

...when Einstein introduced his formula

$$e = m \cdot c^2 , \quad (1)$$

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

$$\sum_{k=1}^n I_k = 0 . \quad (2)$$

Kirchhoff's voltage law can be derived ...

... which has several advantages.

$$I_D = I_F - I_R \quad (3)$$

is the core of a very different transistor model.

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