C_m

$C_{mi} = (1+|A|)C_m$

$V_x = 0$

$C_{mo} = (1+1/|A|)C_m$

V_1

V_2

-A

$\equiv$

V_1

-A

V_2

$Z_{in} = \dfrac{1}{s\left(1+A\right) \cdot C_m}$