Reading list for Distributed Information Processing and Machine Learning, TSKS38, 2026

Compulsory literature

Books

Joshi, Gauri, (2023) *Optimization algorithms for distributed machine learning*. Cham : Springer Nature, [2023]
ISBN: 9783031190667

Simeone, Osvaldo, (2022) *Machine Learning for Engineers* Cambridge University Press
ISBN: 9781316512821

Additional literature

Articles

A. Nedić, A. Olshevsky and M. G. Rabbat, Network topology and communicationcomputation tradeoffs in decentralized optimization *Proceedings of the IEEE,* vol. 106, no. 5, pp. 953-976, May 2018

R. Olfati-Saber, J. A. Fax and R. M. Murray, Consensus and cooperation in networked multiagent systems *Proceedings of the IEEE* vol. 95, no. 1, pp. 215-233, Jan. 2007

R. Xin, S. Pu, A. Nedić and U. A. Khan, A General Framework for Decentralized Optimization With First-Order Methods *Proceedings of the IEEE* vol. 108, no. 11, pp. 1869-1889