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PUBLICATION LIST

Total number: 63 Citations: 1802 h-index: 22 Google Scholar **(D)** 0000-0001-7731-6650

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

Preprints

- [1] 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.
- [2] L. F. O. Chamon and C. G. Lopes. Combination of LMS adaptive filters with coefficients feedback. arXiv, 2016. URL: https://arxiv.org/abs/1608. 03248.

Patents

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- **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.
 - [3] S. Paternain, M. Calvo-Fullana, L. F. O. Chamon, and A. Ribeiro. Safe policies for reinforcement learning via primal-dual methods. IEEE Trans. on Autom. Control., 68[3]:1321-1336, 2023. DOI: 10.1109/TAC.2022.3152724. URL: https://arxiv.org/abs/1911.09101.
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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. URL: https://arxiv.org/ abs/2103.05134.
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 - ★ [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. URL: https://arxiv.org/abs/2003.05030.
 - ★ [8] L. F. O. Chamon, G. J. Pappas, and A. Ribeiro. Approximate supermodularity of Kalman filter sensor selection. IEEE Trans. on Autom. Control., 66[1]:49-63, 2021. DOI: 10.1109/TAC.2020.2973774. URL: https://arxiv. org/abs/1912.03799.
 - [9] M. Peifer, L. F. O. Chamon, S. Paternain, and A. Ribeiro. Sparse multiresolution representations with adaptive kernels. IEEE Trans. on Signal Process.,

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ML & Systems Conferences

- [1] J. Elenter, L. F. O. Chamon, and A. Ribeiro. Near-optimal solutions of constrained learning problems. In *International Conference on Learning Representations (ICLR)*, 2024. URL: https://arxiv.org/abs/2403.11844.
- [2] J. Cervino, **L. F. O. Chamon**, B. D. Haeffele, R. Vidal, and A. Ribeiro. Learning globally smooth functions on manifolds. In *International Conference on Machine Learning (ICML)*, 2023. URL: https://arxiv.org/abs/2210.00301.
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- [2] M. Calvo-Fullana, **L. F. O. Chamon**, and S. Paternain. Towards safe continuing task reinforcement learning. In *American Control Conference*, 2021. URL: https://arxiv.org/abs/2102.12585.
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- [1] L. Ruiz, **L. F. O. Chamon**, and A. Ribeiro. Transferable graph neural networks on large-scale stochastic graphs. In *Asilomar Conference on Signals, Systems and Computers*, 2021.
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