



Einladung zum Oberseminar Mathematik in den Naturwissenschaften

Julius-Maximilians-Universität Würzburg
Lehrstuhl für Mathematik in den Naturwissenschaften

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Neural Networks and Artificial Intelligence

Nowadays, deep learning methods from the field of artificial neural networks play a crucial role in a large variety of applications. Given the many disappointments in the history of neural networks, this unexpected revolution completely changed the way we estimate the potential of artificial intelligence. However, this potential, as I will point out, requires a better mathematical understanding of current methods and the further development of corresponding theories. In my talk, I will provide a historical overview of the field of neural networks, thereby highlighting various mathematical aspects. I will then outline current and future directions of research within artificial intelligence.

Ort: Zentrales Hörsaalgebäude Z6, HS 002

Zeit: Donnerstag, 07.02.19 um **10:30** Uhr

Zu diesem Vortrag sind Sie herzlich eingeladen.

gez. Anja Schlömerkemper