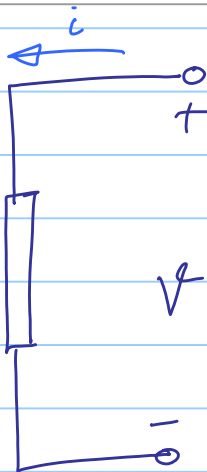


# Sign Convention for Power

Note Title

3/1/2010



$$P = +vi$$



$$P = -vi$$

Passive sign convention is satisfied when the current enters through the positive terminal of an element and  $p = +vi$ . If the current enters through the negative terminal,  $p = -vi$ .

As excerpted from:

C.K. Alexander, M. Sadiku, "Fundamentals of Electronic Circuits." McGraw Hill Publishing. San Francisco, 2004. pp. 10-11