

## Center for Mathematical and Applied Research

Machine Learning Laboratory

Junior Researcher

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## Publications

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*Article*

### **Deep learning with synthetic data for wireless NLOS positioning with a single base station**

Hrant Khachatryan, Rafayel Mkrtchyan, Theofanis P. Raptis

Ad Hoc Networks 2025 103696

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*Article*

### **Vision Transformers for Efficient Indoor Pathloss Radio Map Prediction**

Rafayel Mkrtchyan, Edvard Ghukasyan, Khoren Petrosyan, Hrant Khachatryan, Theofanis P. Raptis

Electronics (Switzerland) 2025 1905

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*Article*

### **On improper interval colorings of complete multipartite graphs**

Rafayel Mkrtchyan

Discrete Mathematics, Algorithms and Application 2024 2450036

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