

...when Einstein introduced his formula

$$e = m \cdot c^2 , \tag{1}$$

which is at the same time the most widely known and the least well understood physical formula. ...from which follows Kirchhoff's current law:

$$\sum_{k=1}^n I_k = 0 . \tag{2}$$

Kirchhoff's voltage law can be derived ..... which has several advantages.

$$I_D = I_F - I_R \tag{3}$$

is the core of a very different transistor model. ...