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PUBLICATION LIST

Total number: 65 Citations: 2050 h-index: 22 Google Scholar 0000-0001-7731-6650

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

Preprints

[1] S. Das, S. Paternain, **L. F. O. Chamon**, and C. Eksin. The Lagrangian method for solving constrained Markov games, 2025. URL: https://arxiv.org/abs/2503.10561.

[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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[6] **L. F. O. Chamon**, A. Amice, and A. Ribeiro. Approximately supermodular scheduling subject to matroid constraints. *IEEE Trans. on Autom. Control.*, 67[3]:1384–1396, 2022. DOI: 10.1109/TAC.2021.3071024. URL: https://arxiv.org/abs/2003.08841.

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★ [11] M. Eisen, C. Zhang, **L. F. O. Chamon**, D. D. Lee, and A. Ribeiro. Learning optimal resource allocations in wireless systems. *IEEE Trans. on Signal Process.*, 67[10]:2775–2790, 2019. DOI: 10.1109/TSP.2019.2908906. URL: https://arxiv.org/abs/1807.08088. **[Top 50 most accessed articles in IEEE TSP: May, July, Sept, Oct 2019]**.

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Control Conferences

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