

# **A mathematical understanding of deep learning**

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## **1 – Introduction**

Frameworks such as Tensorflow or Pytorch make deep learning developments easy. They have made this field wide spread for every enthusiast which is a good point. An only “instinctive” understanding is needed to implement. Thus, the proper math aspects are more and more forgotten.

Before being a developer in the data field, I studied two intensive entire years in a preparatory class for the grandes écoles. The main subject was about theoretical math – Riemann integration, Linear algebra, etc...

## **2 – References**