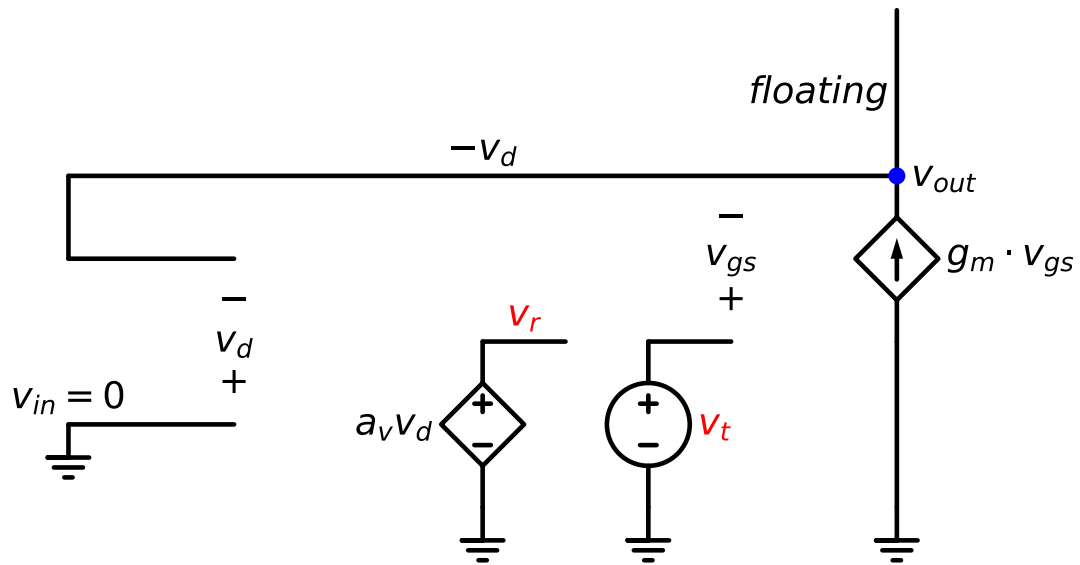**Table of contents**



Figure 1: Finding T(with output port open), $v_{out} = -v_d = -v_{gs} + v_t$