

Input	Real Image	
Layers	conv2D [filterSize : 5, nFilters : 64, stride=2, padding=2]	
	Relu	
	conv2D [filterSize : 5, nFilters : 128, stride=2, padding=2]	
	Relu	
	conv2D [filterSize : 5, nFilters : 256, stride=2, padding=2]	
	Relu	
	conv2D [filterSize : 5, nFilters : 512, stride=2, padding=2]	
	Relu	
	Linear [Size : 1000]	
	Linear [Size : 1]	Linear [Size : 200]
	Sigmoid	
Encoder Output	Label	Encoded Vector