Usefulness of combinations of vertex-degree weighted path indices and elements of a Universal matrix

Anton Perdih

Faculty of Chemistry and Chemical Technology, University of Ljubljana (retired)
Večna pot 113, 1000 Ljubljana, Slovenia
*Corresponding author: E-mail: a.perdih@gmail.com

Appendix 2

The mutually optimized combinations of vertex degree weighted path indices with particular vertex degree vertex distance weighted elements of the Universal matrix are presented in Figure S1 for $P_1(a, b)$, in Figure S2 for $P_3(a, b, c, d)$, and in Figure S3 for $P_4(a, b, c, d, e)$.

![Figure S1. Correlation coefficients of the mutually optimized combinations of vertex degree weighted path one index with vertex degree vertex distance weighted elements of the Universal matrix $u_{ij}(a,b,c)$.](image)

Figure S1. Correlation coefficients of the mutually optimized combinations of vertex degree weighted path one index with vertex degree vertex distance weighted elements of the Universal matrix $u_{ij}(a,b,c)$. 
Figure S2. Correlation coefficients of the mutually optimized combinations of vertex degree weighted path three index with vertex degree vertex distance weighted elements of the Universal matrix $u_{ij}(a,b,c)$. 
Figure S3. Correlation coefficients of the mutually optimized combinations of vertex degree weighted path four index with vertex degree vertex distance weighted elements of the Universal matrix $u_{ij}(a,b,c)$. 