

Մաթեմատիկական և կիրառական հետազոտությունների կենտրոն
Մեքենայական ուսուցման լաբորատորիա
Խմբի ղեկավար

📖 Հրապարակումներ

Հոդված

Bridging the sim-to-real gap in RF localization with large-scale synthetic pretraining

Armen Manukyan, Rafayel Mkrtchyan, Ararat Saribekyan, Theofanis P. Raptis, Hrant Khachatrian

Information Fusion 2026 104104

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Interval Edge-Colorings of Cartesian Products of Graphs II

Petros A. Petrosyan, Hrant H. Khachatrian, Hovhannes G. Tananyan

Bulletin of the Malaysian Mathematical Sciences Society 2026 25

<https://doi.org/10.1007/s40840-026-02096-4>

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Fusion of pervasive RF data with spatial images via vision transformers for enhanced mapping in smart cities

Rafayel Mkrtchyan, Armen Manukyan, Hrant Khachatrian, Theofanis P. Raptis

Pervasive and Mobile Computing 2026 102261

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

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Vision Transformers for Efficient Indoor Pathloss Radio Map Prediction

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

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Datasets Construction and Development of QSAR Models for Predicting Micronucleus In Vitro and In Vivo Assay Outcomes

Lusine Khondkaryan, Ani Tevosyan, Hayk Navasardyan, Hrant Khachatrian, Gohar Tadevosyan,

Lilit Apresyan, Gayane Chilingaryan, Zaven Navoyan, Helga Stopper, Nelly Babayan

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Improving VAE based molecular representations for compound property prediction

Ani Tevosyan, Lusine Khondkaryan, Hrant Khachatrian, Gohar Tadevosyan, Lilit Apresyan,

Nelly Babayan, Helga Stopper, Zaven Navoyan

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Deep Semi-Supervised Image Classification Algorithms: a Survey

Ani Vanyan, Hrant Khachatryan

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Some bounds on the number of colors in interval and cyclic interval edge colorings of graphs

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Further results on the deficiency of graphs

P.A. Petrosyan, H.H. Khachatryan

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