

$$\varepsilon^{\alpha\beta}\left\langle c_a^\dagger(\mathbf{r}_1)c_\beta^\dagger(\mathbf{r}_2)\right\rangle = \left[P(\mathbf{r}_1-\mathbf{r}_2)\right]\times\Psi_{SC}\left(\frac{\mathbf{r}_1+\mathbf{r}_2}{2}\right)$$