

# Special Issue

## Recent Advances in Representation Learning

### Message from the Guest Editors

The performance of any pattern recognition system heavily depends on finding a good and suitable feature representation space where observations from different classes are well separated. The main methods range from conventional hand-crafted feature design (SIFT, LBP, HoG, etc.) to dimensionally reduction techniques (PCA, LDA, FA, ISOMAP, LLE, etc.) and feature selection (wrapper, filter, embedded) in the past two decades, until the recent deep neural networks (CNN, RNN, etc.). Unfortunately, finding this proper representation is a challenging problem which different communities have taken a huge interest in, including the machine learning, data mining, and computer vision communities. This Special Issue aims to highlight advances in machine learning and pattern recognition.

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### Deadline for manuscript submissions

closed (31 December 2021)



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