

Revisiting Julg's Structural Approach to Aromaticity

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Julg's classical formula for aromaticity is updated so as to involve bond indices. A simple CNDO/2 calculation is shown to account satisfactorily for heterocyclic typical rings and other miscellaneous systems. Results are compared with a multicenter MO bond index recently introduced as an aromaticity measure.

Key words: Aromaticity; Julg's Formula; Multicenter MO Bond Index.