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PUBLICATION LIST

Total number: 66 Citations: 2219 h-index: 22 Google Scholar 0000-0001-7731-6650

(**Note:** highlighted publications are marked with a ★)

Preprints

[1] A. Manolache, **L. F. O. Chamon**, and M. Niepert. Learning (approximately) equivariant networks via constrained optimization, 2025. URL: https://arxiv.org/abs/2505.13631.

[2] A. Tsigler, **L. F. O. Chamon**, S. Frei, and P. L. Bartlett. Benign overfitting and the geometry of the ridge regression solution in binary classification, 2025. URL: https://arxiv.org/abs/2503.07966.

[3] **L. F. O. Chamon**, S. Paternain, and A. Ribeiro. Trust but verify: Assigning prediction credibility by counterfactual constrained learning, 2020. URL: https://arxiv.org/abs/2011.12344.

[4] **L. F. O. Chamon** and C. G. Lopes. Combination of LMS adaptive filters with coefficients feedback, 2016. URL: https://arxiv.org/abs/1608.03248.

Patents

[1] D. Lamb, **L. F. O. Chamon**, V. H. Nascimento, and A. Spirer. Sparse cascaded-integrator-comb filters, 2019. URL: https://patents.google.com/patent/US10367477B2. US10367477B2.

Journals

★ [1] M. Calvo-Fullana, S. Paternain, **L. F. O. Chamon**, and A. Ribeiro. State augmented constrained reinforcement learning: Overcoming the limitations of learning with rewards. *IEEE Trans. on Autom. Control.*, 69[7]:4275–4290, 2024. URL: https://arxiv.org/abs/2102.11941.

[2] C. G. Lopes, V. H. Nascimento, and **L. F. O. Chamon**. Distributed universal adaptive networks. *IEEE Trans. on Signal Process.*, 71:1817–1832, 2023. DOI: 10.1109/TSP.2023.3275812. URL: https://arxiv.org/abs/2307.05746.

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Control Conferences

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