



ID de Contribution: 7

Type: **Non spécifié**

# Statistical physics analysis of artificial neural networks

*samedi 30 avril 2022 09:00 (1h 30m)*

The scope of these lectures will be to discuss the statistical physics approach to the phase diagram and landscape of machine learning problems focusing on the loss landscape of artificial neural networks. We will show how this analysis suggest new powerful training algorithms based on the role of wide flat minima of the corresponding cost functions.

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