

Combinatorics Seminar

Wednesday, March 31, 2004

3:00 pm in Hume 331

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and

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Trees with Maximum General Randić Index

ABSTRACT

A chemical index is a map from the set of chemical compounds to the real numbers. There are many kinds of indices in existing literature. Randić index, also called connectivity index (proposed in 1975), is one of the important molecular graph-based structure-descriptors used in the theory of QSAR (quantitative structure-activity relationship). In this talk, we will survey the results on trees with maximum general Randić index. Some unsolved problems will also be presented. This is a continuation of my last talk.