



Иван Гутман
(Библиотека САНУ)

??????, ????, ??????, ?????????????? ???????

(??????, 2. IX 1947). ?????????? 1970. ?? ?????????? ?????? ?????????-????????????? ?????????? ? ?????????, ??? ?? ?????? ?????? ??? ?????????? ??????????. ??? ?? ?????? ?????? ?? ?????????? ?????? ?????????? „????? ?????????“ ? ???????? (1971–1977), ? ?????????? ?????????? ?????? ?????? 1973. ?? ??? ? ??????. ??? ?????? ?????????? ?? ?? ?????????? ?? ?????????? ?????? ?? ??? ? ??????????????. ?? 1975. ?? ? ?????? ?????????????? ?????????? ? ??????????. ?????????? ?? ?????????????????? ?????? ?????? 1981. ?? ?????????????????????? ?????????? ? ??????????. ?? ?????????? ?????????? ?? ??? ? ?????????????? ?????????? ?? 1984. ?????? ?????????? ?????????? ?? ??????????: ?????????? ?????????????????, ?????????? ??????, ?????????????????? ? ?????????? ?????????? ? ??????, ?????????? ? ?????? ? ?????????? ??????. ??? ?? ? ?????? ?????????? ?????????????? ?????????? ?????????? (1981). ?? ?????????? ?????????? ?????????? ?? 2012.

?? ?????????????????? ?????????? ?????????? ?? ?????????????? ?? ?????? ??????????, ??? ?????? ? ?????????? „????????????? ??? ??????“ ? ??????????????. ?? ?????????????? ?????????? ? ?????????, ?? ?????????????????? ? ????????? (1977), ?????????? (1996, 2001), ?????????? ? ?????????? (2000), ?????????? (2003) ? ?? ?????? ?????-?????????, ?????????/??? (1980, 1985), ? ??? ?? ?????????????? ?????????????? (??????, 1989–1990), ? ?????????????? (????????, 1988), ? ?????? (1989), ? ?????????????? (1995).

?. ?? ?????? ??? ?????????? ??? ?????????? ?????????? ?? ?????? ??????????????????: ? ?????????? (????????, 1982), ?? ?????????????????? ?????? ?????????? (???, 1983), ? ?????????? (????????, 1992/93), ? ?????????? (????????, 1994/96), ? ?????????? (????????, 1998), ? ?????? (????????, 1999), ? ?????? (????????, 2000), ? ?????????? (????????, 2001. ? 2002), ?? ?????? (2004), ? ?????????? (???? 2005. ? 2007), ? ?????????? ?????? (????????, 2006), ? ?????????????? (????, 2009), ? ?????? (????????? ??????, 2012/13). ?? ?????????? ?????? ??? ?????? 1988, ? ?? ?????????? 1997. ?????? ?????, ?????????? ?? ?? ?????? ?????????????? ?????????? ?????????????? ?????? (2005), ?????????? ?????????????? ?????? ? ?????? (2006) ? ?????????? ?????????? ? ????????? (2012). ??? ?? ?????????? ?????????? ??????????. ?????? ?? ?????????? ?????????? MATCH Communications in Mathematical and in Computer Chemistry ? Kragujevac Journal of Science. ?????????? ?? ?????????? ?????????? ??? ??? ?????????????? ??????????: Journal of the Serbian Chemical Society, ?????????? ?????????, Communications in Mathematical Chemistry, Polycyclic Aromatic Compounds, International Journal of Pure and Applied Mathematical Sciences ? Phlogiston. ?????? ?????????????? ?. ?????????? ?? ?? ?????????? ?????????? ?????????? ??????, ?????????? ?????? ? ?????????????? ?????? (????????? ?????????? ? ?????????? ?????????????). ? ?????????????? ?? ??? ?????? ?????????? ??????. ? ?????? ?? ?????? ?? ?????? ?????????? ? ?????????? ?????????? ?????????? ? ?????????????? ??????????????: ? ?. Graovac, N. Trinajstić, *Topological approach to the chemistry of conjugated molecules*, Berlin 1977; ? S. J. Cyvin, *Introduction to the theory of benzenoid hydrocarbons*, Berlin 1989; ? S. J. Cyvin, *Advances in the theory of benzenoid hydrocarbons*, Berlin 1990; ? S. Klavžar, B. Mohar, „Discrete applied mathematics“, 50th Anniversary of the Wiener Index, 1997, 80; ? M. V. Diudea, L. Jäntschi, *Molecular topology*, Huntington 2001; ? X. Li, Y. Shi, *Graph energy*, New York 2012. ?????????? ?? ? ?????? ?. ?? ?????? ?????????? ?????????????? ?????????, ?

???? ?????? ? ?????????? ?????? ? ????????? ?????????? ??????? ??? ? ?????? ?????????? ?
????????????? ??????? ??? ?????? ? ? ????????????? ??????? ? ?????????? ?? ??????. ????????? ??
?????? ??????? ?????????? ??????? ?? ????????????? ? ?????? ? ?????? (1987), ?? ???????a ??????????
????? ?????? ?????? (????? ??????, ????, 1997).

????: ???????, „Graph theory and molecular orbitals: Application of Sachs theorem", *Theoretica. Chimica Acta*,
1972, 26, 1, 67; ? M. Milun, N. Trinajsti?, „Topological Definition of Resonance Energy", *MATCH –
Communications in Mathematical and Computer Chemistry*, 1975, 1, 171; ? B. Zhour, „Laplacian energy of a
graph", *Journal of the American Chemical Society*, 2006, 414, 29; ???????, „Why plerograms are not used in
chemical graph theory? The case of terminal-Wiener index", *Chemical Physics Letters*, 2013, 195.

?????: ?????? ???; ?????? ?????????-????????????? ?????????? ?????????????? ? ???????????.

????? ?. ??????

*????? ?? ????????? ? 1. ????? III ????? ?????? ?????????????? (2018)

???????? #3

???????? 19 januar 2024 09:12:10 o? Admin

???????? 9 jun 2025 08:46:48 ?? ?????????? ???????