Complete Electrical-Port Equiv. Circuit

Static electrode-to-mass overlap capacitance

\[ l_x = m \]
\[ c_x = \frac{1}{k} \]
\[ r_x = b \]

\[ \eta_{e1} = V_P \frac{\partial C_1}{\partial x} = V_P \frac{C_{o1}}{d_1} \]
\[ \eta_{e2} = V_P \frac{\partial C_2}{\partial x} = V_P \frac{C_{o2}}{d_2} \]