

Dictionary Learning

Mathematical Models and Methods for Image
Processing

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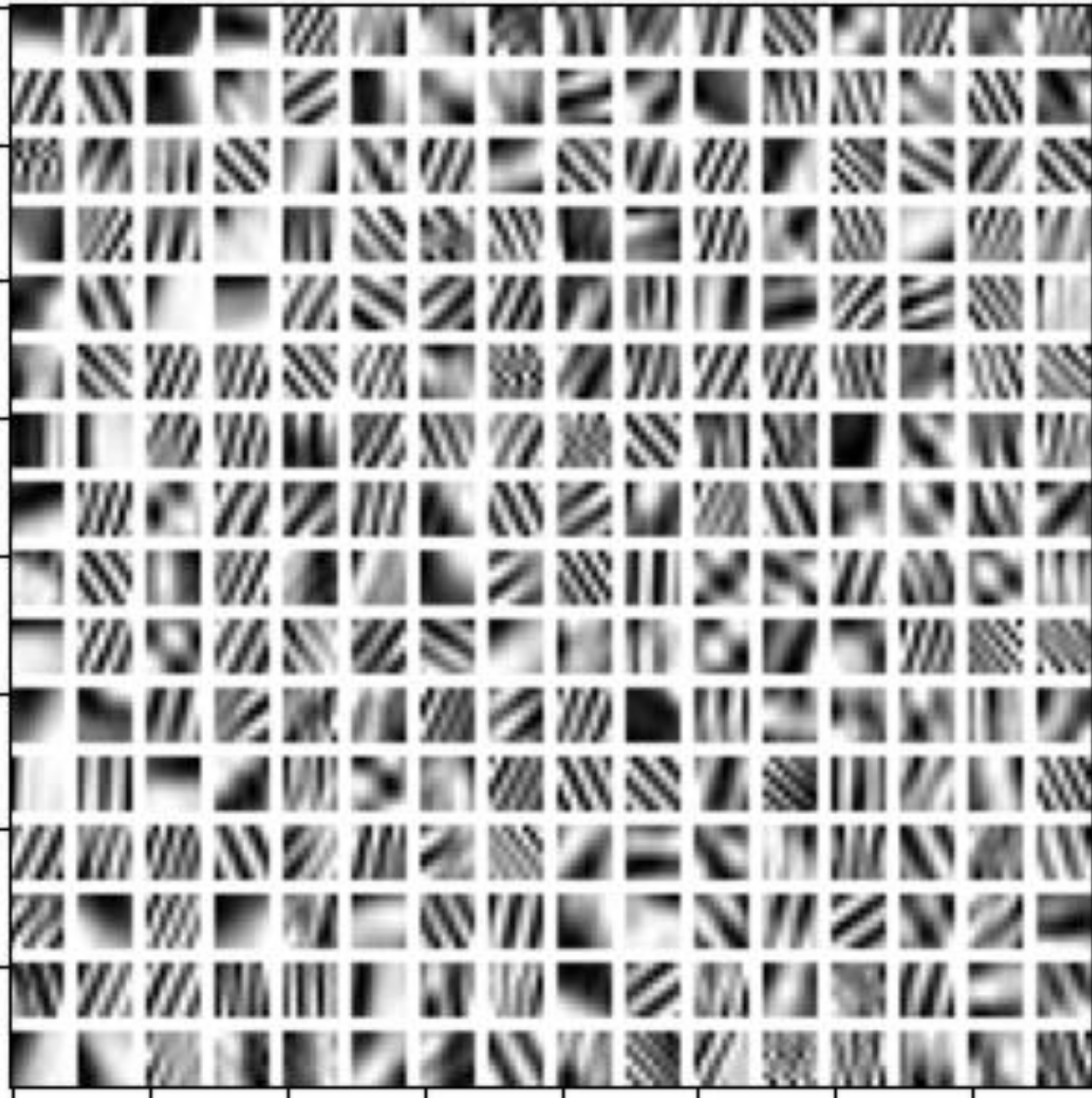
March 18th 2025

Examples of Dictionaries

Barbara

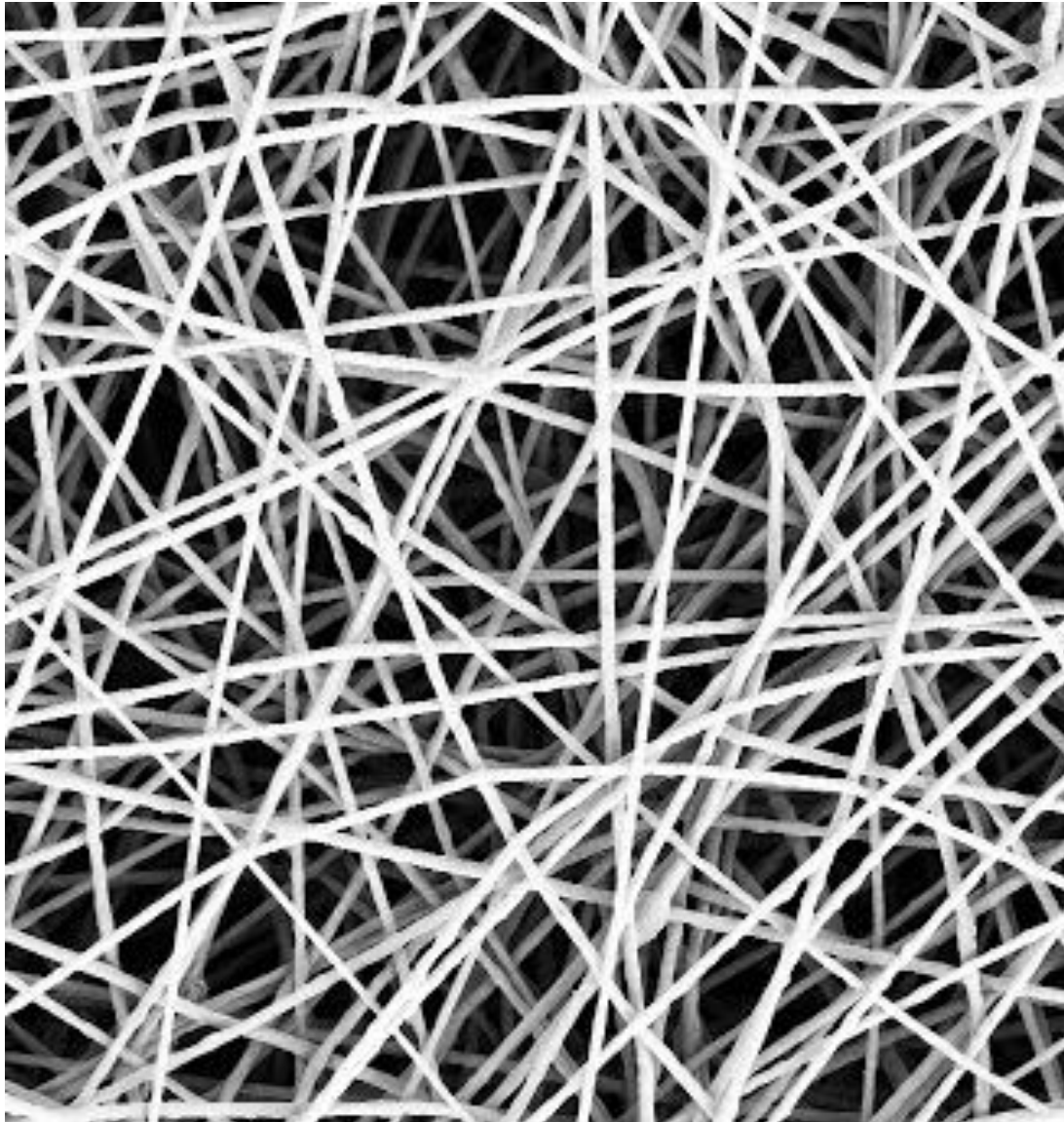


Learned Dictionary



Examples of Dictionaries

Nanofiber



Learned Dictionary

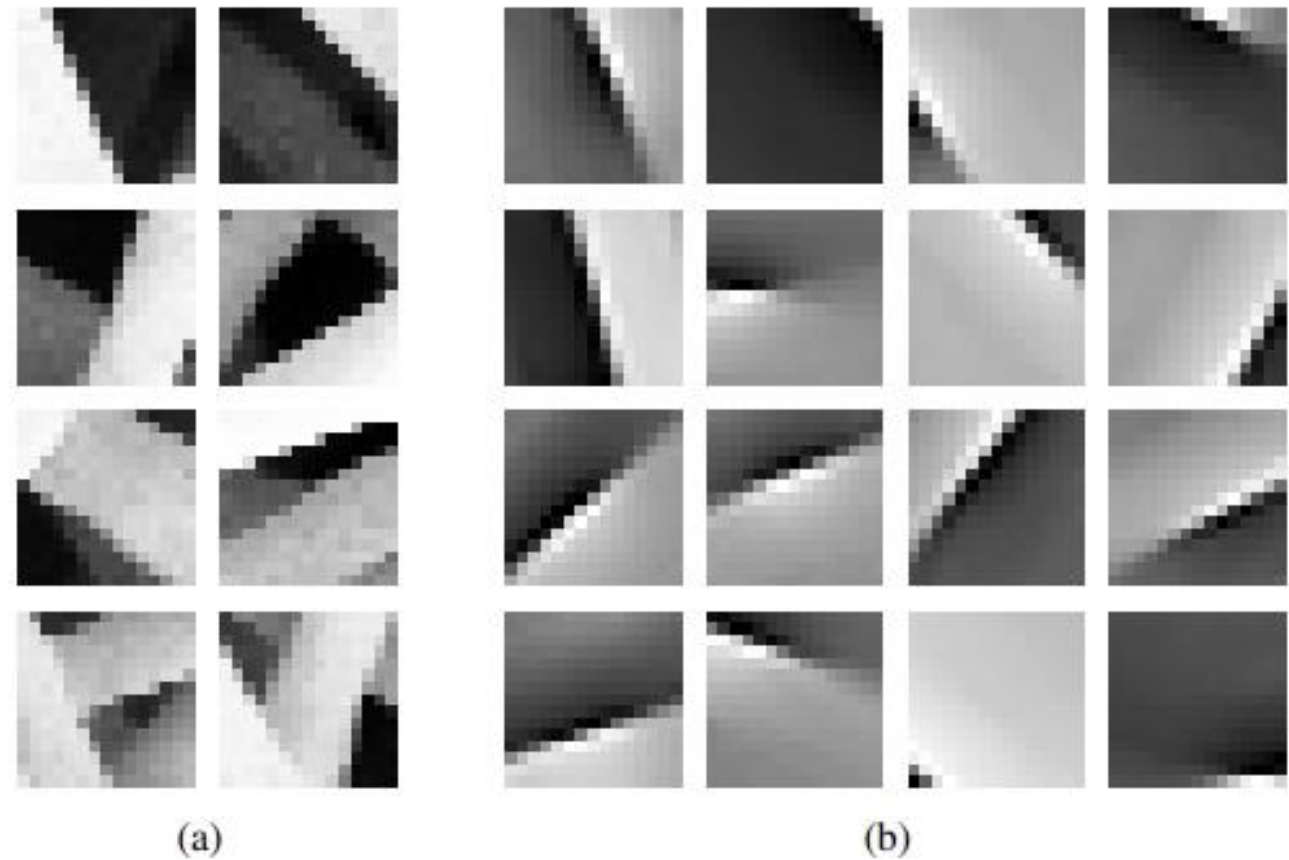


Fig. 2. (a) Examples of training patches. (b) Atoms of the dictionary learned by the ADMM algorithm [51]. Here we show only 16 atoms.