FOTOCORRENTE

$$\mathbf{J}(\mathbf{r},t) = rac{e\hbar}{2im^*(\mathbf{r})} \left[\Psi(\mathbf{r},t) ec{m{
abla}} \Psi^*(\mathbf{r},t) - \Psi^*(\mathbf{r},t) ec{m{
abla}} \Psi(\mathbf{r},t)
ight]$$

$$I = rac{1}{T} \int_0^T \, dt \, \left[J(z_2,t) - J(z_1,t)
ight]$$