

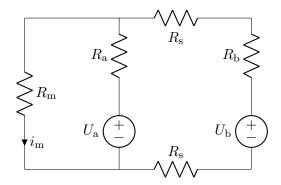
Use s-experposition to find U.

Try two startes! (1) U, eU2 active, I, ell reroed
(2) I, elly active, U, eV2 reroed

On the way you will have a chapee to projectise a nodal equation (KOL) in State (), and current division it state ()

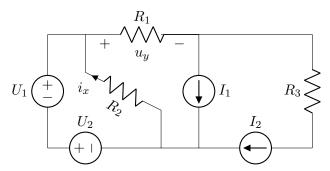
2. Two voltage sources

Now have a go doing it by making simplifications (combining resistors, redrawing) and then using superposition.



3. A practice where superposition probably doesn't make it any easier!

Find the marked i_x and u_y , using superposition. Two 'groups' of sources are suggested: U_1 and U_2 active, then I_1 and I_2 active. Notice that this could actually be solved rather easily by basic simplification methods, without needing superposition: you can do that as a check. It's a practice at using superposition.



4. A dependent source

Find i_x by superposition.

For simplicity of equations, let's define R, and let $R_1 = R_2 = R_3 = R_4 = R$.

