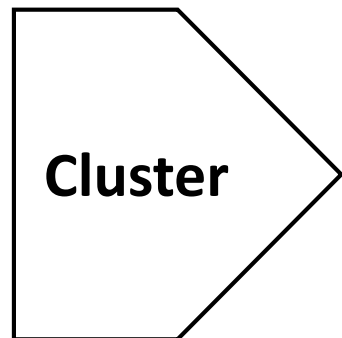


$$W$$

1.1	-1	1.7
-0.4	1.2	-0.5
1.3	-0.9	0.8



$$W$$

0.7	-0.6	0.7
-0.6	0.7	-0.6
0.7	-0.6	0.7

×

×

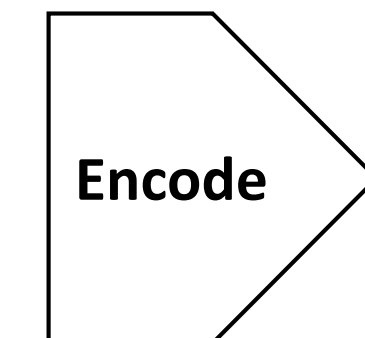
×

Neurons

0.3	0.9	-0.1
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Conventional
dot product

0.4



0.7	-0.6
-----	------

Dictionary

Dot product
with factorized
coefficients

$$\widetilde{W}$$

0	1	0
1	0	1
0	1	0

0.3	0.9	-0.1
-----	-----	------

0.2	0.9
-----	-----

×

×

0.7	-0.6
-----	------

0.4