



Data Science





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Baikalov

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Enhancing recommender systems performance with leveraging of multiple data representations

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Anastasiia
Batsheva

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Oseledets

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Maksim
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Dylov

Imitation Learning through Learnable intentions via Optimal Transport

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Nikita
Bogdanov

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Towards watermarking schemes provably robust against stealing attacks

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Sergei
Kholkin

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Optimal Schrödinger Bridge Matching

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Improving Adversarial Sample Generation for Neural Network Watermarking

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**Alexander
Stepikin**

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Two-stage Uncertainty-aware Change Point Detection for Sequential Data

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Acoustic Style Transfer with Neural Generative Models

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**Vasily
Tesalin**

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Suppressing Modulation Instability with Reinforcement Learning

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**Gleb
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**Danil
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Scalable Cross-Entropy Loss for Sequential Recommendations with Large Item Catalogs

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**Abdulaziz
Samra**

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Scalable Cross-Domain Recommender Systems using Matrix Factorization

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**Maxim
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On the Solution of the Gromov-Wasserstein Problem with Neural Network Models

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**Andrew
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Barannikov**

Application of topology-aware losses in generative neural networks training

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**Andrei
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GLiRA: Black-Box Membership Inference Attack via Knowledge Distillation

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Limit order book queue modelling: a Reinforcement learning approach

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Expressive Power of Tensor-Train Networks With Equal TT-cores



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Improving, analyzing and speeding up models for image-to-image translation based on neural optimal transport

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Leveraging Language Model Compression for Cross and Multilingual Text Detoxification

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Scalable methods for computing entropic Gromov-Wasserstein optimal transport

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Tensor algorithms for effective training of quantum and optical neural networks

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Graph Neural Networks with Learnable Topological Representations

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Uncertainty Estimation for Large Language Models

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Evaluating Logic Reasoning of Large Language Models

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Improved achievability bounds
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Large language models for Russian
medicine RuMedBench benchmark

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Diffusion Guidance Mechanism
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Editing by Text-to-Image Diffusion
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Knowledge Graphs on Question
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Text-to-Video Retrieval
For Searching Among a Database
of Short Videos

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**Julia
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**Mikhail
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**Evgeny
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Aibek
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**Fast Hair Editing Based on
StyleGAN**

**Kira
Kuznetsova**

**Gonzalo
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One-shot prompt for navigation

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**Sergey
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**Acceleration of histogram
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**Pavel
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**Enhancing Portfolio Optimization
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**Automatic Adaptive Conformal
Inference for Time Series**

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Evaluating the Influence of Dataset Splitting on Model Performance and Structure in Sequential Recommender Systems

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Entropy-Regularized RL Perspective on Generative Flow Networks

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Algorithms for First Passage in High Dimensions

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Lymph nodes segmentation, detection and measurement

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Efficient Robotic Evacuation in Hazardous Situations Using Reinforcement Learning

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Global Optimisation of Black-Box Functions with Generative Models in the Wasserstein Space

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Tensor Train Decomposition for Density Approximation and Sampling



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**Novel Methods for Regularization
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Matrices**

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**Hybrid ASR-TTS models for text-
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**Unpaired Image-To-Image
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**Feature selection for hybrid
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**Leveraging Diffusion Models to
Enhance Neural Radiance Fields
Representation**

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Methods for improving the prediction quality and accelerating machine translation evaluation models

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Exploring Contrastive Learning Strategies for Enhanced Representation Learning from Event Sequences

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Zelentsov

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Panchenko

Meeting Notes Generation with Large Language Models

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Study of the properties of LLM embeddings: continuous interpretation and robustness of dense point clouds