Exchange symmetry, spin pairs and Pauli exclusion

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
singlet /ˈsɪŋglɪt/	A **singlet** has total spin zero.
triplet /ˈtrɪplɪt/	A **triplet** has total spin one.
identical particles	Swapping two **identical particles** leaves physics unchanged.
exchange symmetry	**Exchange symmetry** fixes whether a state is symmetric or antisymmetric.
Pauli exclusion principle	The **Pauli exclusion principle** keeps two electrons out of the same state.
antisymmetric /ˌæntɪsɪˈmetrɪk/	The total two-electron state must be **antisymmetric** under exchange.