



EECS 42 – Introduction to Electronics for Computer Science

Fall 2001,
Dept. EECS,
UC Berkeley
Course Web Site <http://www-inst.EECS.Berkeley.EDU/~ee42/>

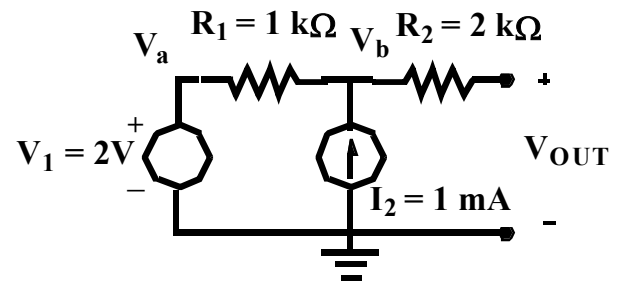
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Tentative OH M, Tu, W, (Th), F 11

Quiz #1 September 26, 2001

Show your work so that the method can be graded for correctness and completeness and all of the points do not depend on just the final numerical value.

I (20 Points) Basic Circuit Analysis

a) For the circuit shown find V_b .



b) Find the Thevenin resistance seen looking into the output terminals.

II (20 Points) Transient Analysis

The switch in the circuit to the right is opened at $t = 0$. Find an equation that describes $V_C(t)$.

