Atomic field shifts and spectral differences

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
Zeeman effect /ˈziːmən ɪˈfekt/	The **Zeeman effect** separates atomic levels in a magnetic field.
Paschen–Back effect	In a strong field, the **Paschen–Back effect** replaces the Zeeman pattern.
Landé g-factor	The **Landé g-factor** sets the size of the Zeeman splitting.
Stark effect /stɑːk ɪˈfekt/	The **Stark effect** shifts lines in an electric field.
spin–orbit coupling	**Spin–orbit coupling** causes fine structure.
Bohr magneton	The **Bohr magneton** is the natural unit of an electron's magnetic moment.

exercises.lol exercises.com.cn