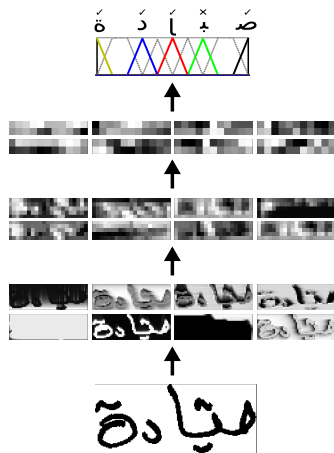


Poster W78: Offline Handwriting Recognition with Multidimensional Recurrent Neural Networks

Alex Graves and Jürgen Schmidhuber



- ▶ We use a hierarchy of multidimensional recurrent networks to transcribe images of handwritten Arabic text
- ▶ The system is very general, requires no preprocessing, and can be used for any alphabet or language
- ▶ It outperformed all entries in an international Arabic handwriting recognition competition (even though we don't know any Arabic!)