邓玉静导师信息

邓玉静，女，博士，河北工程大学信息与电气工程学院，硕士生导师。 2020 年 6 月毕业于燕山大学电子科学与技术专业，获工学博士学位。研究课题包括传感器网络拓扑性能优化，水下传感器网络组网、定位、跟踪等。

一、 研究方向

1、物联网 2、水下传感器网络

二、 主要科研成果

河北省自然科学基金项目"水下传感器网络覆盖节能拓扑控制及优化算法研究" 2022.1-2024.12 主持，在研

三、 发表的代表性论文

[1] Zhang Lei, **Deng Yujing***, Hu Jinhua, Ren Danping, Zhao Jijun.Underwater multi-hop target tracking algorithm based on bidirectional modified sound speed profile model[J].Ocean Engimeering, 2024, 314:119725.

[2] Zhang Lei, **Deng Yujing***, Fu Jia. et al. A DV-Hop localization algorithm corrected based on multi-strategy sparrow algorithm in sea-surface wireless sensor networks[J]. Wireless Networks, 2024, 31(2):1405-1420.

[3] **Deng Yujing,** Liu Haoran, Wang Haiyu, Liu Bin. Learning Dynamic Bayesian Networks Structure Based on a New Hybrid K2-Bat Learning Algorithm. *Journal of Chinese Institute of Engineers*. 2021, 44(1): 41-52.

[4] **Deng Yujing**, Li Yaqian, Zhao Heyao, Liu Bin. Optimal Defense Resource Allocation for Attacks in Wireless Sensor Networks Based on Risk Assessment Model. *Chaos, Solitons and Fractals*, 2020, 137: 109780.

[5] **Deng Yujing**, Li Yaqian, Yin Rongrong, Zhao Heyao, Liu Bin. Efficient Measurement Model for Critical Nodes based on Edge Clustering Coefficients and Edge Betweenness. *Wireless networks*. 2020, 26(4): 2875-2889.

四、 联系方式

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