{(W/L)_4} = 2\frac{(W/L)_6}{(W/L)_5}$
Found by noting
$I_{D5} = 2I_{D3} = 2I_{D4}$ and
$V_{GS7} = V_{DS3} = V_{GS4}$
then setting $I_{D7} = I_{D6}$
SM EECE488 Set 7 - Opamp Design 34

















































