

Title: Computation Method of the Hosoya and Merrifield-Simmons Indices of Benzenoid Systems

Author: Mert Sinan OZ

Affiliation: Faculty of Engineering and Natural Sciences, Department of Mathematics, Bursa Technical University, Bursa, Turkey

Abstract: The Hosoya and Merrifield-Simmons indices have important usage in chemical graph theory. Therefore, it is important to compute them for various molecular graphs. In this talk, some computation methods of these indices for some kinds of benzenoid systems will be presented.