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PUBLICATION LIST

Total number: 64

Citations: 1865

h-index: 22

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(Note: highlighted publications are marked with a ★)

Preprints

- [1] V. Moro and **L. F. O. Chamon**. Solving differential equations with constrained learning, 2024. URL: <https://arxiv.org/abs/2410.22796>.
- [2] **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>.
- [3] **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](https://arxiv.org/abs/2307.05746). URL: <https://arxiv.org/abs/2307.05746>.
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- ★ [5] **L. F. O. Chamon**, S. Paternain, M. Calvo-Fullana, and A. Ribeiro. Constrained learning with non-convex losses. *IEEE Trans. on Inf. Theory*, 69[3]:1739–1760, 2023. DOI: [10.1109/TIT.2022.3187948](https://arxiv.org/abs/2103.05134). URL: <https://arxiv.org/abs/2103.05134>.
- [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](https://arxiv.org/abs/2003.08841). URL: <https://arxiv.org/abs/2003.08841>.
- ★ [7] L. Ruiz, **L. F. O. Chamon**, and A. Ribeiro. Graphon signal processing. *IEEE Trans. on Signal Process.*, 69:4961–4976, 2021. DOI: [10.1109/TSP.2021.3106857](https://arxiv.org/abs/2003.05030). URL: <https://arxiv.org/abs/2003.05030>.
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ML & Systems Conferences

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