

Fermi level, E_F

The chemical potential of electrons in a solid (metals, semiconductors or insulators) or in an electrolyte solution.

See: bandgap energy, conduction band, valence band

Source:

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2242

See also:

PAC, 1986, 58, 437 (*Interphases in systems of conducting phases (Recommendations 1985)*) on page 440