











**MNIST** 50 results collected

Units: error %

[Classify handwritten digits](#). Some additional results are available on the [original dataset page](#).

Result	Method	Venue	Details
0.21%	<a href="#">Regularization of Neural Networks using DropConnect</a> 	ICML 2013	
0.23%	<a href="#">Multi-column Deep Neural Networks for Image Classification</a> 	CVPR 2012	
0.23%	<a href="#">APAC: Augmented PAttern Classification with Neural Networks</a> 	arXiv 2015	
0.24%	<a href="#">Batch-normalized Maxout Network in Network</a> 	arXiv 2015	<a href="#">Details</a>
0.29%	<a href="#">Generalizing Pooling Functions in Convolutional Neural Networks: Mixed, Gated, and Tree</a> 	AISTATS 2016	<a href="#">Details</a>
0.31%	<a href="#">Recurrent Convolutional Neural Network for Object Recognition</a> 	CVPR 2015	
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0.33%	<a href="#">Competitive Multi-scale Convolution</a> 	arXiv 2015	
0.35%	<a href="#">Deep Big Simple Neural Nets Excel on Handwritten Digit Recognition</a> 	Neural Computation 2010	<a href="#">Details</a>