

Fondements théoriques du deep learning

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Quelques références générales sur les mathématiques du deep learning :

- An Introduction to the mathematics of deep learning
https://www.ai.math.uni-muenchen.de/publications/proceedings/intro_math_of_dl.pdf
- The modern mathematics of deep learning
<https://arxiv.org/pdf/2105.04026.pdf>
- Fit without fear : remarkable mathematical phenomena of deep learning through the prism of interpolation
<https://arxiv.org/abs/2105.14368>
- Neural network learning : Theoretical foundations
<https://www.cambridge.org/core/books/neural-network-learning/665C8C7EB5E2ABC5367A55A>
- Deep Learning
<https://www.deeplearningbook.org/>