

4TU.AMI



MATHEMATICS FOR INNOVATION

4TU.AMI Conference

“Mathematics on Deep Learning”

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Implicit bias and regularization in machine learning

Classically algorithms in machine learning are designed by enforcing explicit constraints that bias the search for a solution while ensuring stability to the data. In modern machine learning, it has been observed how the same effects is obtained implicitly by common computational approaches such as gradient descent.

In this talk we will provide an overview of classical as well as new results on this topic.