

# reading list

Bousquet, Olivier, and André Elisseeff. "Stability and generalization." The Journal of Machine Learning Research 2 (2002): 499-526. <https://www.jmlr.org/papers/volume2/bousquet02a/bousquet02a.pdf>

(Stability and RC Chapters) Understanding Machine Learning: From Theory to Algorithms, <https://www.cs.huji.ac.il/w~shais/UnderstandingMachineLearning/copy.html>

Hardt, M., Recht, B. and Singer, Y., 2016, June. Train faster, generalize better: Stability of stochastic gradient descent. In International conference on machine learning (pp. 1225-1234). PMLR, Vancouver, <http://proceedings.mlr.press/v48/hardt16.pdf>

Srebro, N., Sridharan, K. and Tewari, A., 2010. Smoothness, low noise and fast rates. Advances in neural information processing systems, 23. <https://proceedings.neurips.cc/paper/2010/file/76cf99d3614e23eabab16fb27e944bf9-Paper.pdf>

Zhang, C., Bengio, S., Hardt, M., Recht, B. and Vinyals, O., 2021. Understanding deep learning (still) requires rethinking generalization. Communications of the ACM, 64(3), pp.107-115. <https://dl.acm.org/doi/pdf/10.1145/3446776>

Bartlett, P.L. and Mendelson, S., 2002. Rademacher and Gaussian complexities: Risk bounds and structural results. Journal of Machine Learning Research, 3(Nov), pp.463-482. Vancouver, <https://www.jmlr.org/papers/volume3/bartlett02a/bartlett02a.pdf>

Charles, Z. and Papailiopoulos, D., 2018, July. Stability and generalization of learning algorithms that converge to global optima. In International conference on machine learning (pp. 745-754). PMLR. <http://proceedings.mlr.press/v80/charles18a/charles18a.pdf>