差動放大器的頻率響應

Differential-mode half circuit

Common-mode half circuit

$R, C$ output resistance and capacitance of the current source
Differential-mode half circuit

\[
\Omega_p = \frac{1}{\left[ r_{\pi} \parallel (R_s / 2) \right] \left[ C_{\mu} (1 + g_m R_C) + C_{\pi} \right]}
\]
Single-end in and single-end out---a wideband CC/CB (CD/CG) amplifier