term symbols
Symbols characterizing the states of atoms and molecules in terms of multiplicity, symmetry of the total electronic wavefunction, and sometimes total (orbital + spin) angular momentum. Examples: \( ^2P_{1/2} \) denotes an atomic state of multiplicity 2 (doublet), electron orbital angular momentum quantum number \( L = 1 \), and orbital plus spin angular momentum quantum number \( J = \frac{1}{2} \).

Source:
Green Book, 2nd ed., p. 28