

Book Chapters (Poglavlja u knjizi)

2006

- 1) D. Vukičević, On the Degeneracy of Hosoya's indeks *in* I. Gutman (Ed.), *Mathematical Methods in Chemistry*, Muzej u Prijepolju, Prijepolje, 2006, pp. 159-168.

2008

- 2) D. Vukičević, Upper Bound of Randić Index in Terms of Numbers of Vertices of Degree 1 and 2 *in* I. Gutman and B. Furtula (Eds.), *Recent Results in the Theory of Randić indeks*, MCM, Kragujevac, 2008, pp. 83-90.

2009

- 3) D. Vukičević and A. Graovac, Comparison of Zagreb M1 and M2 Indices: Overview of the Results *in* A. Graovac, I. Gutman and D. Vukičević (Eds.), *Mathematical Methods and Modelling for Students of Chemistry and Biology*, Hum naklada d.o.o, Zagreb, 2009, pp. 133-141.
- 4) D. Vukičević, Applications of Perfect Matchings in Chemistry, *in* M. Dehmer (Ed.), *Structural Analysis of Complex Networks*, Burkhauser, Boston, 2009, pp. 486-504.

2010

- 5) D. Vukičević, Bond-degrees and Applications, *in* I. Gutman and B. Furtula (Eds.), *Novel Molecular Structure Descriptors - Theory and Applications II*, MCM, Kragujevac, 2010, pp. 205-216.
- 6) D. Vukičević, Bond Additive Modeling. Adriatic Indices – Overview of the Results, *in* I. Gutman and B. Furtula (Eds.), *Novel Molecular Structure Descriptors - Theory and Applications II*, MCM, Kragujevac, 2010, pp. 269-302.

2011

- 7) D. Vukičević and M. Randić, Detailed Atlas of Kekule Structure of the Buckminsterfullerene, *in* F. Cataldo, A. Graovac and O. Ori (Eds.), *The Mathematics and Topology of Fullerenes*, Springer, Dordrecht, 2011, pp.153-170.
- 8) O. Ori, F. Cataldo, D. Vukičević, and A. Graovac, Topological Determination of ¹³C-NMR Spectra of C₆₆ Fullerenes, *in* F. Cataldo, A. Graovac and O. Ori (Eds.), *The Mathematics and Topology of Fullerenes*, Springer, Dordrecht, 2011, pp.205-216.