



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

Mathematics Colloquium

April 22, 2021

Deep Learning and Neural Networks

Ron DeVore (TAMU)

Abstract. Deep Learning has achieved much publicized empirical success. But there remains no rigorous proof that DL works, when it works, why it works. This talk will give the mathematical view of deep learning and try to understand this gap between theory and practice.