

Modelling normal boiling points of alkanes by linear regression using the SD index

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ABSTRACT.

Multiple linear regression methods based on the SD index, introduced previously by the author are used to develop quantitative structure-property models for estimating the normal boiling points of alkanes. The performance of the SD index, in this application, is comparable to the performance of the Wiener number and Harary index.

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Received: 25.03.2010; In revised form: 20.06.2010; Accepted: 15.08.2010.

2000 Mathematics Subject Classification. 92E10, 05C12.

Key words and phrases. Molecular graph, weighted electronic distance, weighted electronic connectivity matrix, SD topological index, Wiener number, Harary index, QSPR study, boiling points, multiple linear regression.