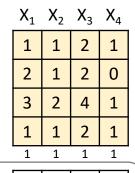
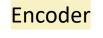
## Autoencoder





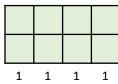


1	0	0	1	0
0	1	1	0	0
-1	0	1	0	-1
[≈ ReLU]				

1	1	1	1	



1 0 1 0 -1 1 0 0 [≈ ReLU]



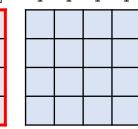


Decoder



1	1	1	1

)(		)
/ \		

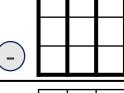


Outputs

Y



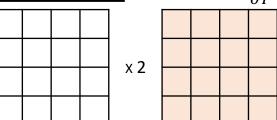
Reconstruction Loss



Targets

Y'

MSE Loss  $\frac{\partial L}{\partial Y}$ 



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