

Assistant Professor WU, YANG

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Academic Qualification

Ph.D. in Mathematics, West Virginia University, USA, 2020

Master in Mathematics, South China Agricultural University, China, 2015

Bachelor in Mathematics and Applied Mathematics, South China Normal University, China, 2007

Teaching Area

Calculus (Undergraduate, 2017-2020)

Linear Algebra, Probability and statistics (Undergraduate, 2020)

Research Area

Graph Theory, Matroid Theory

Working Experience

Assistant Professor, Macau University of Science and Technology, Sep 2020 ~ Present

Academic Publication (Selected)

Vertex-connectivity and eigenvalues of graphs with fixed girth, R.Liu, H-J.Lai, Y.Tian, **Y.Wu**, 2019, Applied Mathematics and Computation, 141-149.

Characterizations of matroids with an element lying in restricted number of circuits, P.Li, L.Wang, **Y.Wu**, H-J. Lai, 2019, Journal of Combinatorial Optimization, 38(3), 887-910.
Supereulerian width of dense graphs, W.Xiong, J.Xu Z.Miao, **Y.Wu**, H-J.Lai, 2017, Discrete Mathematics, Vol 340, Issue 5:2995-3001.

Panconnected Index of Graphs, H.Li, H-J. Lai, Y.Wu, S.Zhu, 2017, Discrete Mathematics, Vol 340, Issue 5:1092-1097.

The Generalized (Terminal) Wiener Polarity Index of Generalized Bethe Trees and Coalescence of Rooted Trees, **Y. Wu**, F. Wei, B. Liu, Z. Jia, MATCH Commun. Math. Comput. Chem., 2013, Vol 70, Issue 2:603-620.