

GANB-matrix and Mathematical-chemical Investigation of AB_n Type Molecules

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For mathematical-chemical investigation of AB_n type molecules ANB-matrix was modernized in GANB-matrix (group matrix). GANB-matrix has the second range and on its basis topologic index- $\ell g(\Delta_{GANB})$ was constructed. On the basis of this topologic index some chemical systems were studied and the correlation equations were derived. In all cases the correlations are satisfactory.