









Thevenin + Noston (6) Circuits Note that the "open circuit voltage for this system is Voc = I, P2 = 21 }= YT we could have also found the Norton (or Thevenia) resistance as: $R = \frac{v_{oc}}{s_{c}} = \frac{v_{h}}{l_{h}} = \frac{2v}{l_{h}} = 4x = 4x = 4x = 4x$ So we can calculate the two needed peremeters in Various Ways. Also note the correspondence to the Thirerin model perameters Rn = Rn = 2,+22 = 42 Ym = I, P, = I, P2 = ZV These also match the The veris madel parameters we calculated directly for this circuit. We can use Thérenin and Norton models to capture the behavior of all Kinds of practical devices and systems. See deno of modeling a battery with Thérenin equivalent Whether we use a Thirein or Norton model (or Switch between them) is a matter of choice + convenience



