$\partial A({f r},t)$ 

 $-rac{1}{m}\left[
abla A(\mathbf{r},t)
ight]\cdot\left[
abla S(\mathbf{r},t)
ight]$ 

 $-\frac{1}{2m}A(\mathbf{r},t)\nabla^2 S(\mathbf{r},t) ,$