

JIALI CUI

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📖 PUBLICATION

Learning Latent Space Hierarchical EBM Diffusion Models [\[page link\]](#)

Jiali Cui, Tian Han

The International Conference on Machine Learning 2024 (@ ICML 2024)

Keyword: **diffusion probabilistic scheme, EBM prior model, multi-layer generator model.**

Learning Energy based Model via Dual MCMC Teaching [\[page link\]](#)

Jiali Cui, Tian Han

The 37th Conference on Neural Information Processing Systems (@ NeurIPS 2023)

Keyword: **cooperative learning, Markov Chain Monte Carlo (MCMC) sampling, EBM**

Learning Hierarchical Features with Joint Latent Space EBM Prior [\[page link\]](#)

Jiali Cui, Ying Nian Wu, Tian Han

The IEEE/CVF International Conference on Computer Vision (@ ICCV 2023)

Keyword: **representation learning, EBM, multi-layer generator model**

Learning Joint Latent Space EBM Prior Model for Multi layer Generator [\[page link\]](#)

Jiali Cui, Ying Nian Wu, Tian Han

The IEEE/CVF Conference on Computer Vision and Pattern Recognition 2023 (@ CVPR 2023)

Keyword: **joint learning, EBM prior, multi-layer generator model**

Semi-supervised Learning by Latent Space EBM of Symbol-Vector Coupling [\[page link\]](#)

Jiali Cui, Ying Nian Wu, Tian Han

Workshop on I Can't Believe It's Not Better (ICBINB) (@ NeurIPS 2021)

Keyword: **semi-supervised learning, EBM prior**

🎓 EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Sep. 2021 – Present

Ph.D in Computer Science, expected May 2025

Stevens Institute of Technology, Hoboken, NJ

Sep. 2019 – May. 2021

M.S. in Computer Science

Harbin Institute of Technology, Harbin, China

Sep. 2015 – May. 2019

B.S. in Computer Science

⚙️ SKILLS

- Methodology: Computer vision, Machine learning, Deep learning.
- Programming Languages: Python (Pytorch, Tensorflow, Jax)
- Language: English, Mandarin

👥 PROFESSIONAL SERVICE

Conference Reviewer: ECCV'22, AAAI'22, ICCV'23, AAAI'23, CVPR'23, NeurIPS'23, AAAI'24, ICLR'24, ICML'24, CVPR'24, ECCV'24, NeurIPS'24