

**internal valence force field (IVFF)**

A force field expressed in terms of bond-stretching, angle-bending, torsional and other displacements directly connected to the structural parameters of the molecule:

$$V = \frac{1}{2} \sum k_{ij} \text{ (or } K_{ij}) R_i R_j$$

where  $k$  (or  $K$ ) are the *force constants* and  $R$  the internal valence coordinates.

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