**Trained model : 1**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 1000**
**beta : 0.000100**
**loss : 0.008902**
**msq : 0.008896**
**sparsity : 0.058982**



Original Images



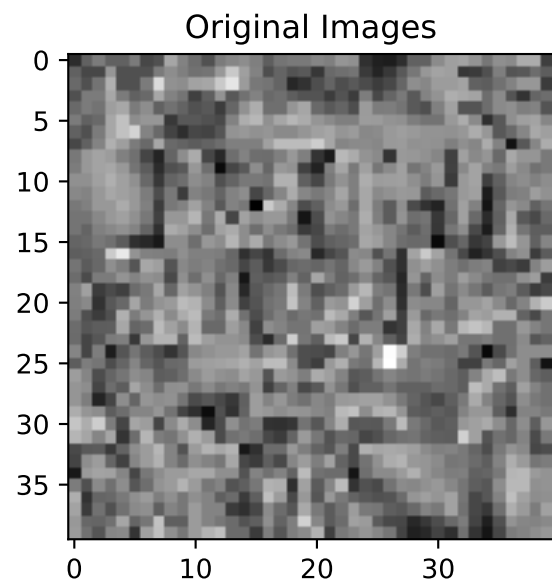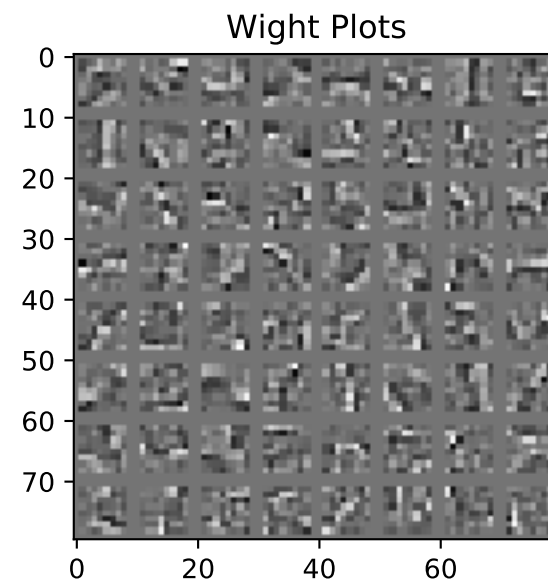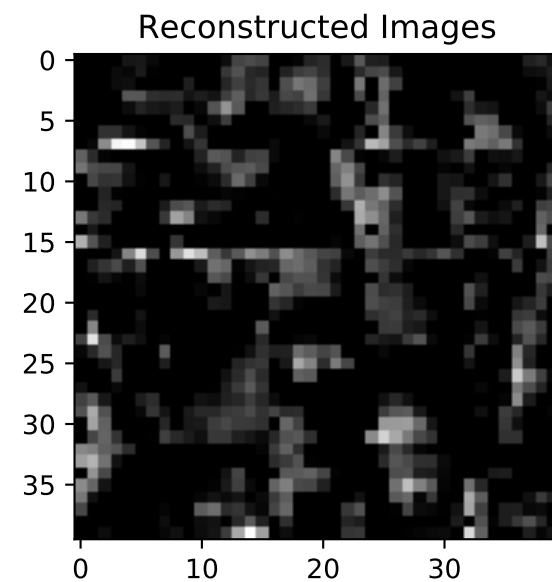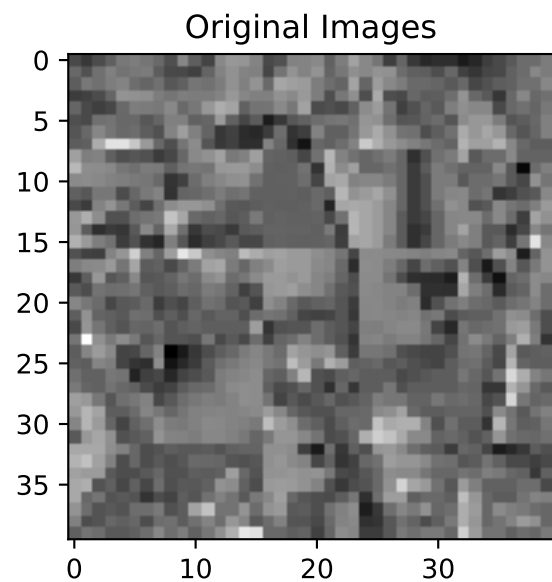Reconstructed Images



Wight Plots
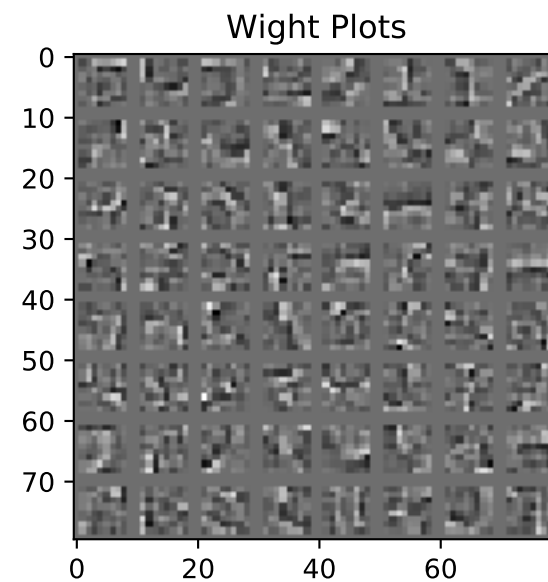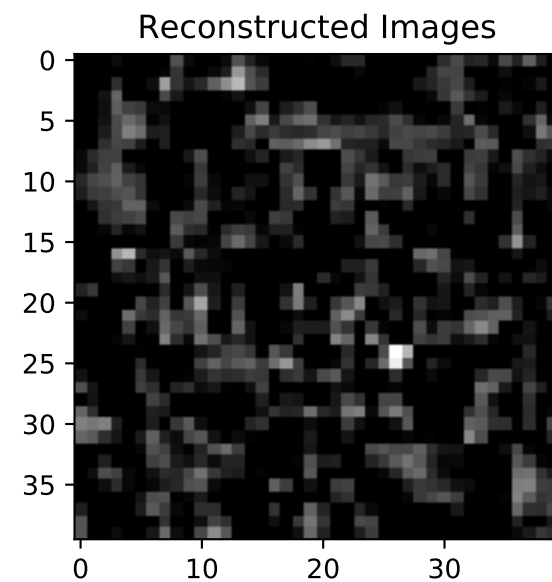
**Trained model : 2**

wscale : 0.001000
learn_rate : 0.000500
batch size : 1000
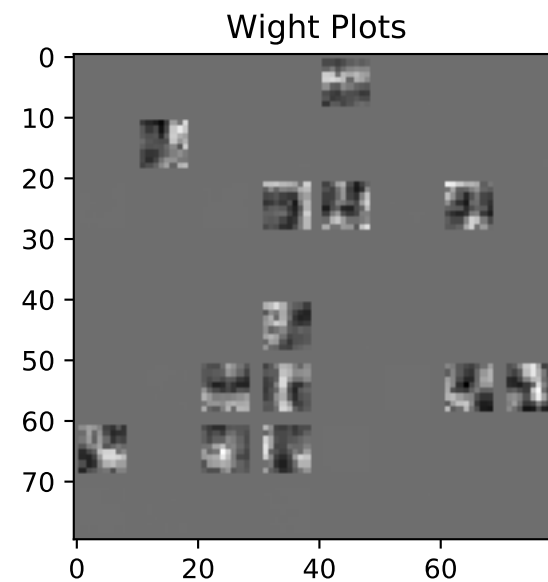beta : 0.001000
loss : 0.009081
msq : 0.009025
sparsity : 0.055499

Original Images

Reconstructed Images

Wight Plots

**Trained model : 3**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.009378**
**msq : 0.008981**
**sparsity : 0.039672**

Original Images
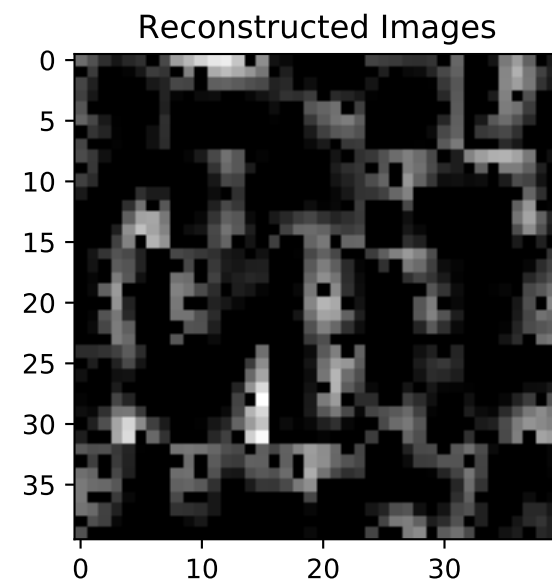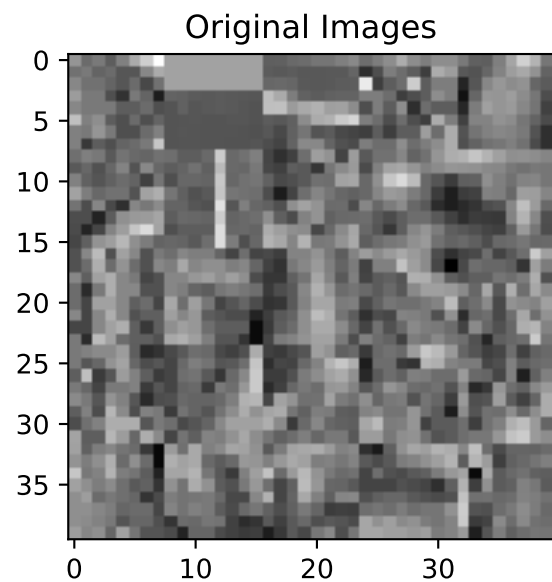
Reconstructed Images

Wight Plots
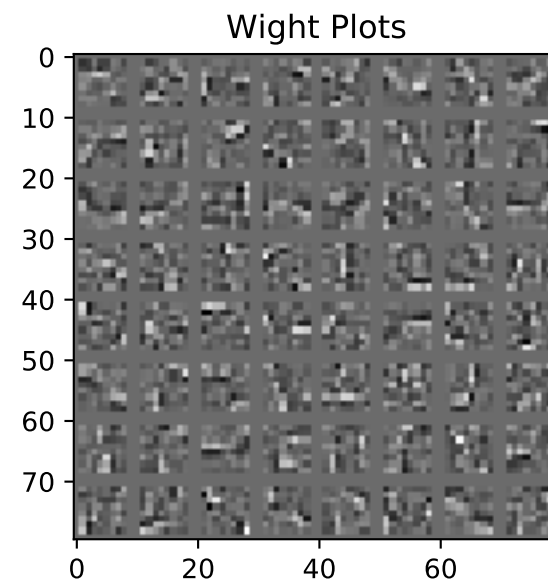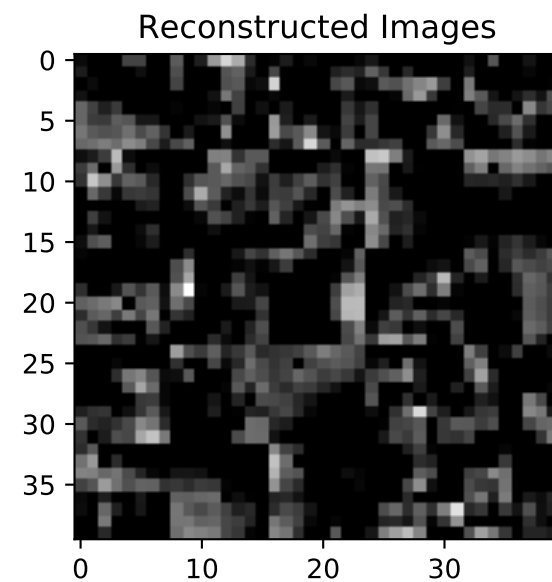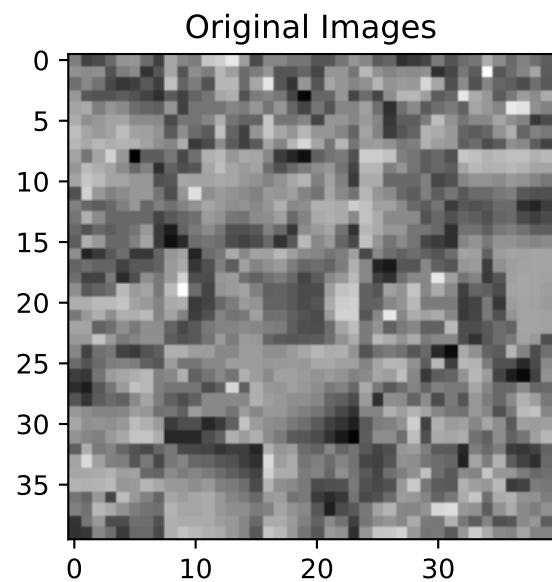
**Trained model : 4**
_____
wscale : 0.001000
learn_rate : 0.000500
batch size : 1000
beta : 0.100000
loss : 0.013125
msq : 0.012460
sparsity : 0.006652

Original Images

Reconstructed Images

Wight Plots

**Trained model : 5**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 1000**
**beta : 1.000000**
**loss : 0.015472**
**msq : 0.015431**
**sparsity : 0.000041**

Original Images

Reconstructed Images

Wight Plots
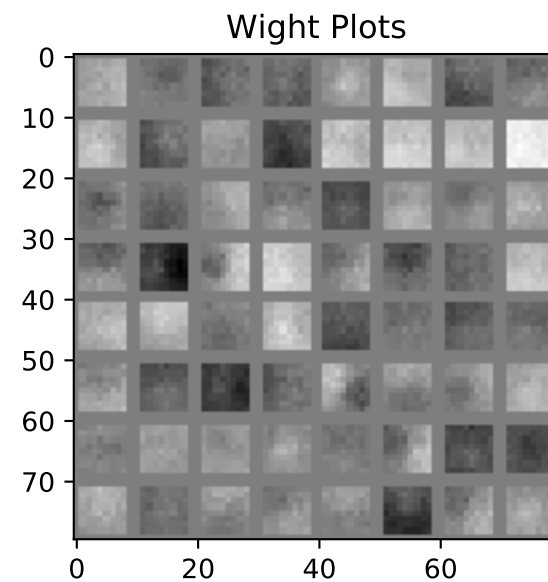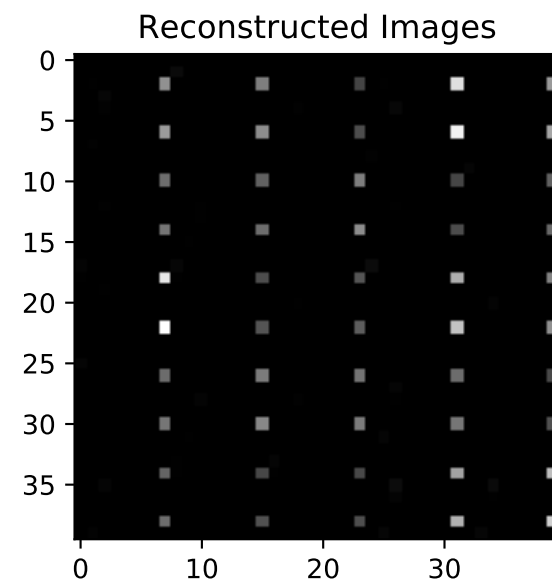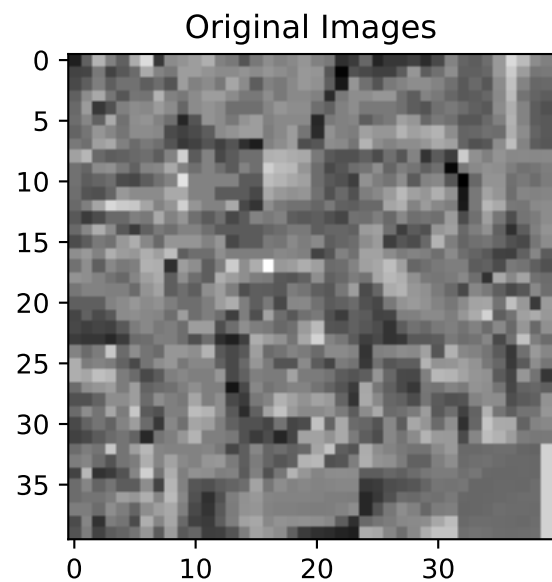
**Trained model : 6**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.008788**
**msq : 0.008782**
**sparsity : 0.059521**

Original Images

Reconstructed Images

Wight Plots
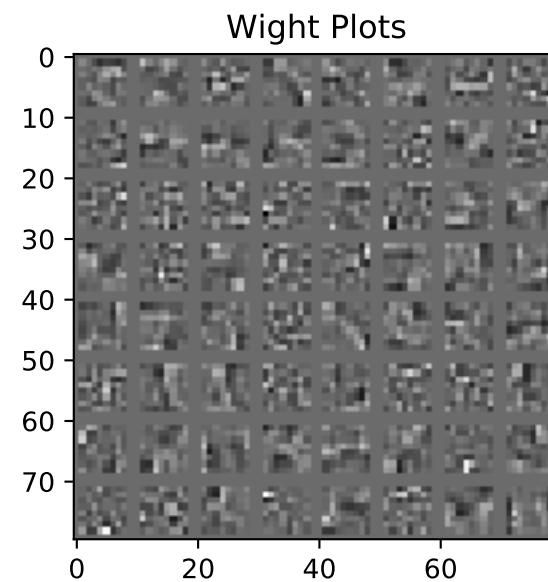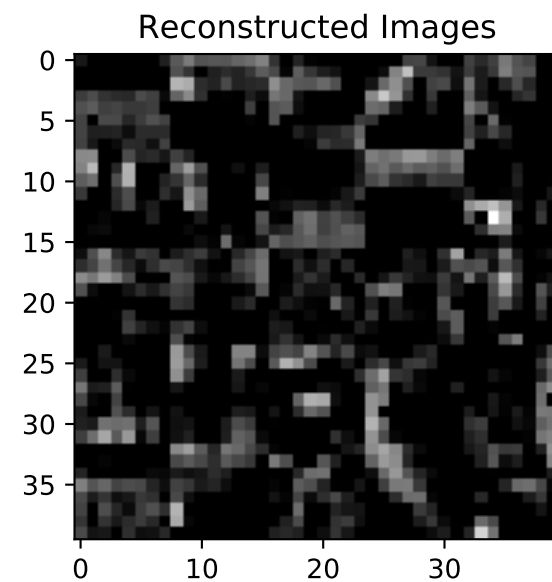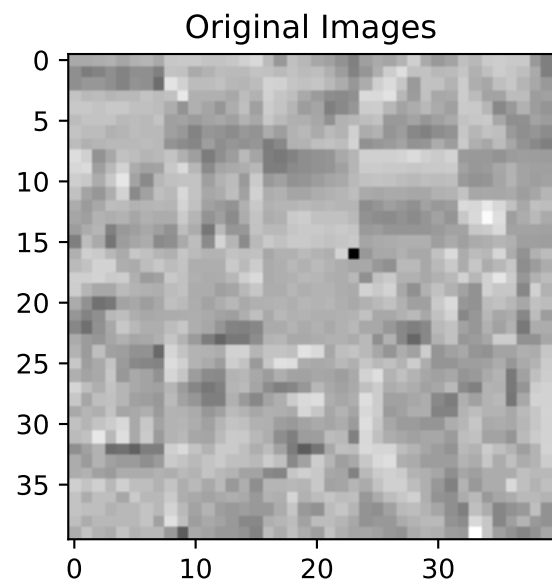
**Trained model : 7**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.008709**
**msq : 0.008656**
**sparsity : 0.052278**



Original Images



Reconstructed Images



Wight Plots
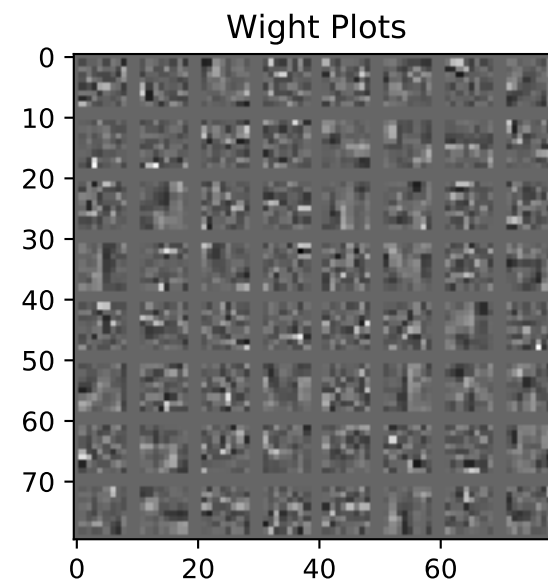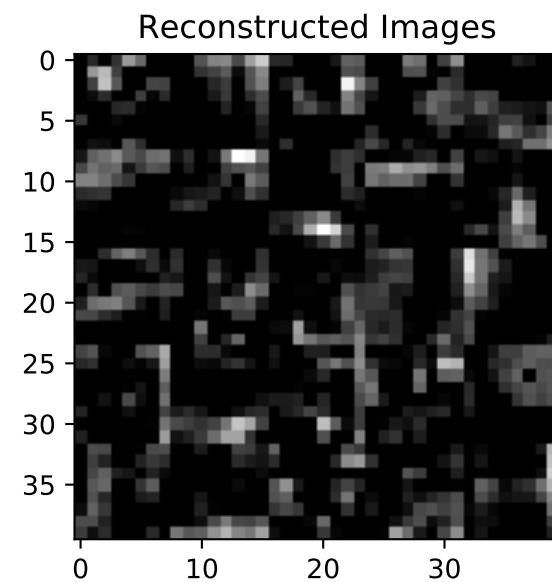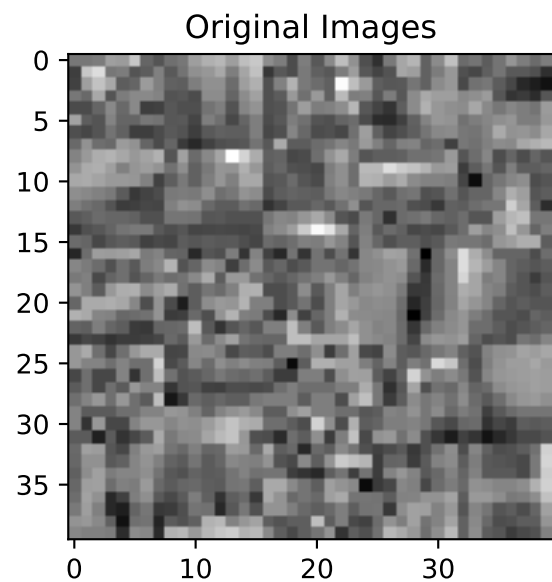
**Trained model : 8**

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**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 0.010000**
**loss : 0.009473**
**msq : 0.009179**
**sparsity : 0.029409**

Original Images

Reconstructed Images

Wight Plots
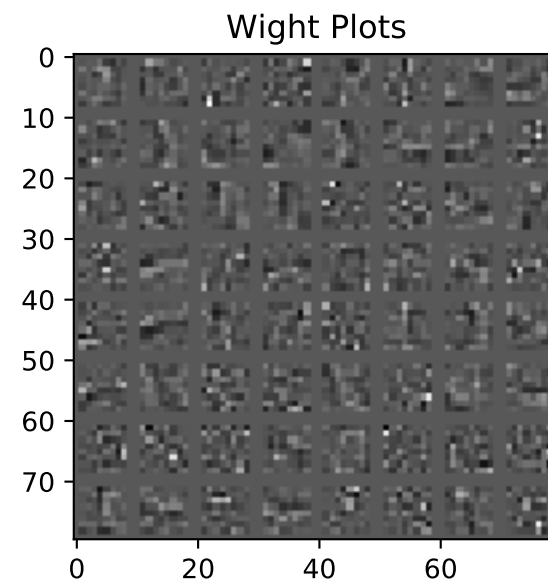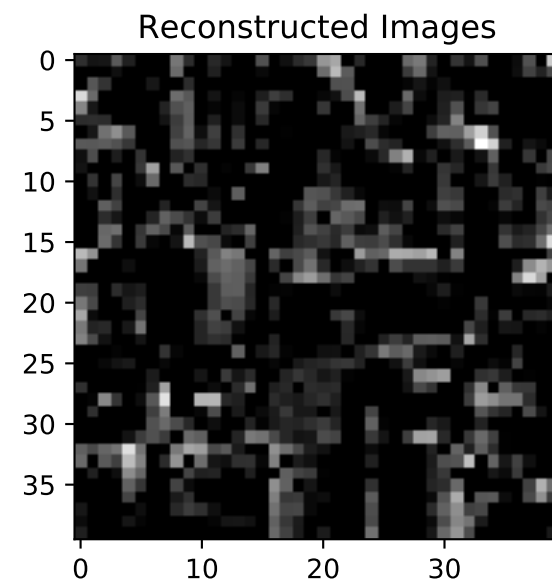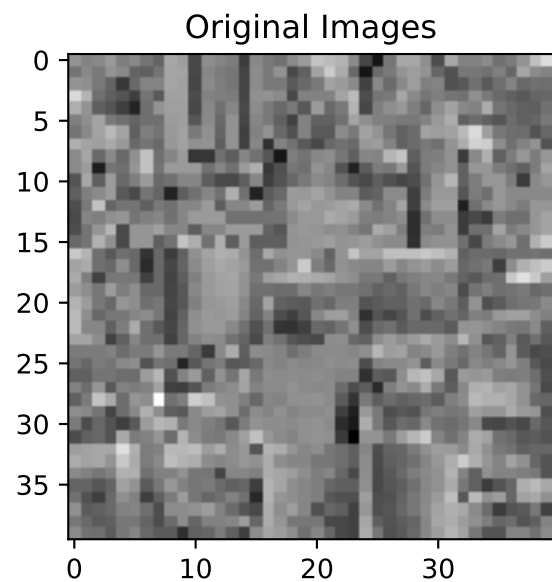
**Trained model : 9**
_____
**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 0.100000**
**loss : 0.011879**
**msq : 0.011210**
**sparsity : 0.006686**

Original Images

Reconstructed Images

Wight Plots
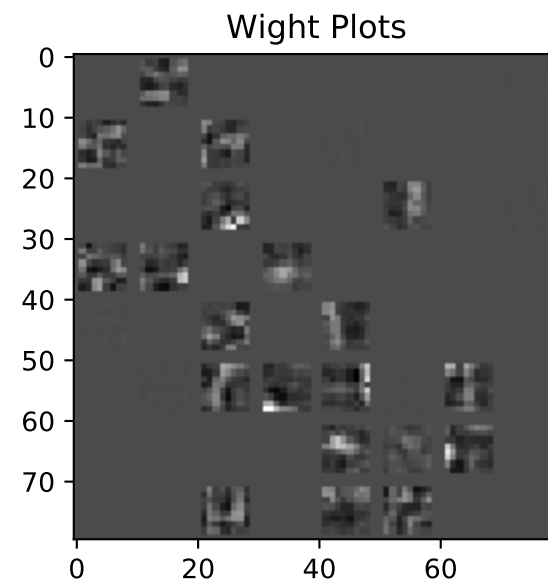
**Trained model : 10**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 1.000000**
**loss : 0.015418**
**msq : 0.015381**
**sparsity : 0.000037**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 11**

wscale : 0.001000
learn_rate : 0.000500
batch size : 3000
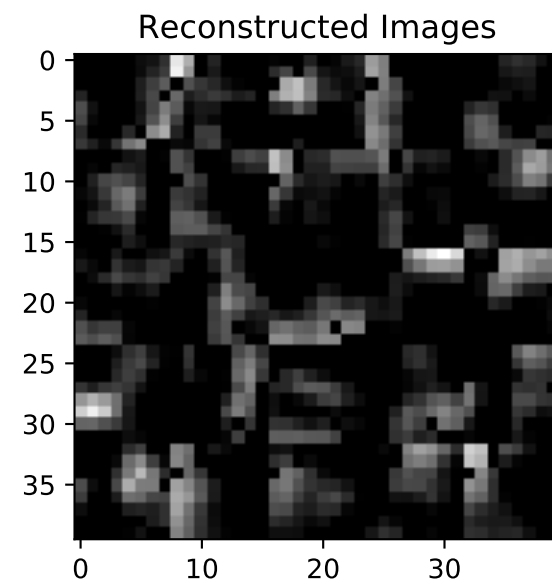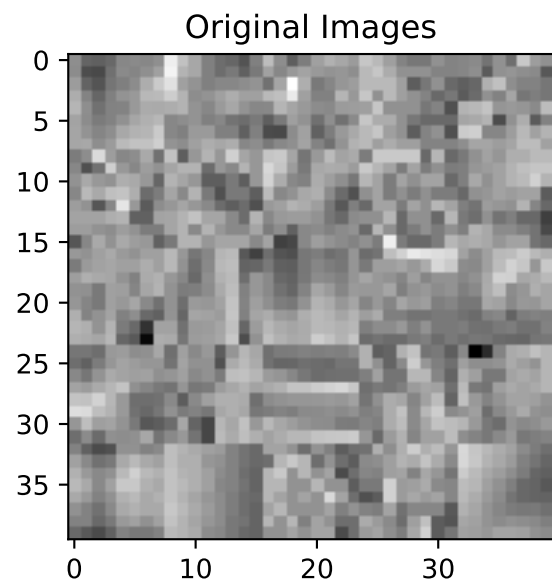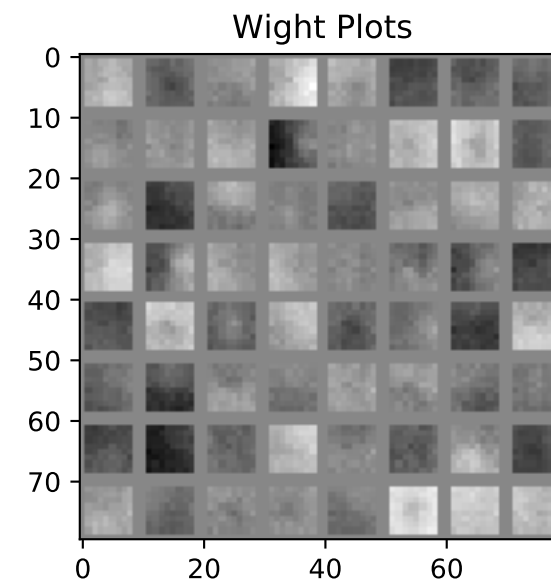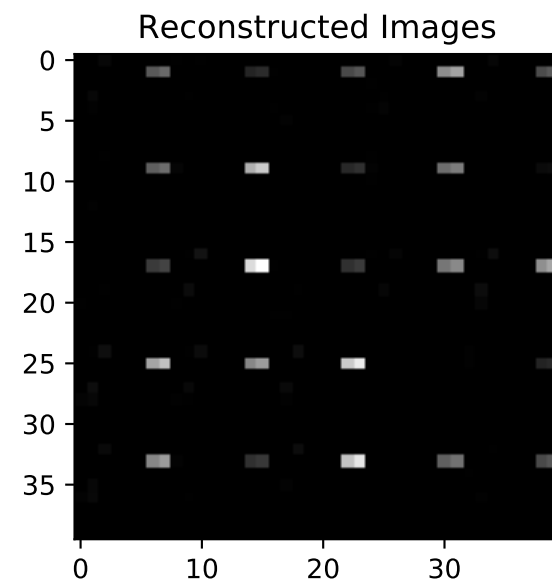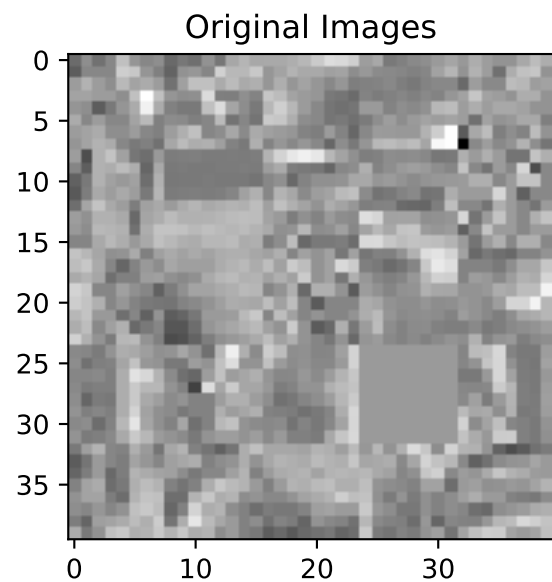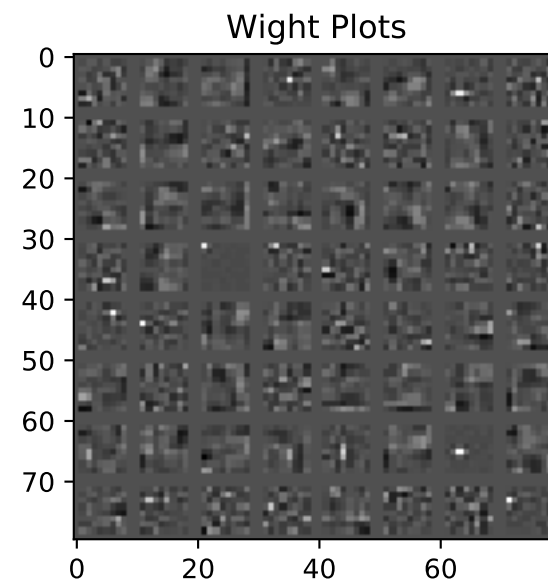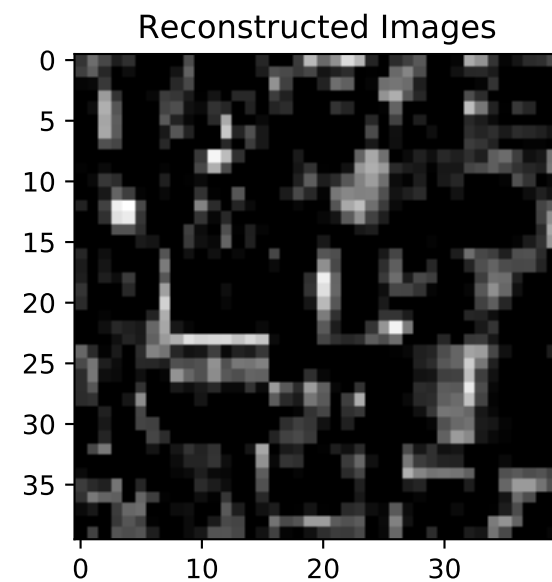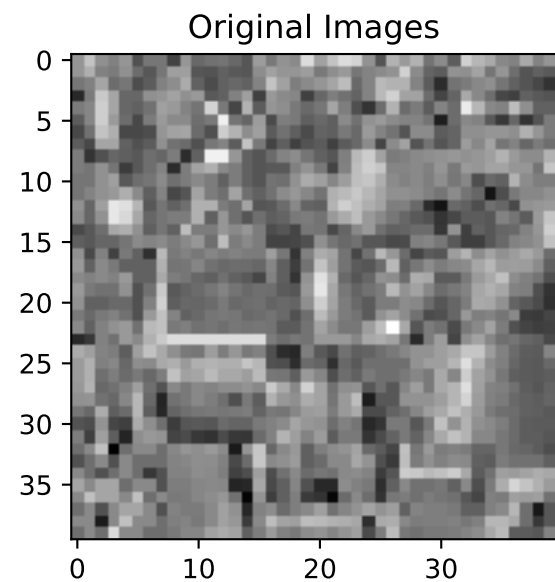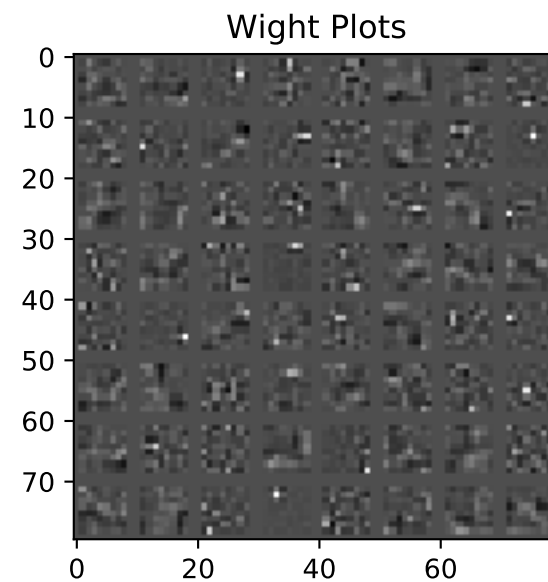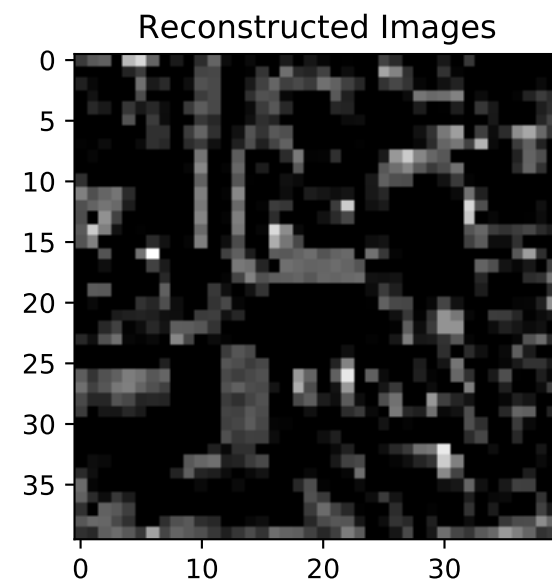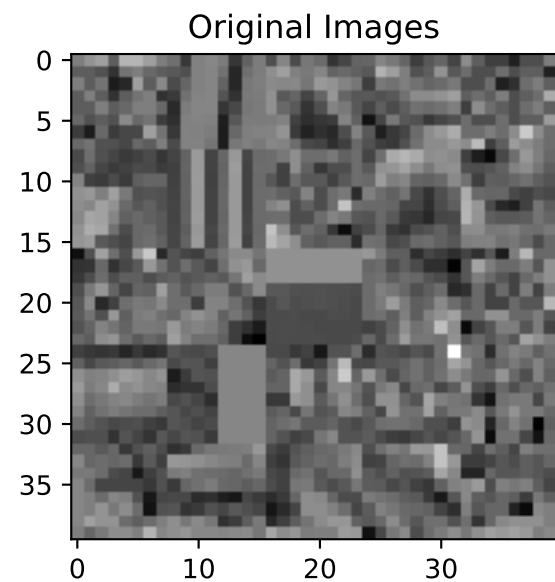beta : 0.000100
loss : 0.008490
msq : 0.008484
sparsity : 0.057828

Original Images

Reconstructed Images

Wight Plots

**Trained model : 12**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 0.001000**
**loss : 0.008831**
**msq : 0.008785**
**sparsity : 0.046898**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 13**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.009083**
**msq : 0.008847**
**sparsity : 0.023656**

Original Images
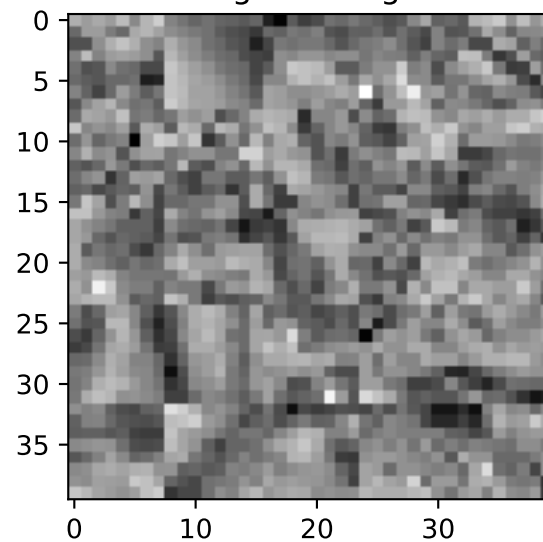
Reconstructed Images
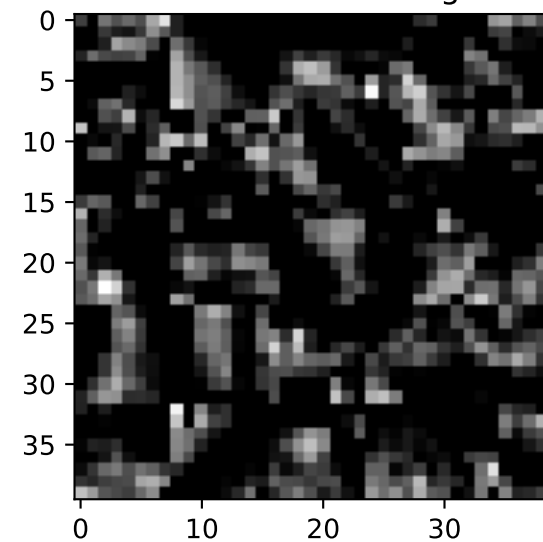
Wight Plots

**Trained model : 14**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 0.100000**
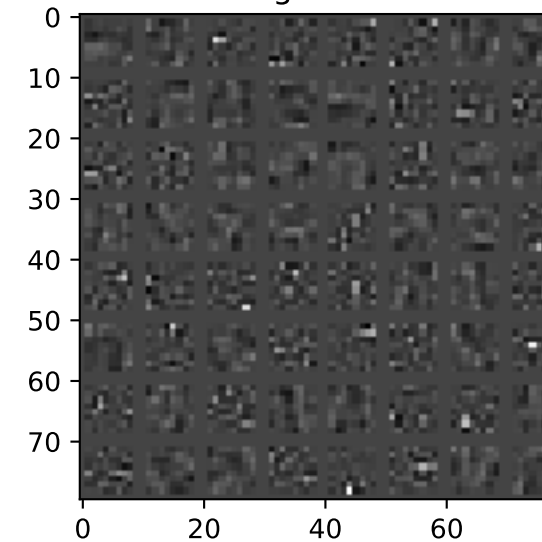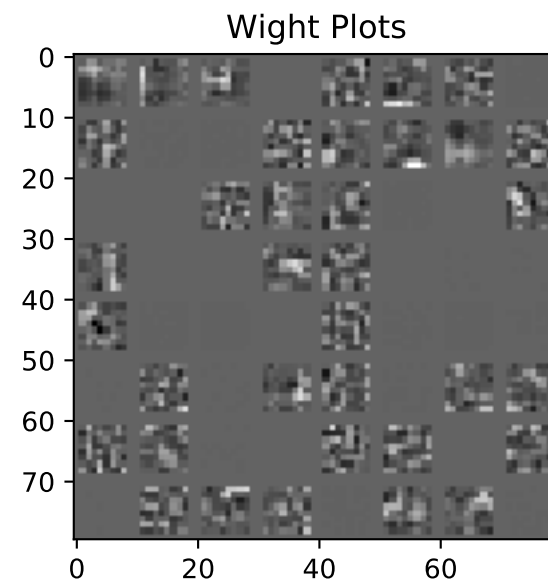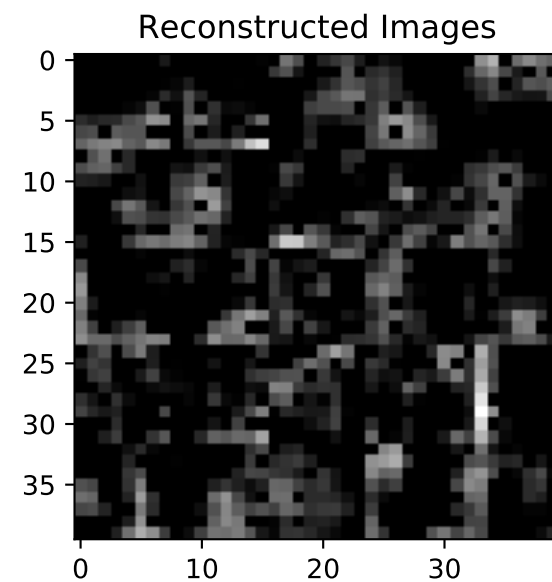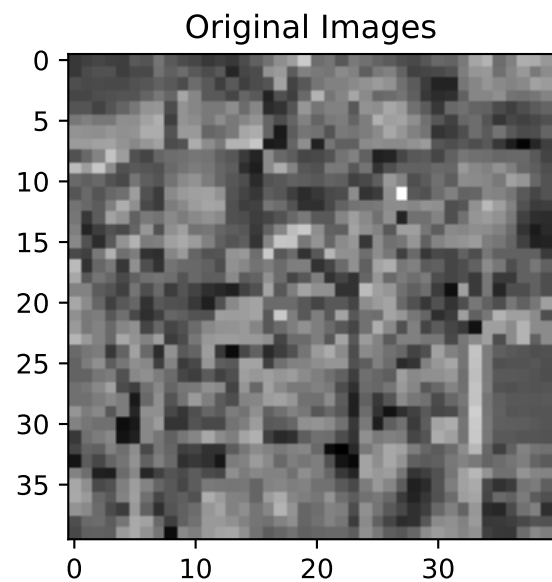**loss : 0.011274**
**msq : 0.010576**
**sparsity : 0.006972**



Original Images



Reconstructed Images



Wight Plots
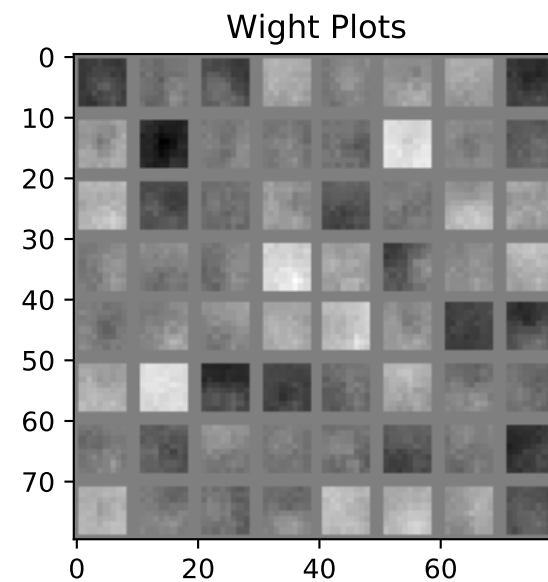
**Trained model : 15**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 1.000000**
**loss : 0.015463**
**msq : 0.015423**
**sparsity : 0.000040**



Original Images

Reconstructed Images

Wight Plots
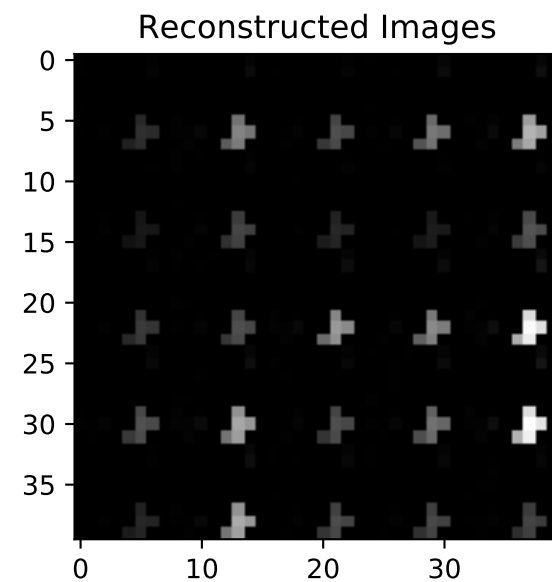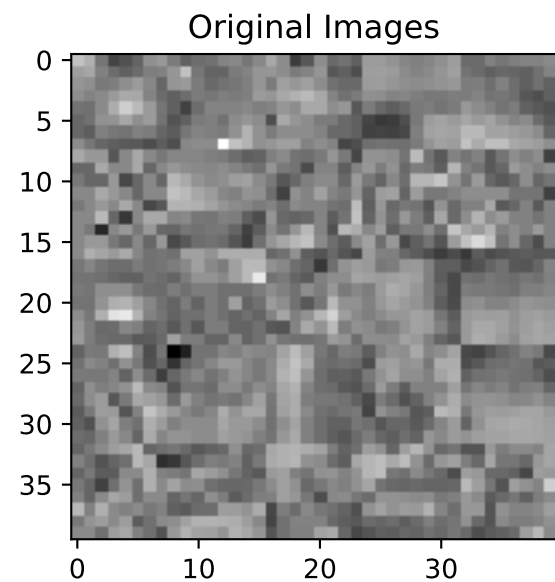
**Trained model : 16**

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**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 0.000100**
**loss : 0.008329**
**msq : 0.008324**
**sparsity : 0.053989**



Original Images

Reconstructed Images

Wight Plots
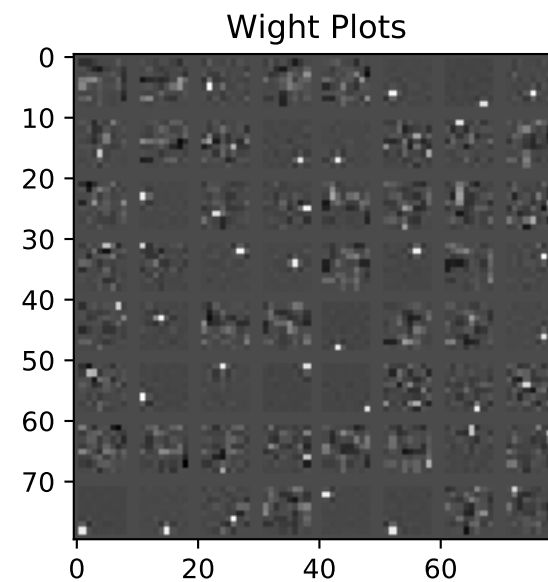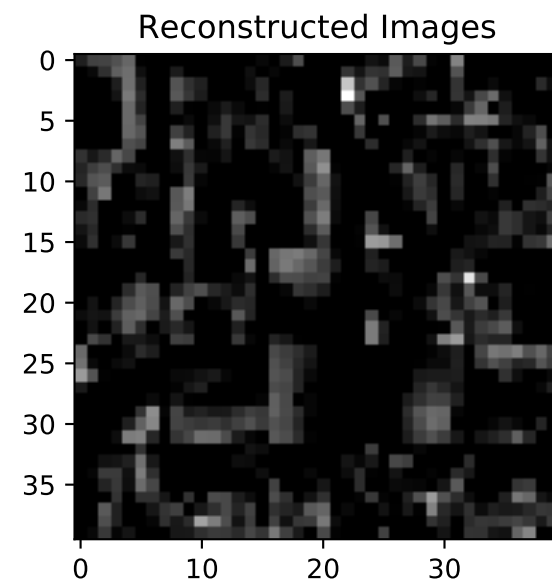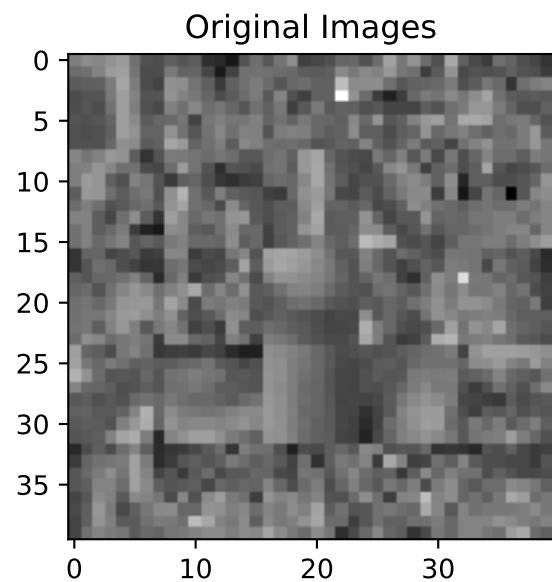
**Trained model : 17**

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**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 0.001000**
**loss : 0.008528**
**msq : 0.008486**
**sparsity : 0.042278**



Original Images

Reconstructed Images

Wight Plots
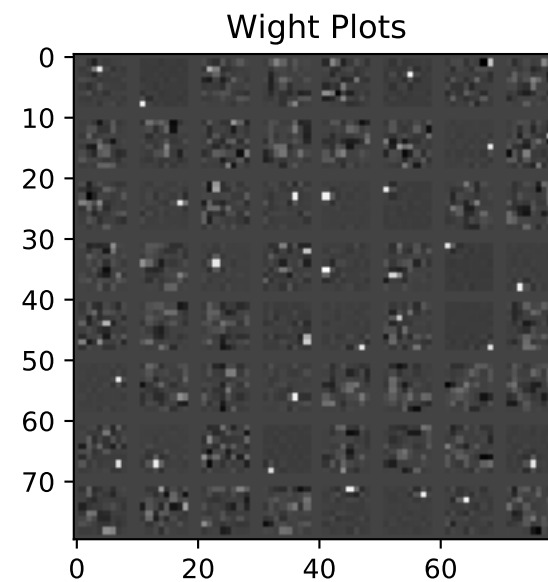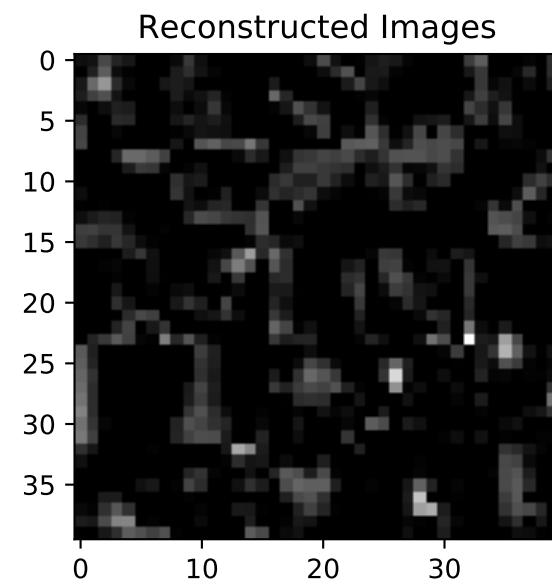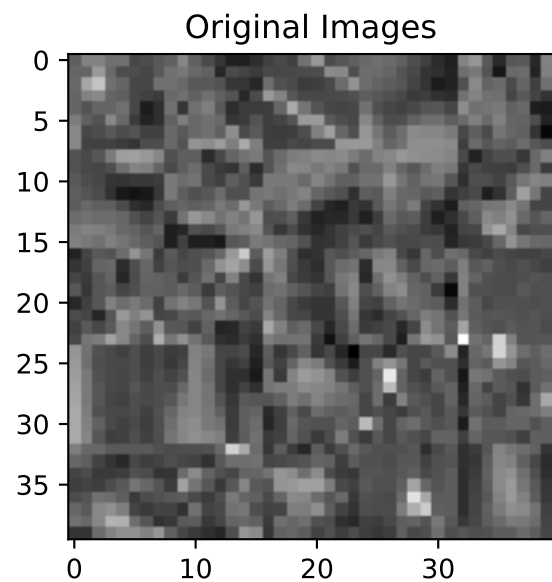
**Trained model : 18**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.009048**
**msq : 0.008840**
**sparsity : 0.020851**



Original Images



Reconstructed Images



Wight Plots
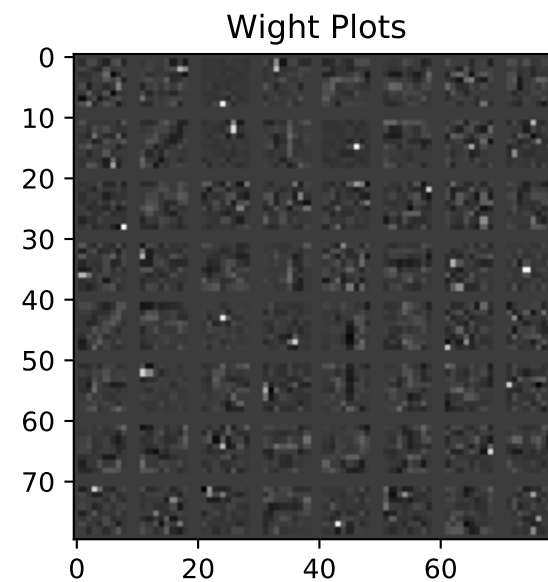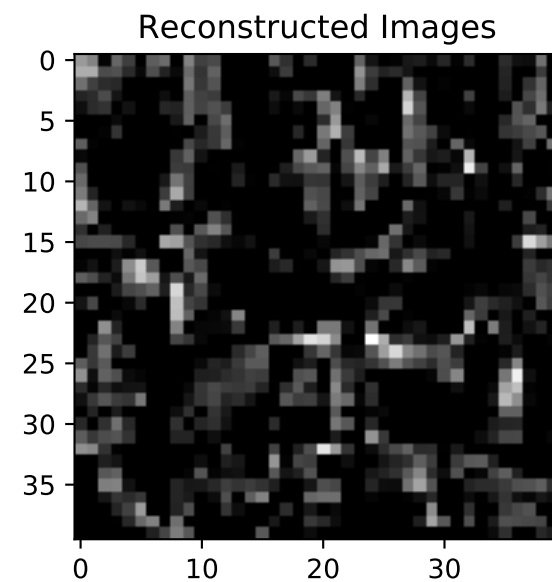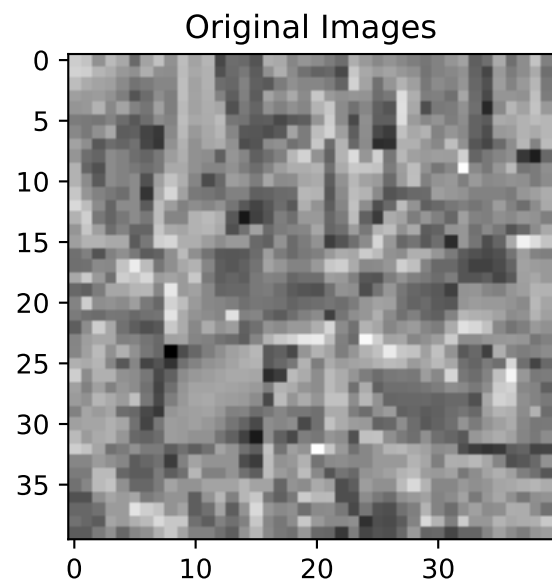
**Trained model : 19**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 0.100000**
**loss : 0.010443**
**msq : 0.009685**
**sparsity : 0.007580**



Original Images



Reconstructed Images



Wight Plots
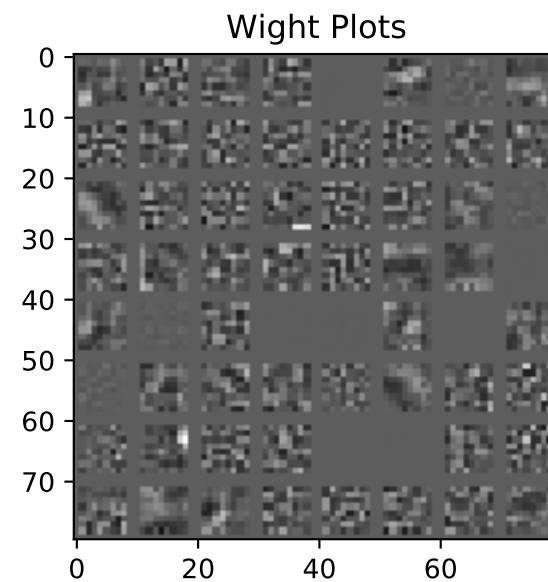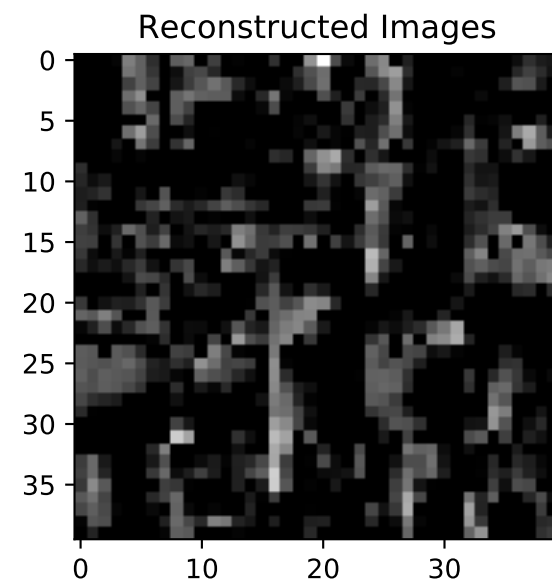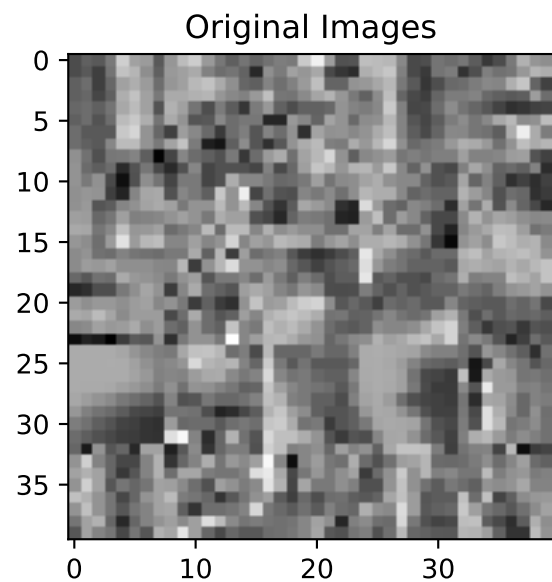
**Trained model : 20**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 1.000000**
**loss : 0.015449**
**msq : 0.015411**
**sparsity : 0.000038**



Original Images



Reconstructed Images



Wight Plots
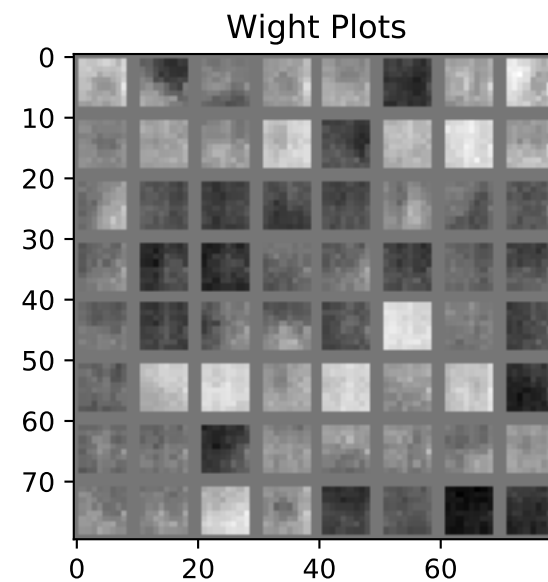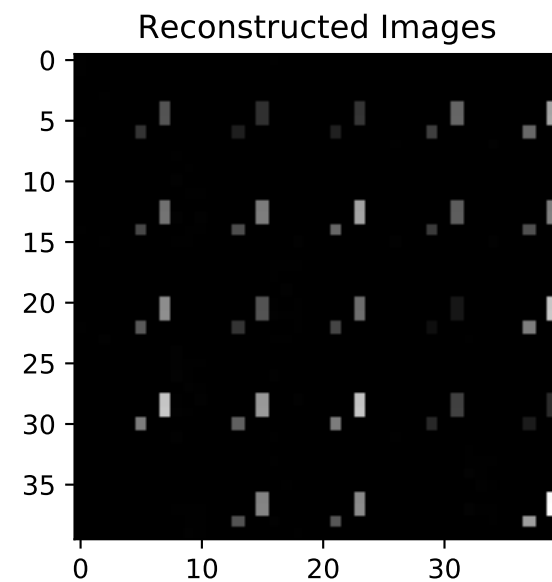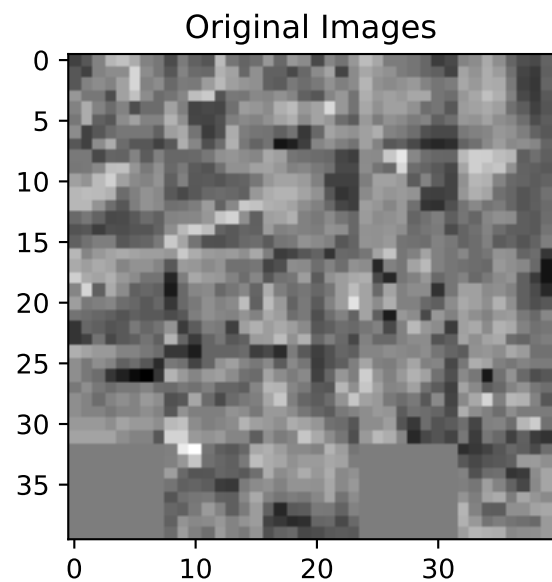
**Trained model : 21**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 0.000100**
**loss : 0.008420**
**msq : 0.008415**
**sparsity : 0.051679**



Original Images

Reconstructed Images

Wight Plots
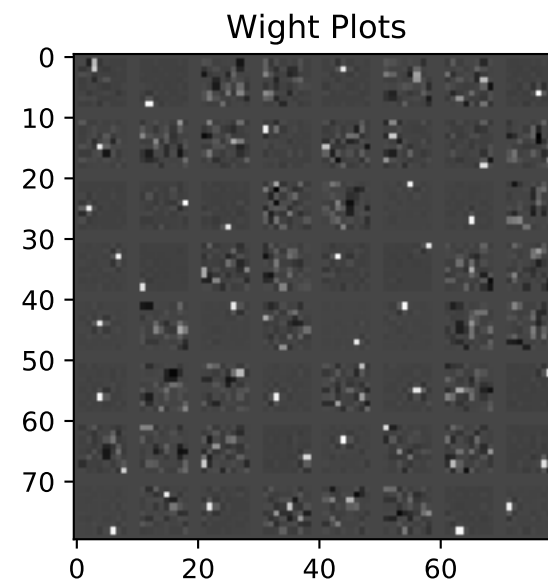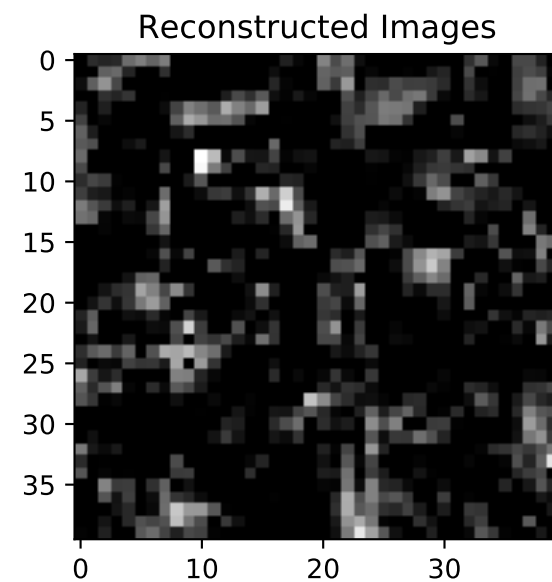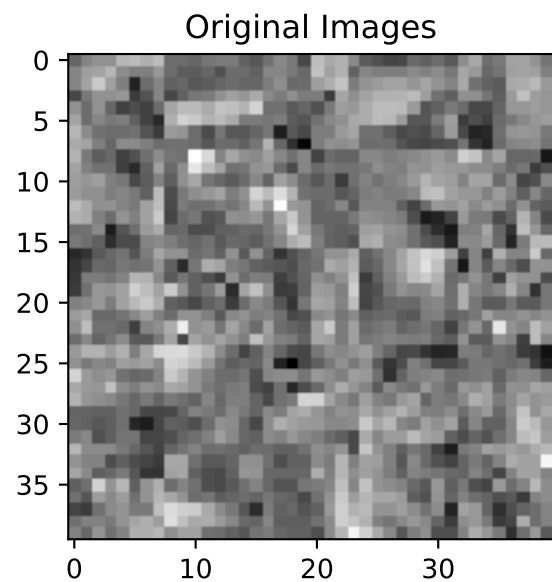
**Trained model : 22**

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**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.007989**
**msq : 0.007950**
**sparsity : 0.038918**



Original Images



Reconstructed Images



Wight Plots
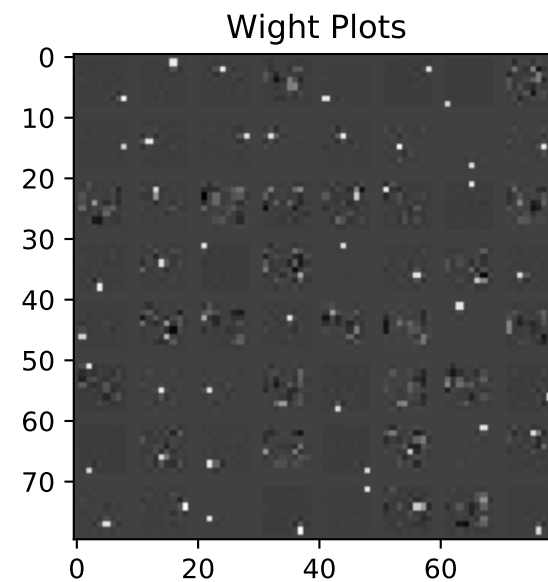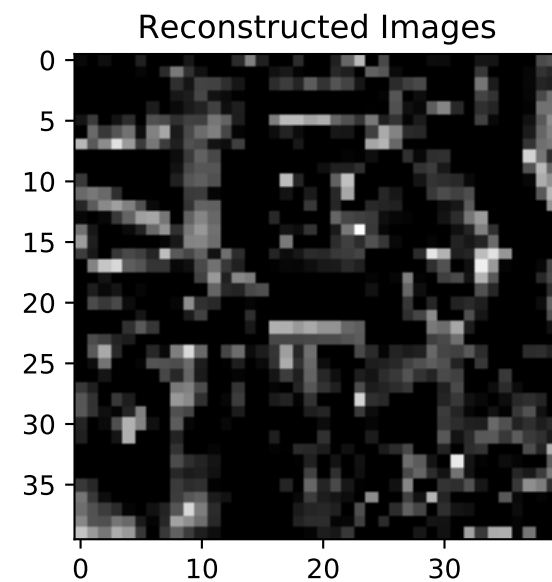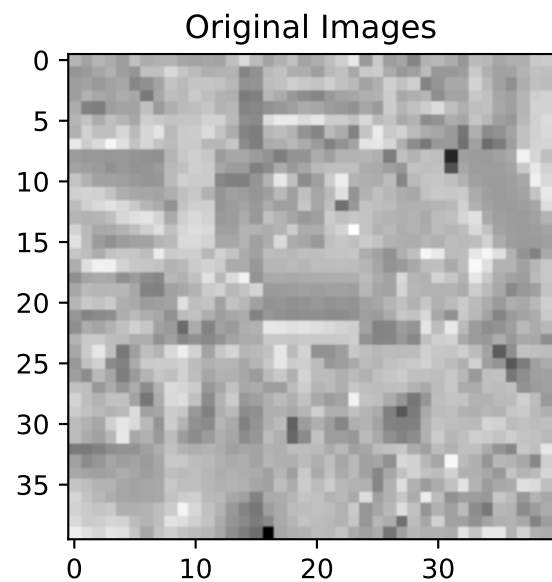
**Trained model : 23**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.008462**
**msq : 0.008269**
**sparsity : 0.019260**



Original Images



Reconstructed Images



Wight Plots
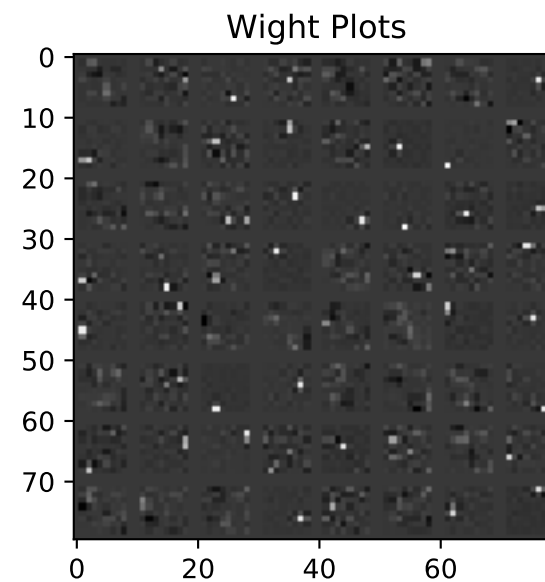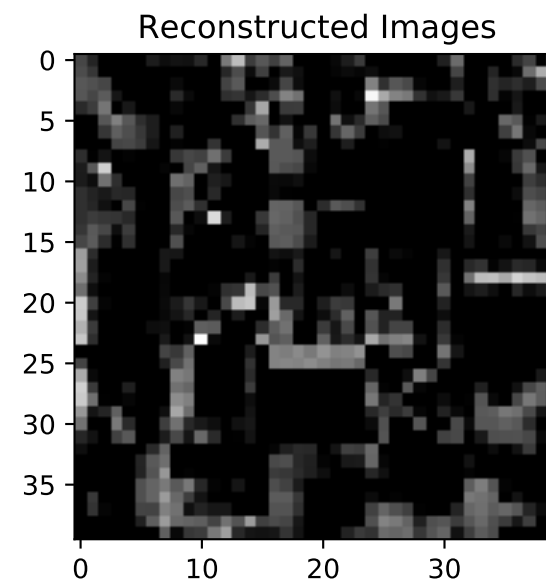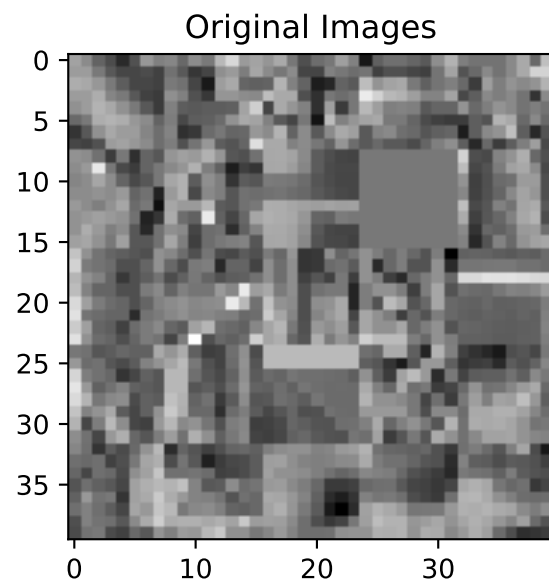
**Trained model : 24**

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**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 0.100000**
**loss : 0.009862**
**msq : 0.009135**
**sparsity : 0.007271**

Original Images

Reconstructed Images

Wight Plots
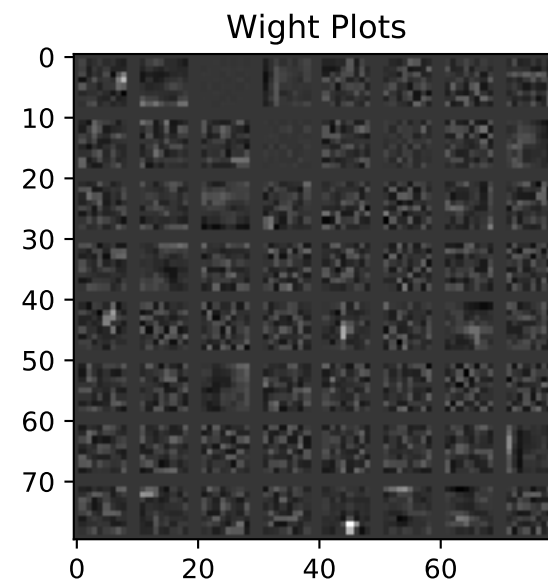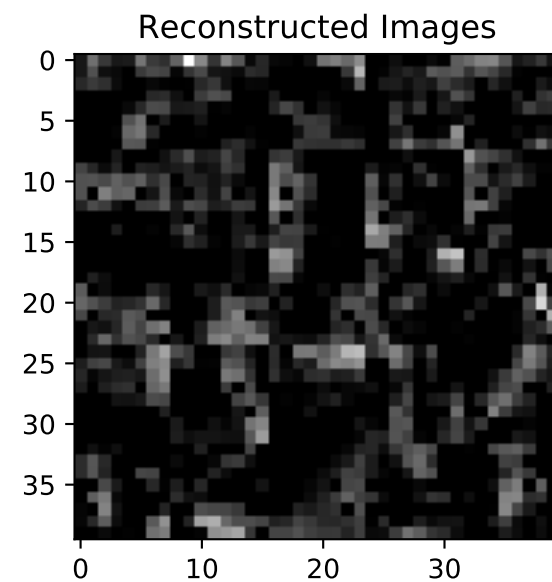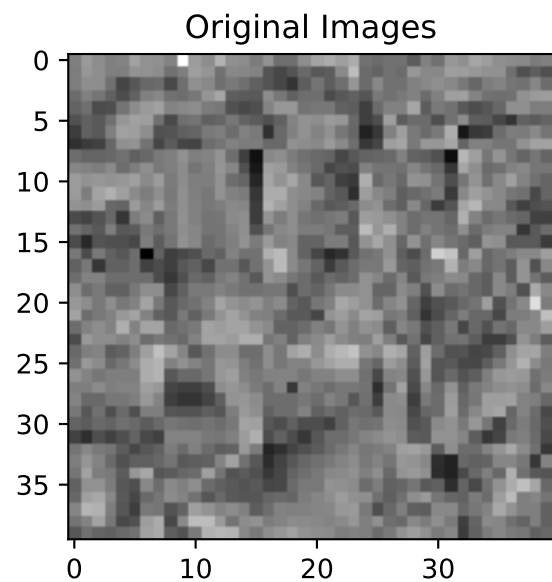
**Trained model : 25**

_____

**wscale : 0.001000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.014883**
**msq : 0.014304**
**sparsity : 0.000579**



Original Images



Reconstructed Images



Wight Plots
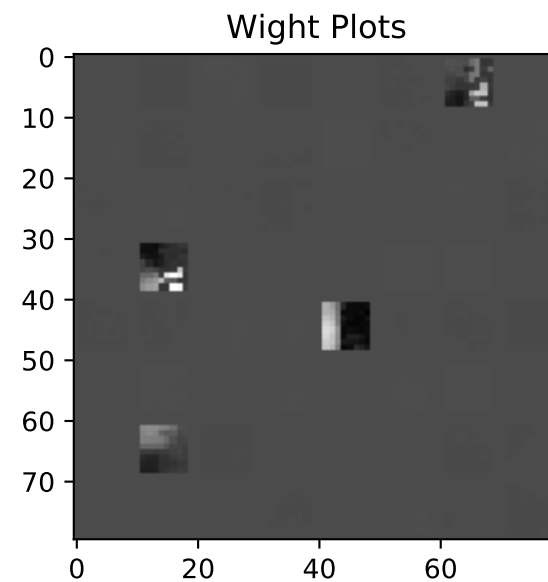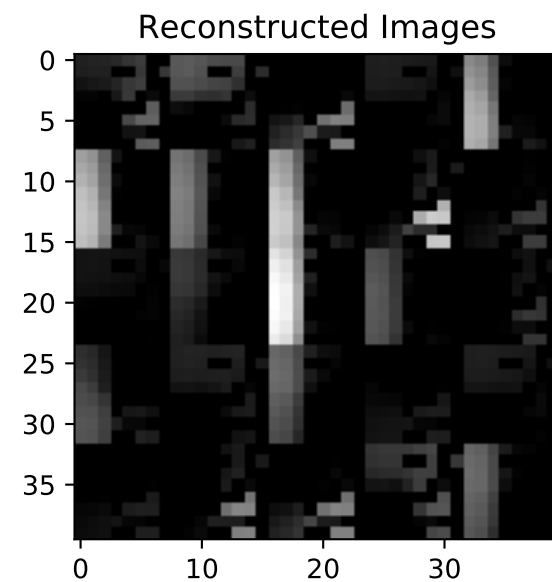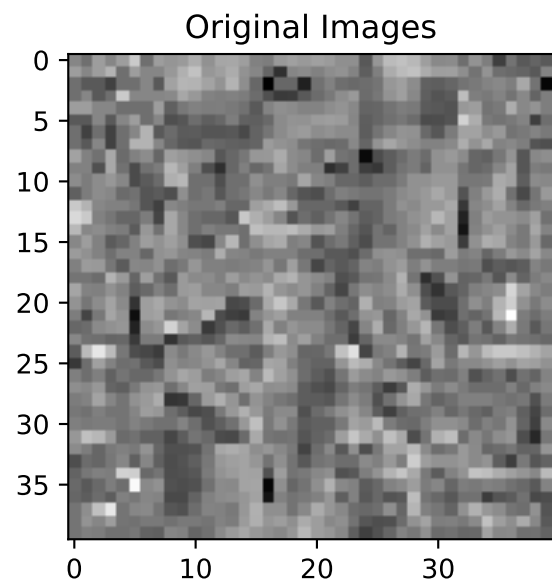
**Trained model : 26**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 0.000100**
**loss : 0.008040**
**msq : 0.008035**
**sparsity : 0.051075**



Original Images



Reconstructed Images



Wight Plots
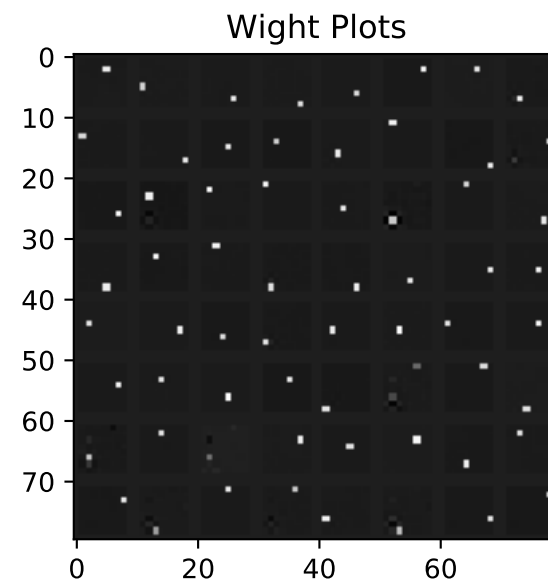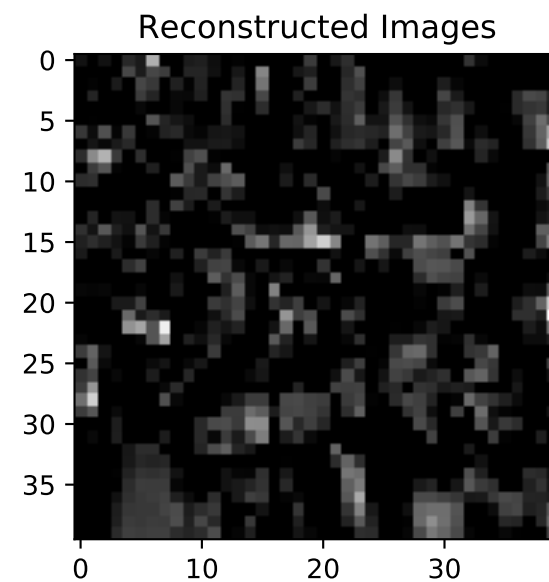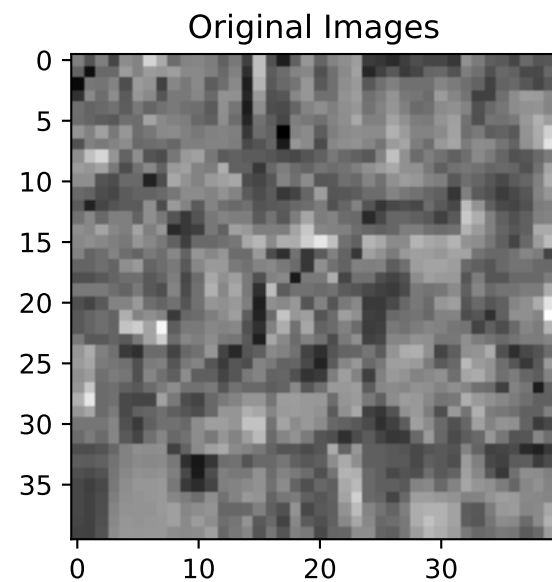
**Trained model : 27**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 0.001000**
**loss : 0.008926**
**msq : 0.008893**
**sparsity : 0.032668**



Original Images



Reconstructed Images



Wight Plots
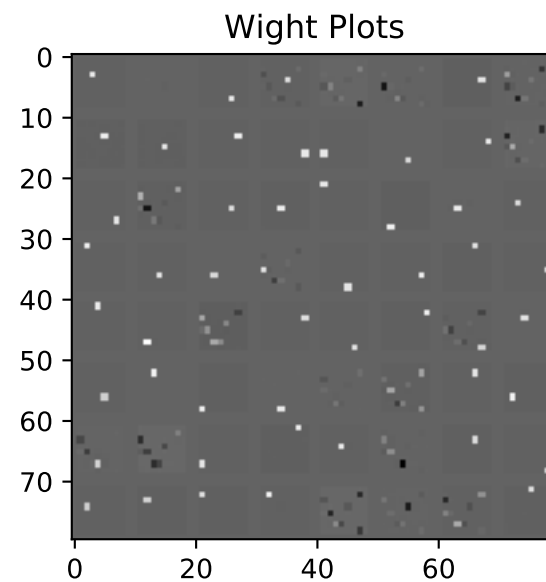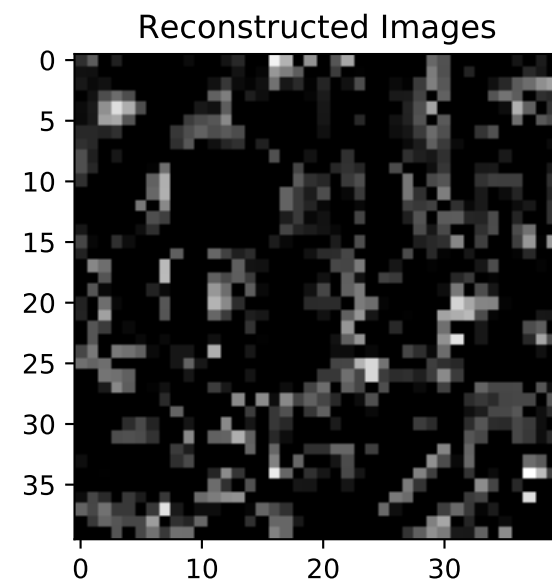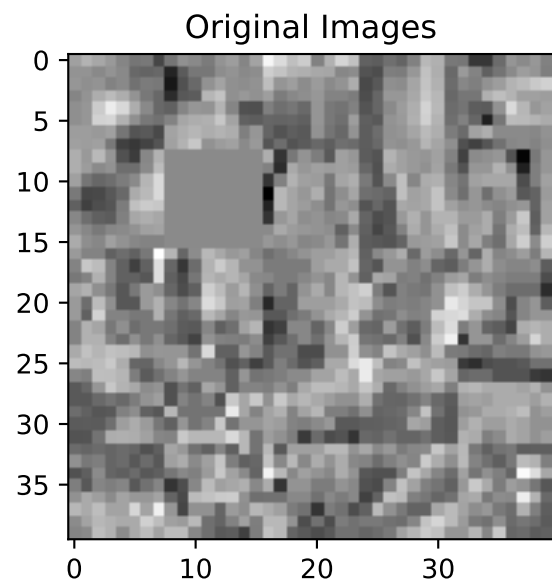
**Trained model : 28**

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**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.013621**
**msq : 0.013575**
**sparsity : 0.004604**



Original Images



Reconstructed Images



Wight Plots
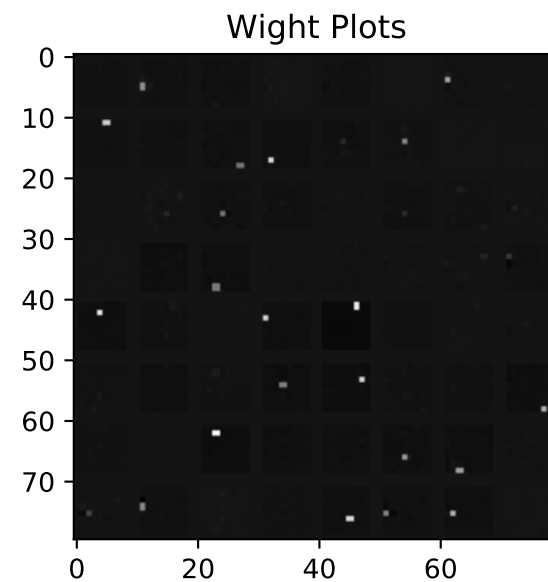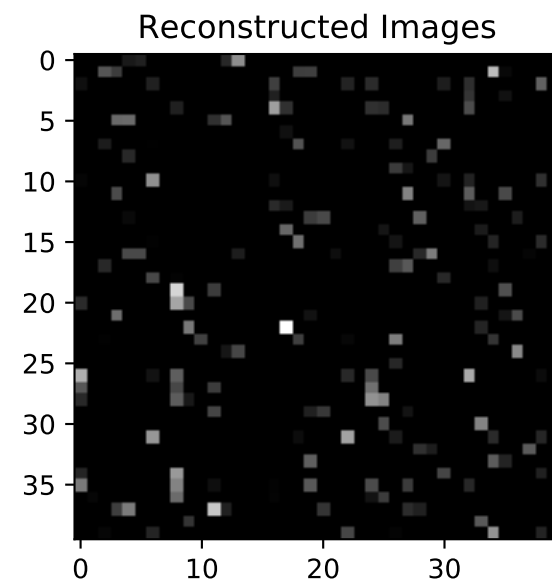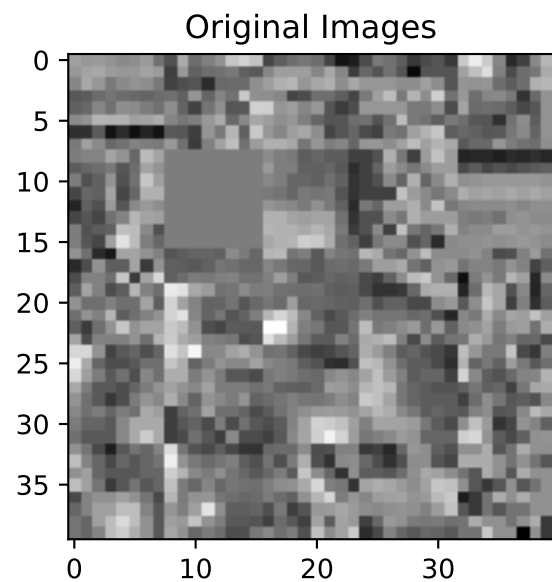
**Trained model : 29**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 0.100000**
**loss : 0.013658**
**msq : 0.013408**
**sparsity : 0.002495**



Original Images



Reconstructed Images



Wight Plots
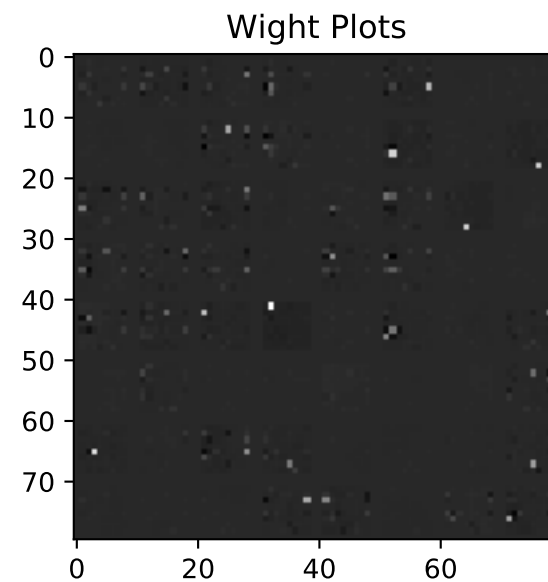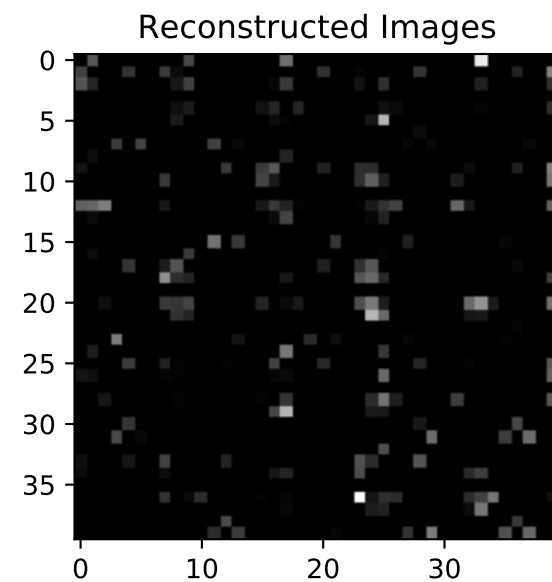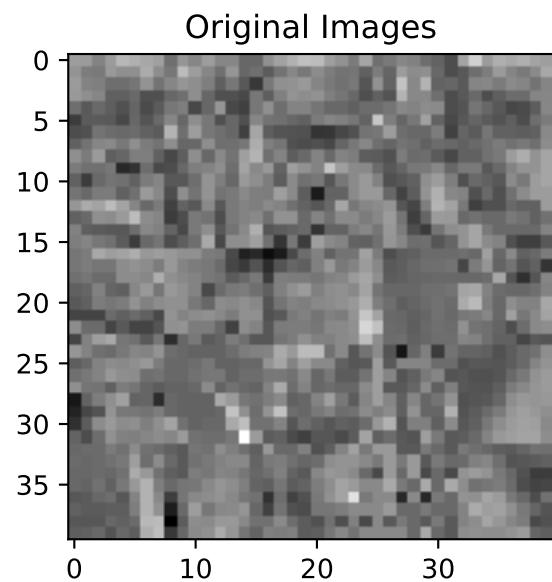
**Trained model : 30**

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**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 1.000000**
**loss : 0.015643**
**msq : 0.015285**
**sparsity : 0.000359**



Original Images



Reconstructed Images



Wight Plots
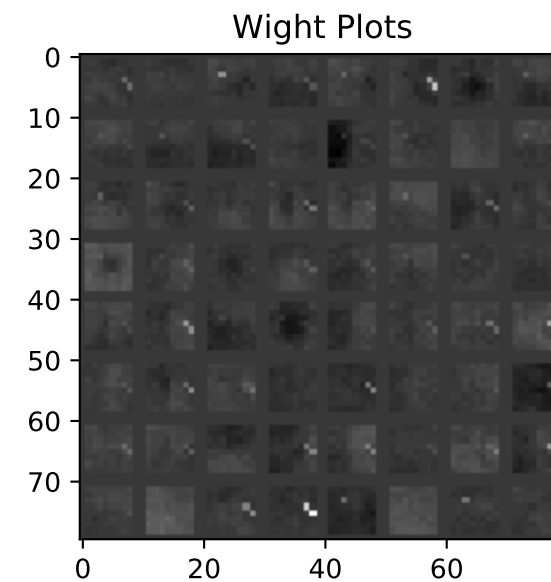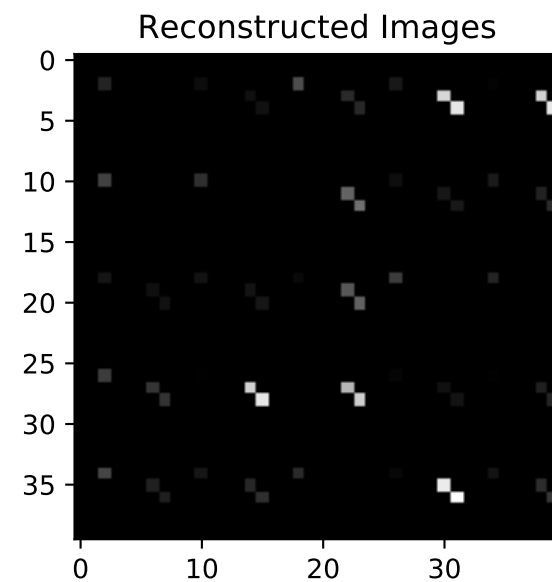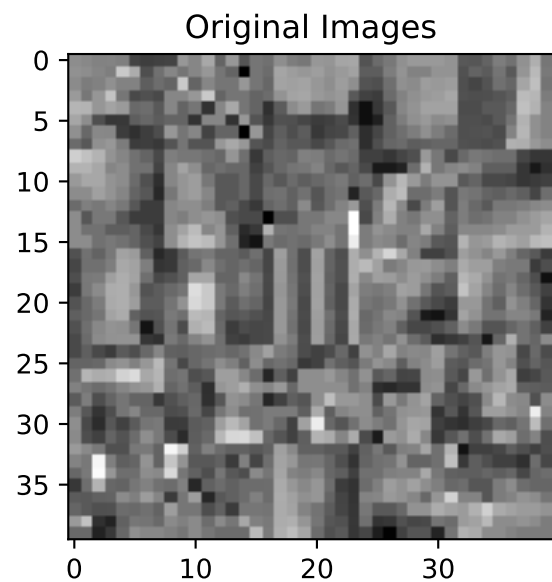
**Trained model : 31**
_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.008306**
**msq : 0.008302**
**sparsity : 0.042966**



Original Images

Reconstructed Images

Wight Plots
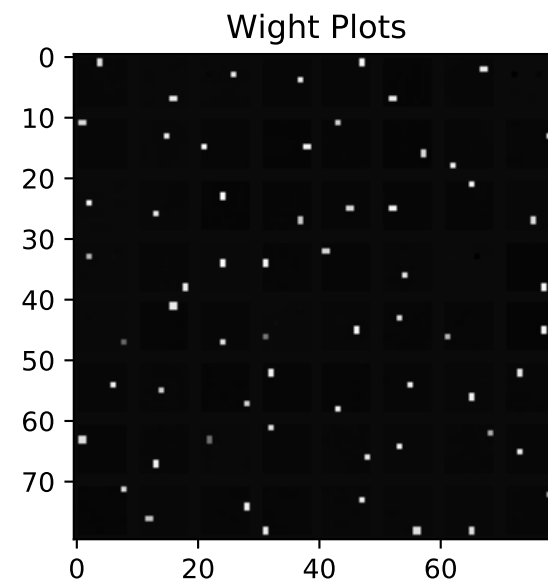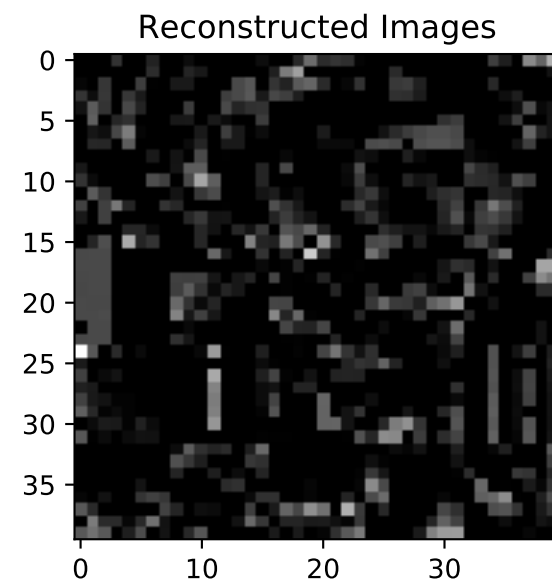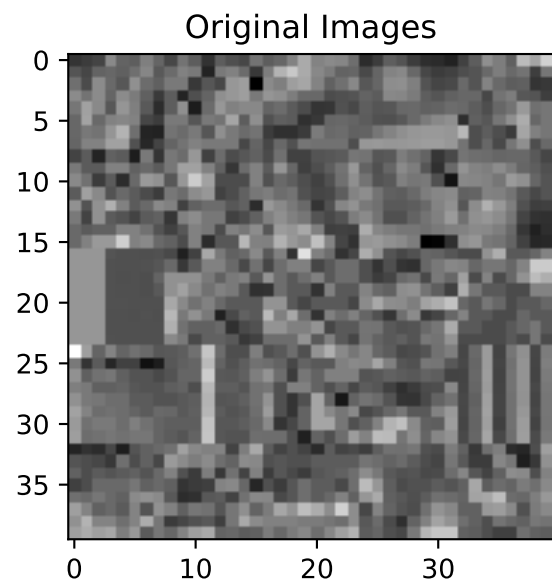
**Trained model : 32**

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**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.009337**
**msq : 0.009314**
**sparsity : 0.022661**



Original Images



Reconstructed Images



Wight Plots
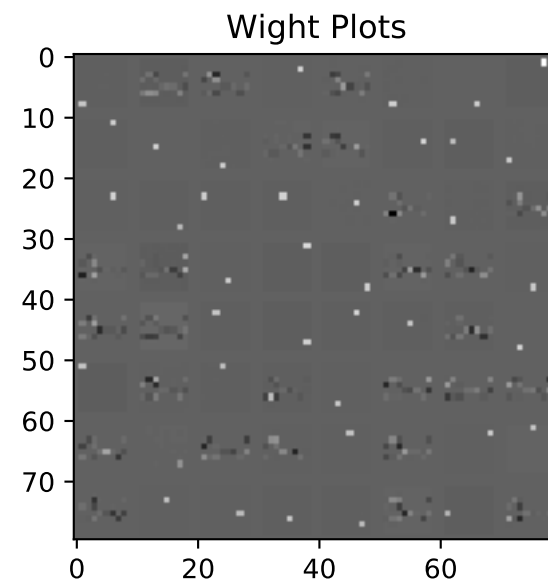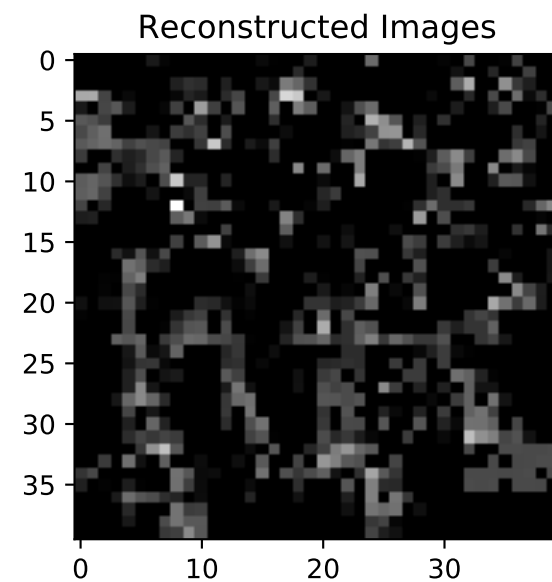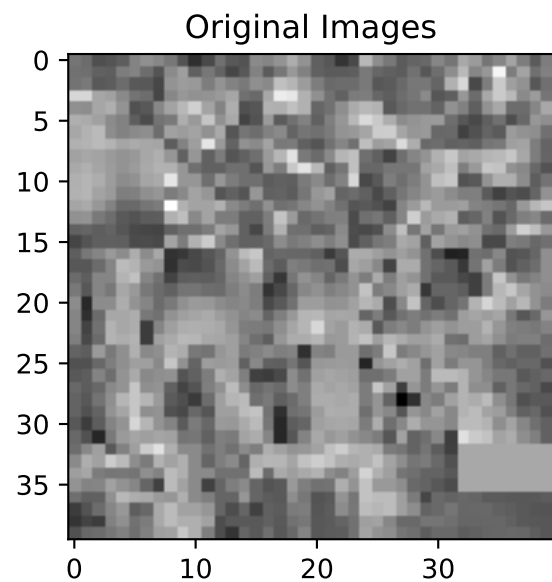
**Trained model : 33**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 0.010000**
**loss : 0.013206**
**msq : 0.013157**
**sparsity : 0.004932**



Original Images



Reconstructed Images



Wight Plots
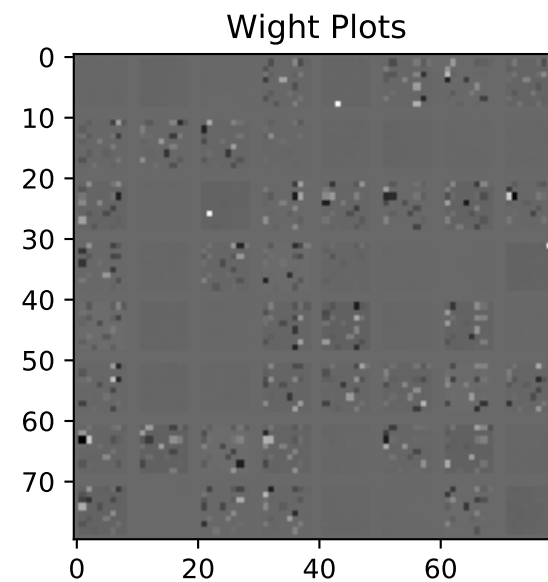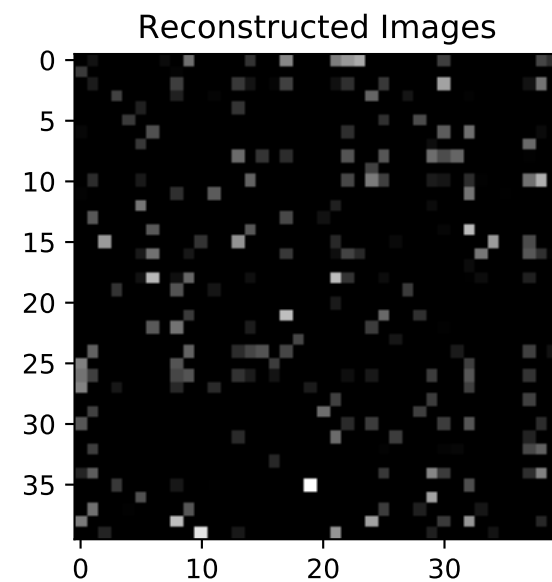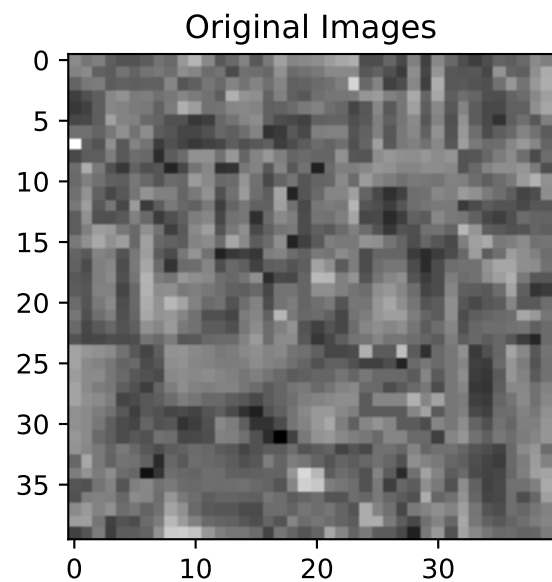
**Trained model : 34**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 0.100000**
**loss : 0.013422**
**msq : 0.013238**
**sparsity : 0.001849**



Original Images



Reconstructed Images



Wight Plots
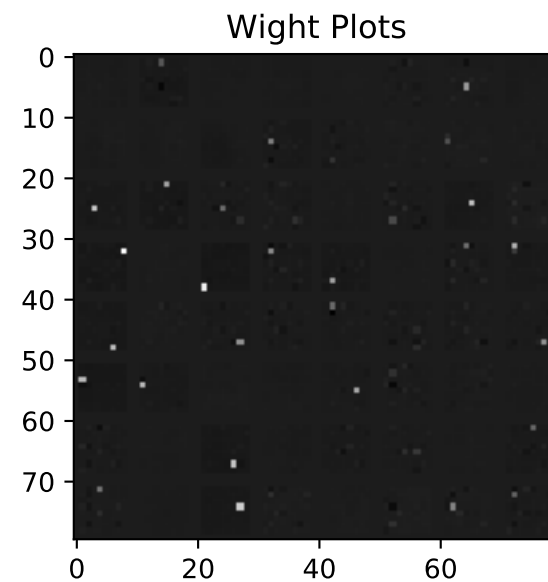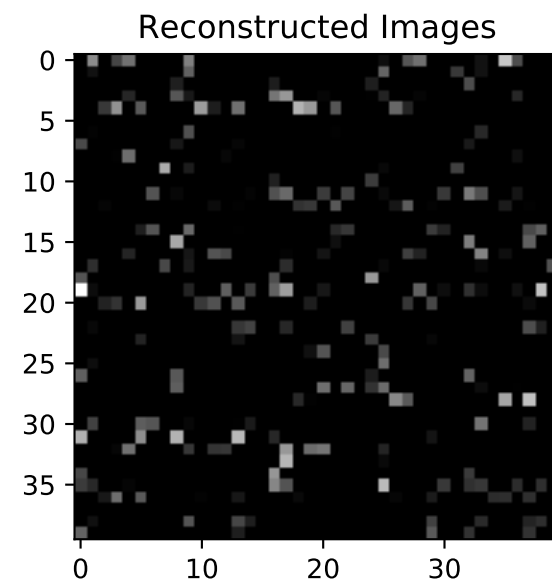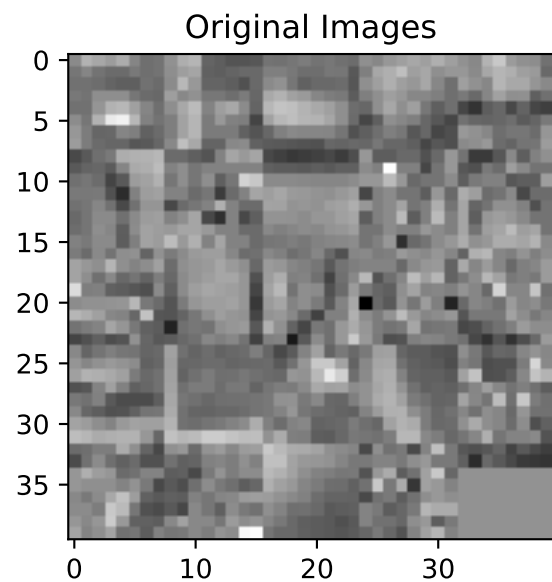
**Trained model : 35**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 1.000000**
**loss : 0.015030**
**msq : 0.014412**
**sparsity : 0.000619**



Original Images



Reconstructed Images



Wight Plots
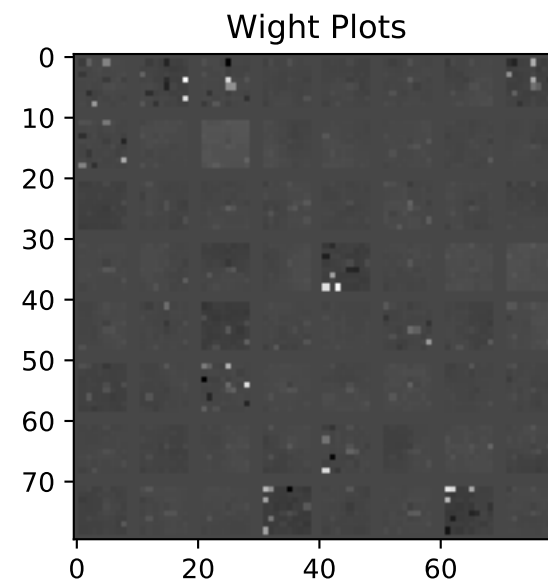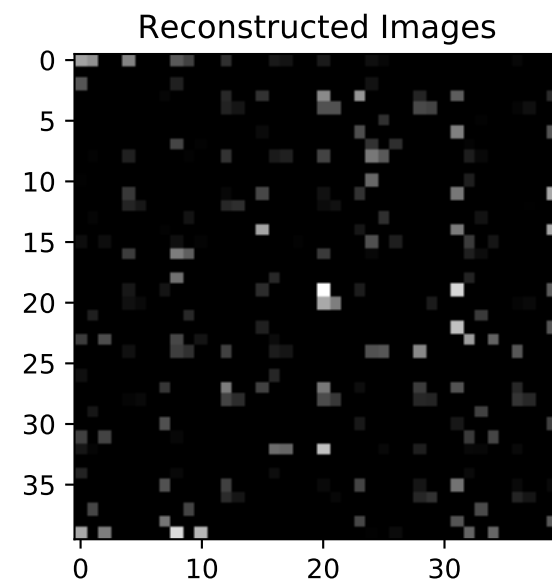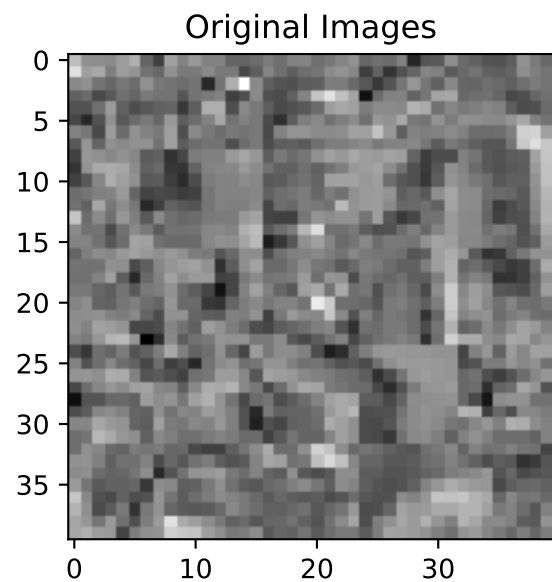
**Trained model : 36**

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**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 0.000100**
**loss : 0.007767**
**msq : 0.007763**
**sparsity : 0.040009**



Original Images

Reconstructed Images

Wight Plots
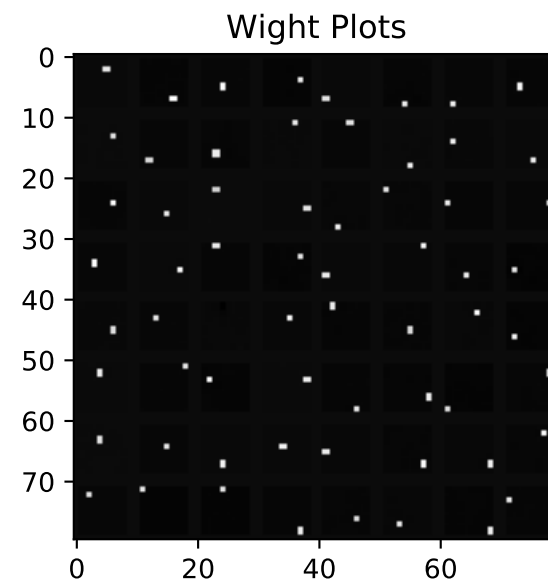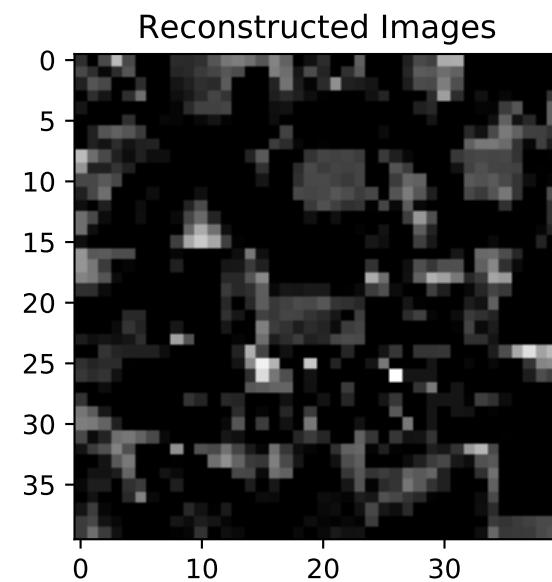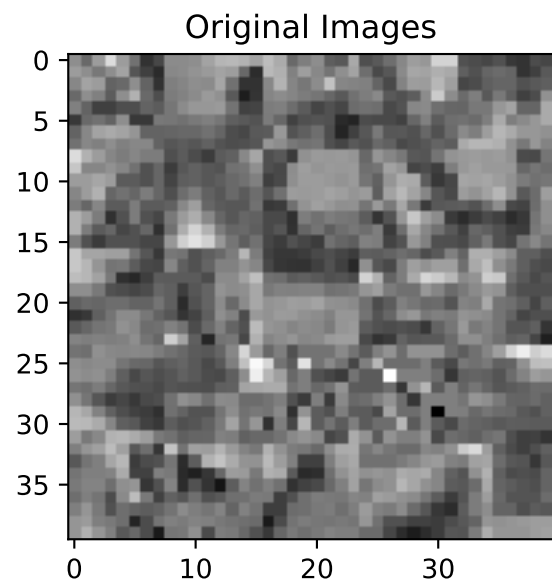
**Trained model : 37**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 0.001000**
**loss : 0.010190**
**msq : 0.010174**
**sparsity : 0.016092**



Original Images



Reconstructed Images



Wight Plots
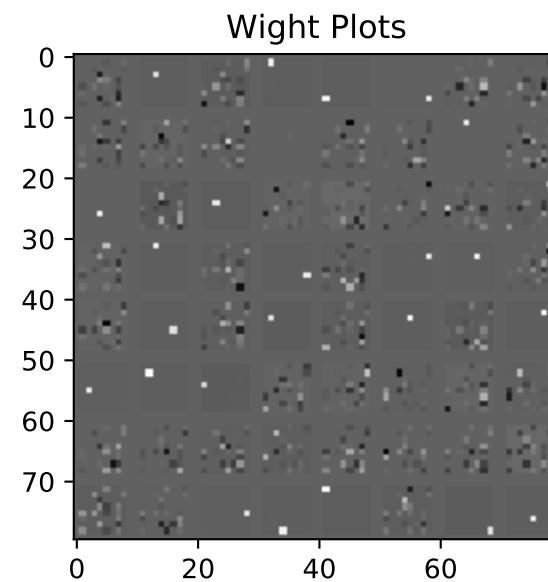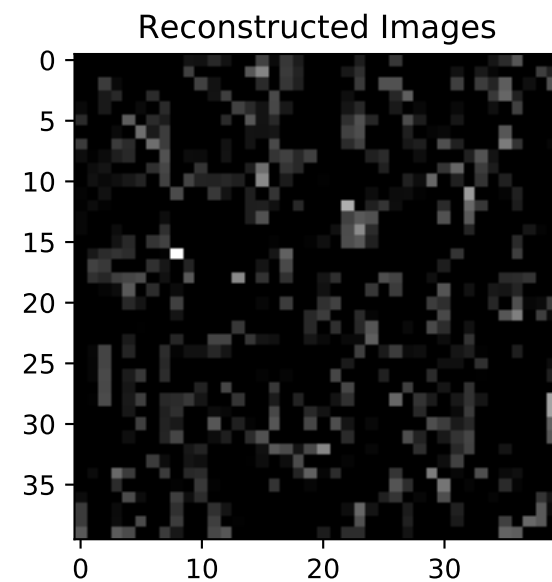
**Trained model : 38**

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**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.013948**
**msq : 0.013928**
**sparsity : 0.002082**
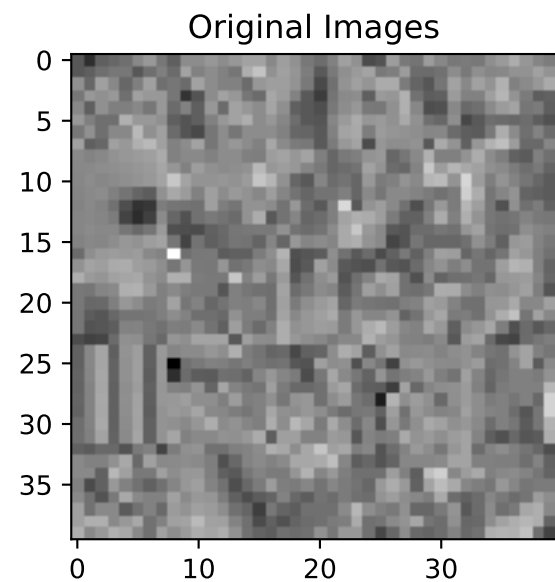


Original Images
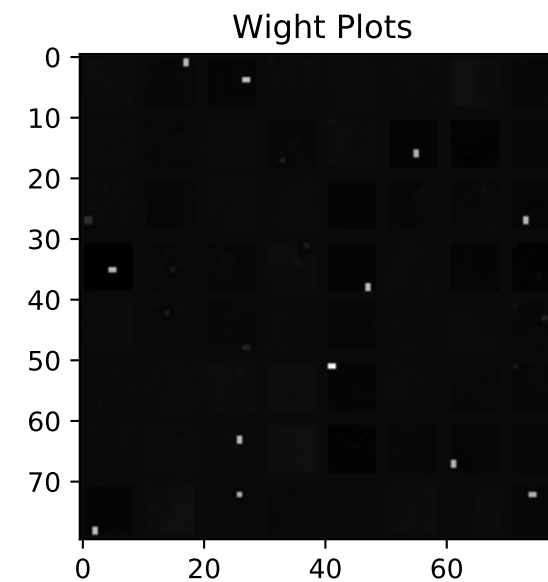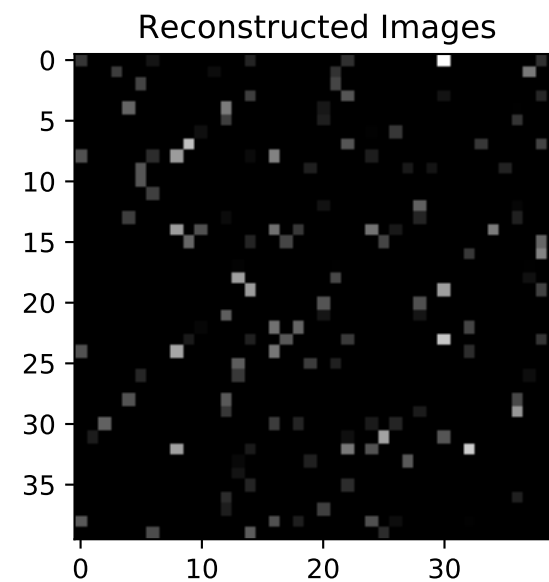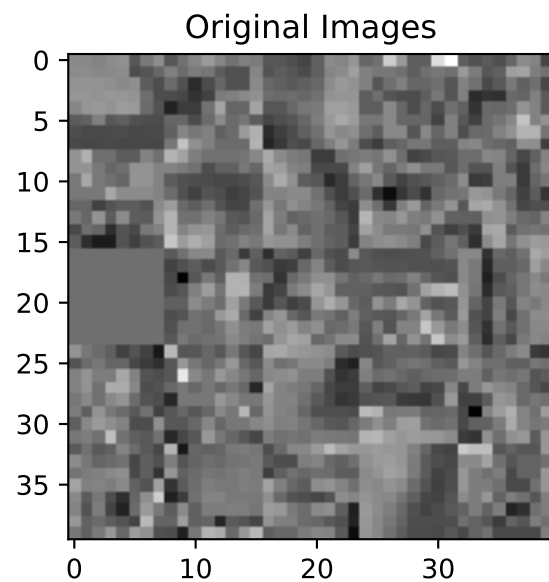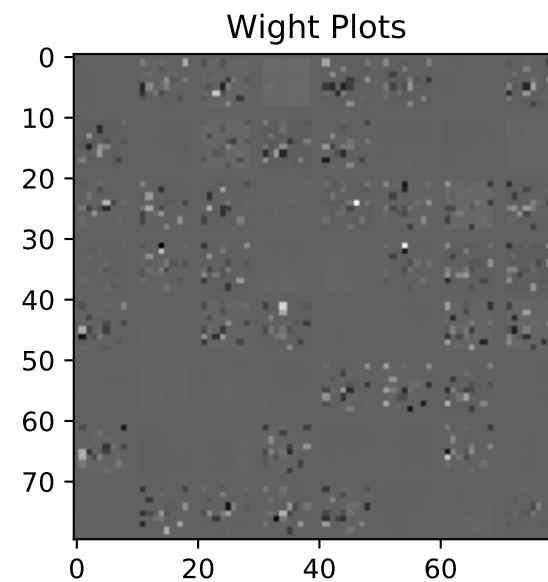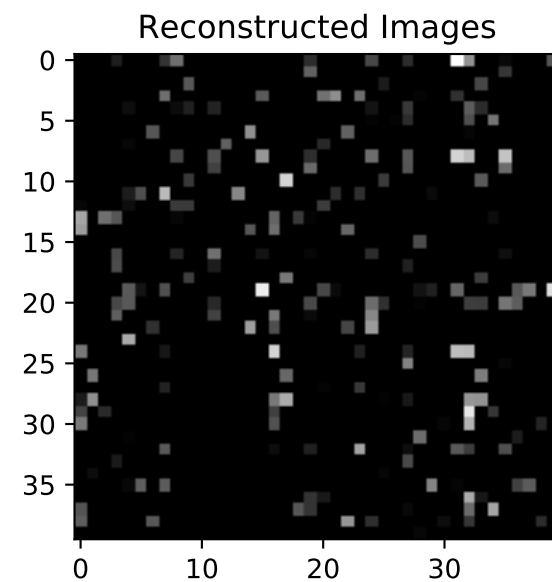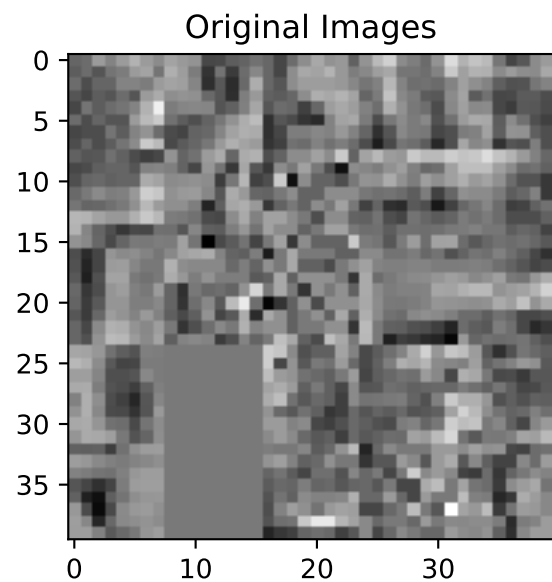
Reconstructed Images

Wight Plots

**Trained model : 39**

wscale : 0.001000
learn_rate : 0.005000
batch size : 3000
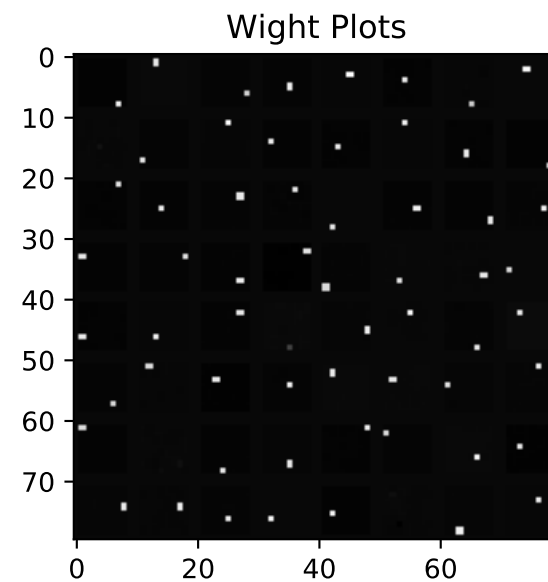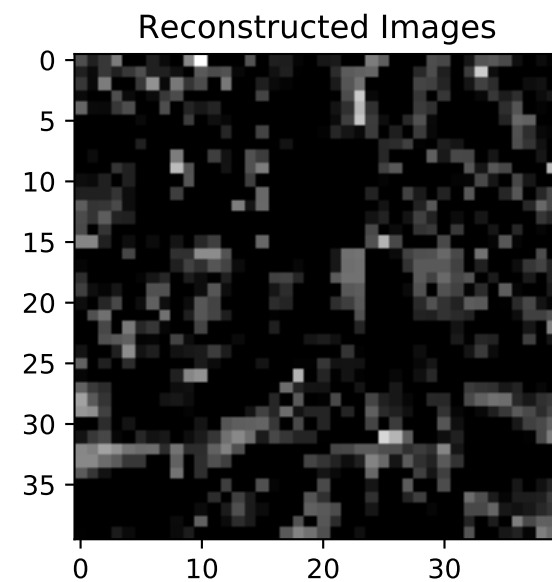beta : 0.100000
loss : 0.013430
msq : 0.013267
sparsity : 0.001634



Original Images



Reconstructed Images



Wight Plots

**Trained model : 40**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 1.000000**
**loss : 0.014843**
**msq : 0.014202**
**sparsity : 0.000642**



Original Images



Reconstructed Images



Wight Plots
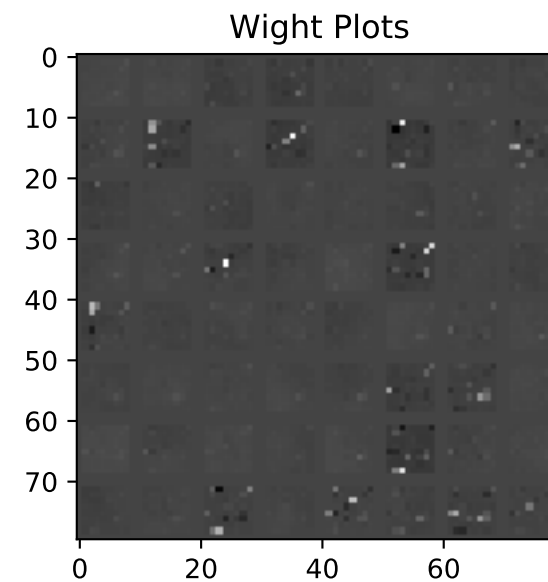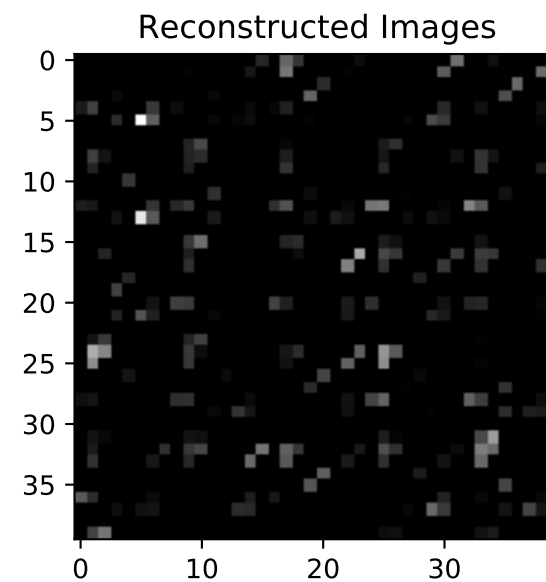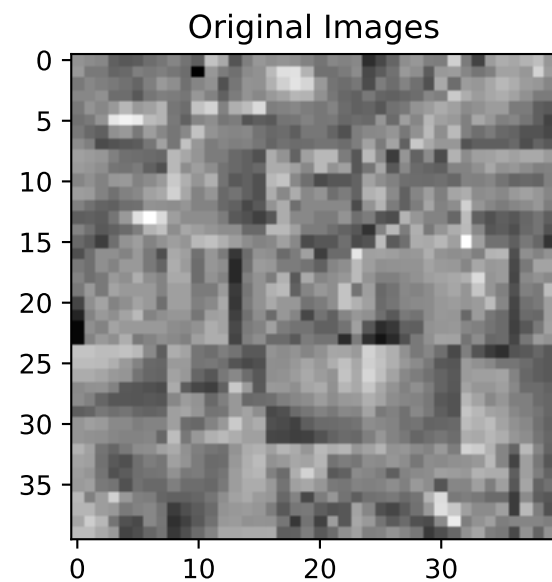
**Trained model : 41**

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**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 4000**
**beta : 0.000100**
**loss : 0.008091**
**msq : 0.008087**
**sparsity : 0.034512**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 42**

wscale : 0.001000
learn_rate : 0.005000
batch size : 4000
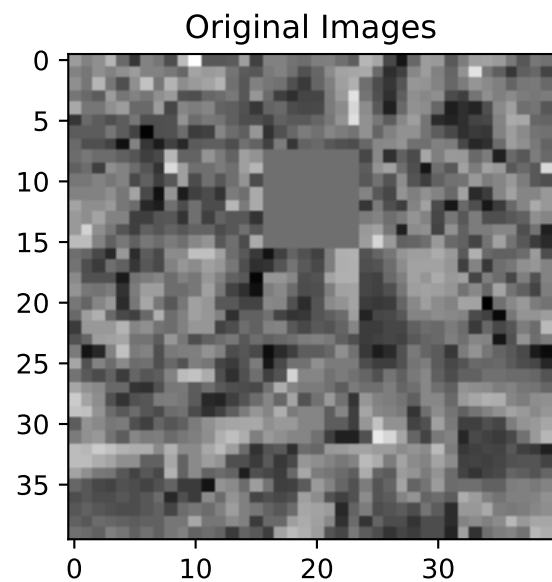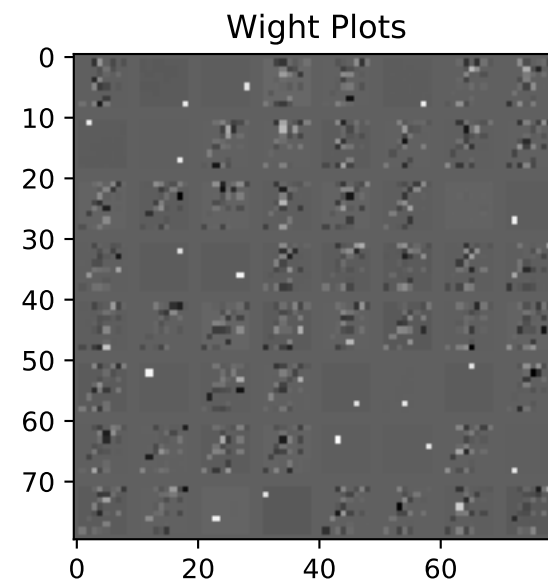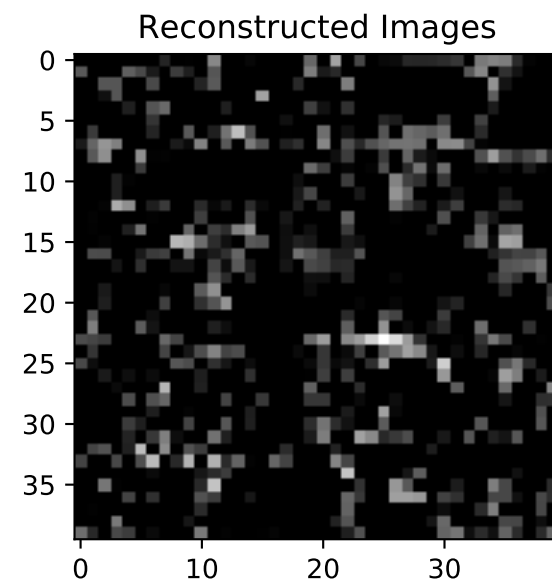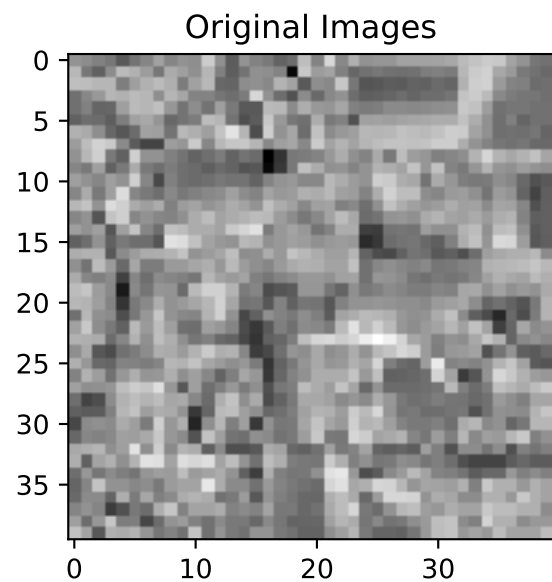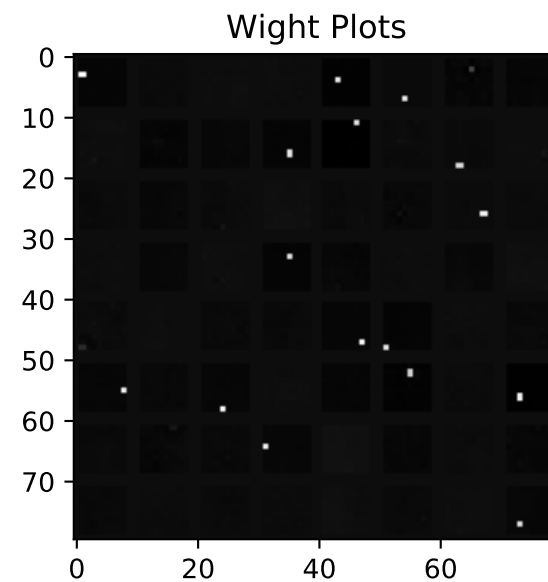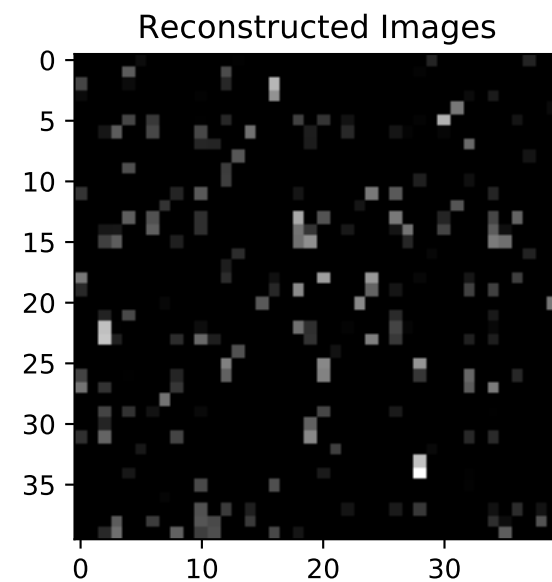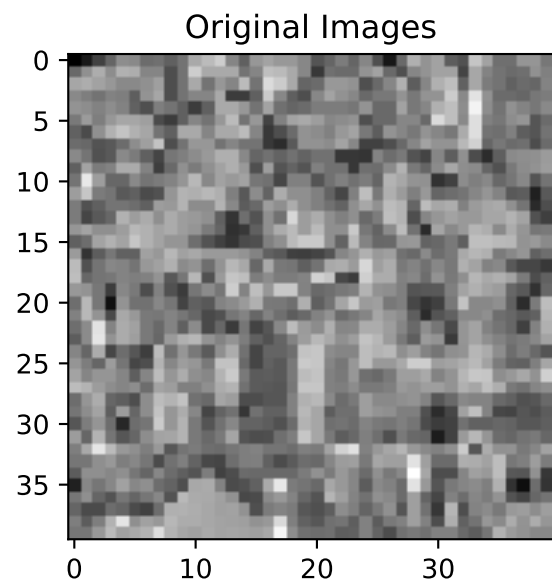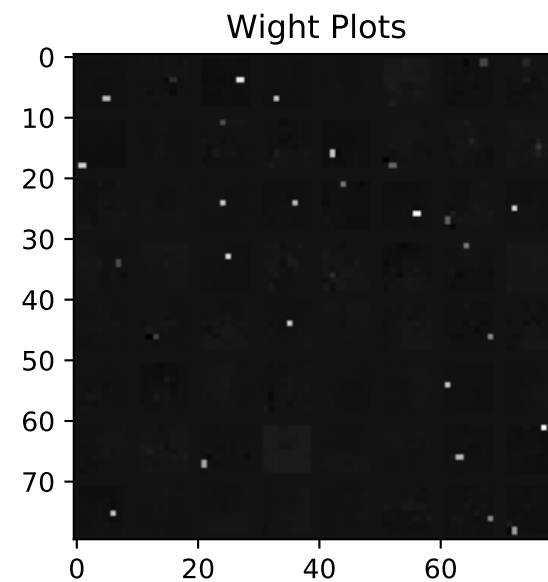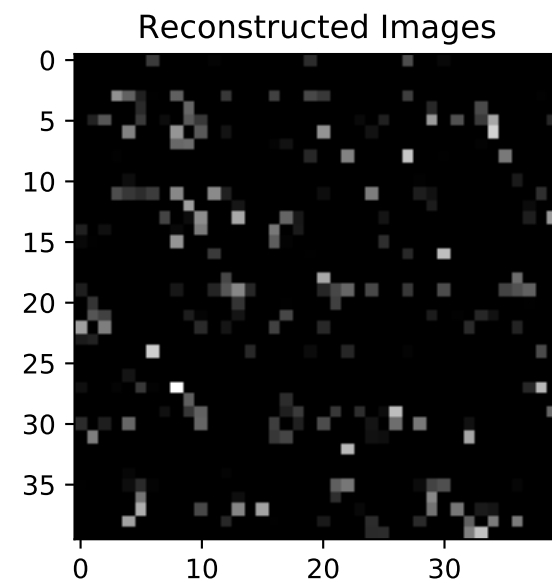beta : 0.001000
loss : 0.010550
msq : 0.010536
sparsity : 0.013499



Original Images



Reconstructed Images



Wight Plots

**Trained model : 43**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.013536**
**msq : 0.013513**
**sparsity : 0.002227**

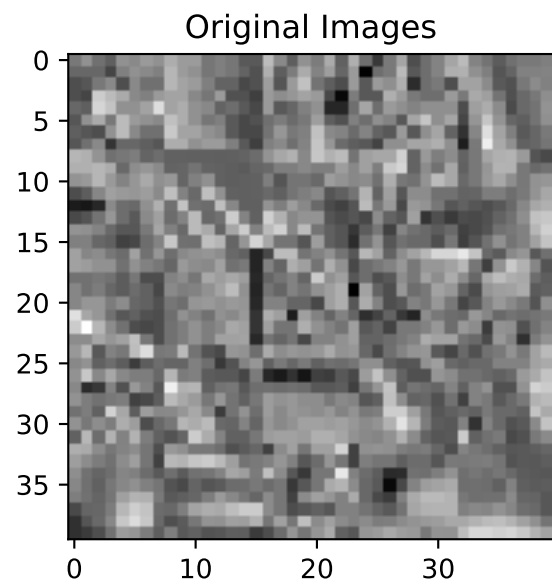

Original Images



Reconstructed Images



Wight Plots

**Trained model : 44**

wscale : 0.001000
learn_rate : 0.005000
batch size : 4000
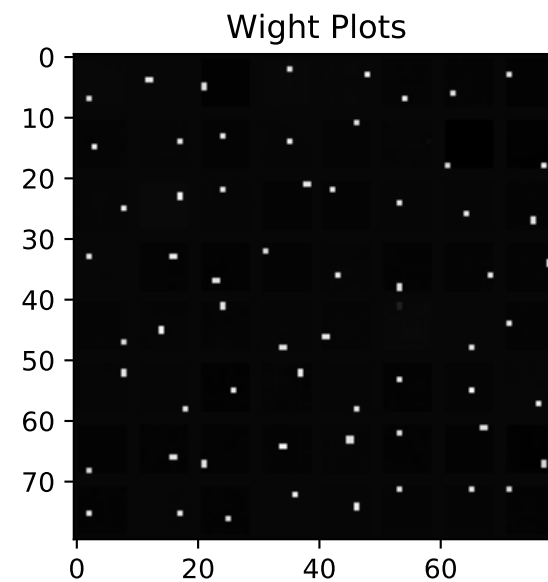beta : 0.100000
loss : 0.013352
msq : 0.013216
sparsity : 0.001367



Original Images

Reconstructed Images

Wight Plots

**Trained model : 45**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 4000**
**beta : 1.000000**
**loss : 0.014414**
**msq : 0.013705**
**sparsity : 0.000709**



Original Images



Reconstructed Images



Wight Plots
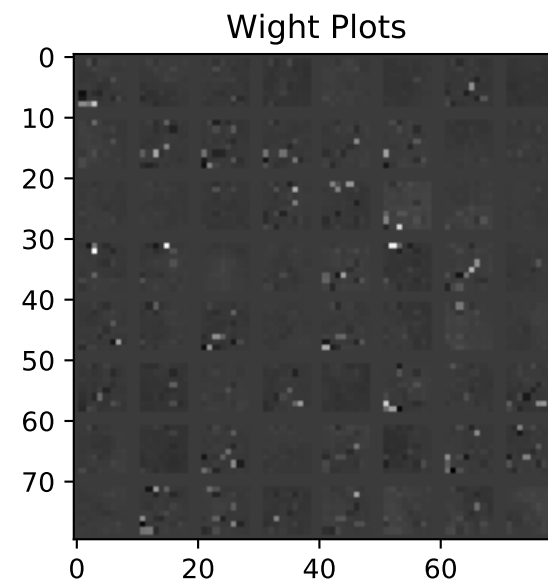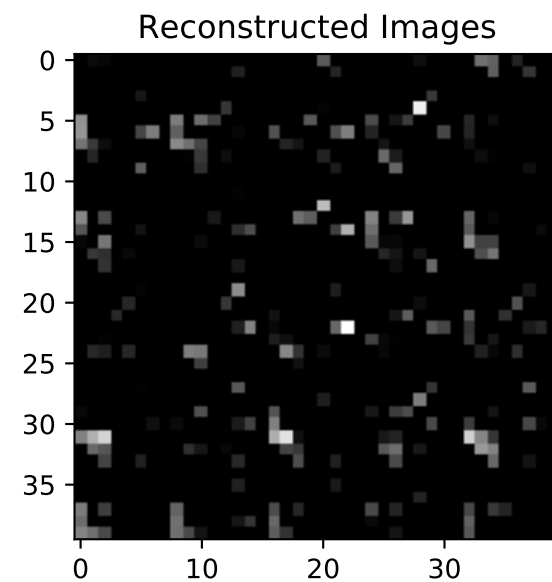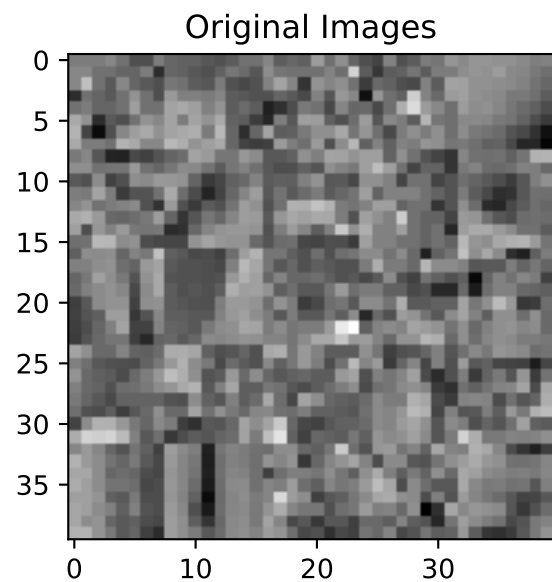
**Trained model : 46**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 0.000100**
**loss : 0.007909**
**msq : 0.007906**
**sparsity : 0.030579**



Original Images



Reconstructed Images



Wight Plots
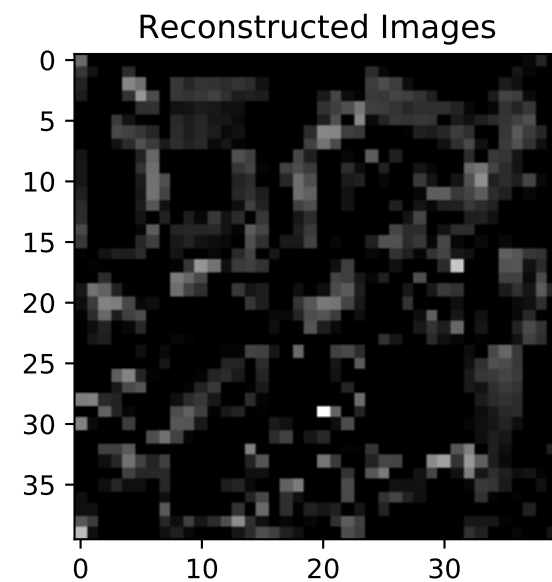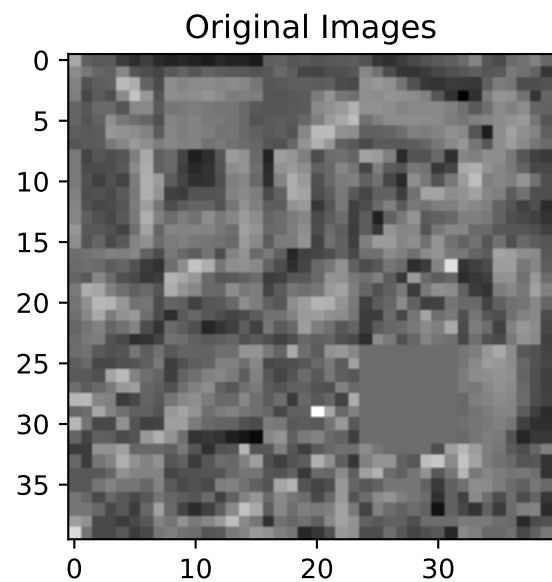
**Trained model : 47**
_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.009237**
**msq : 0.009224**
**sparsity : 0.012817**



Original Images



Reconstructed Images



Wight Plots
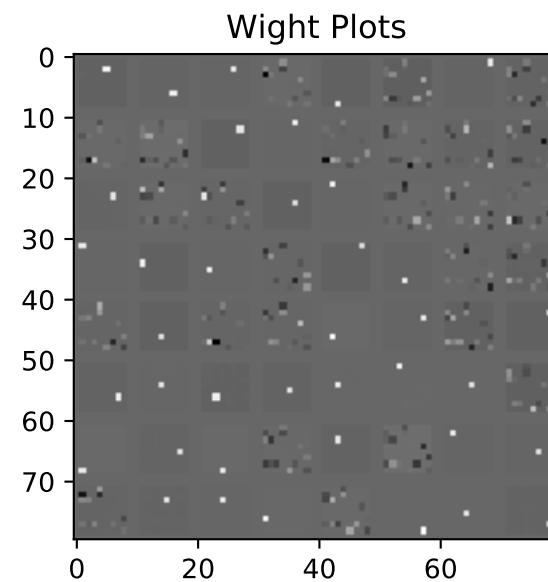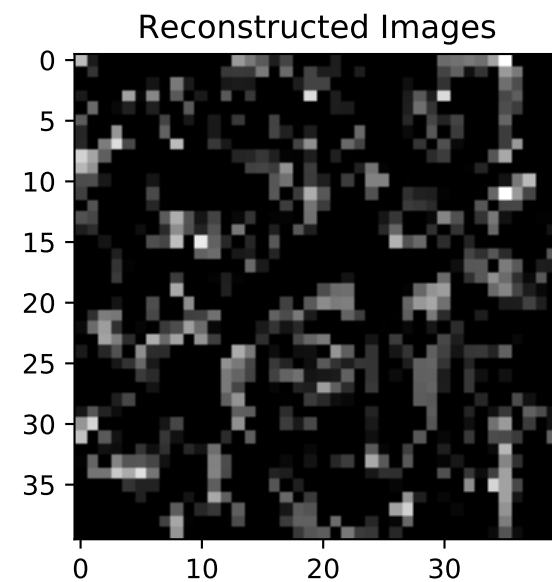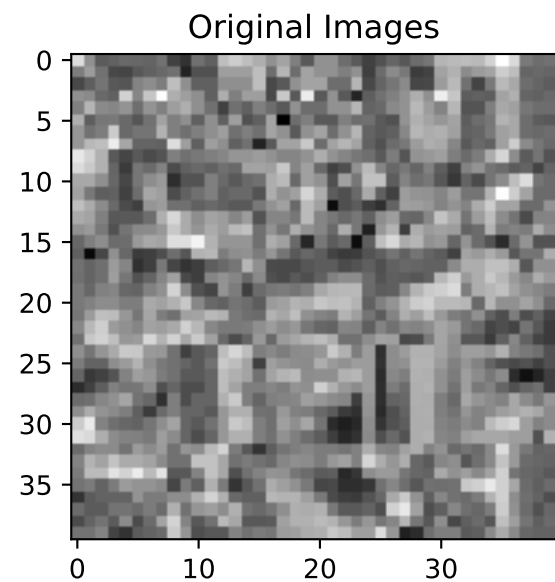
**Trained model : 48**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.013487**
**msq : 0.013461**
**sparsity : 0.002551**



Original Images



Reconstructed Images



Wight Plots
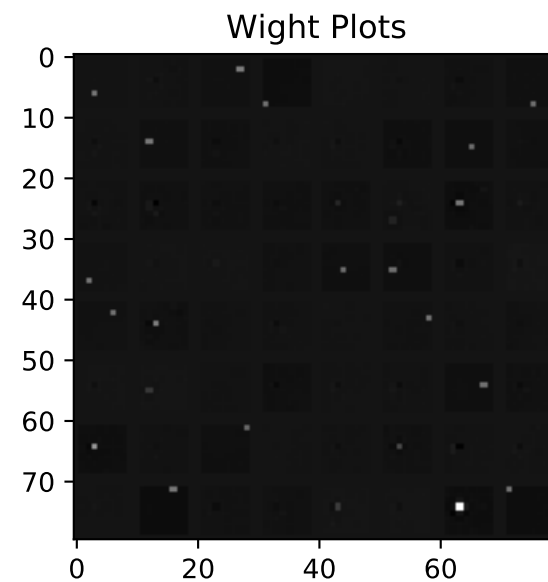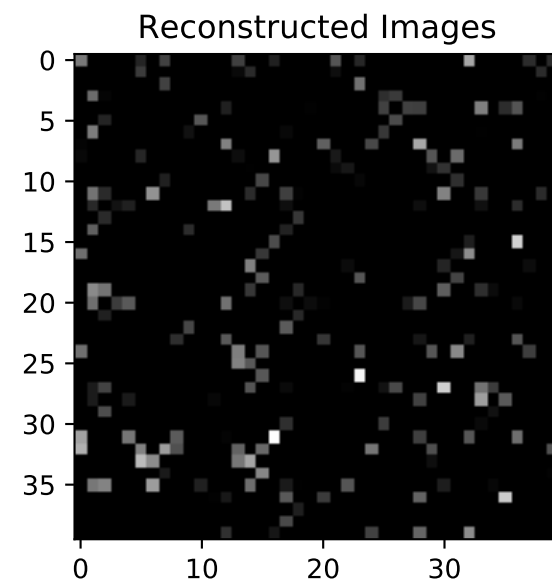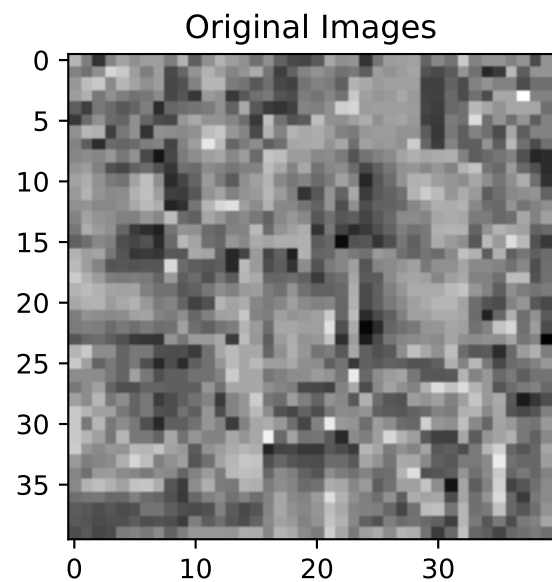
**Trained model : 49**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 0.100000**
**loss : 0.013184**
**msq : 0.013030**
**sparsity : 0.001534**



Original Images



Reconstructed Images



Wight Plots
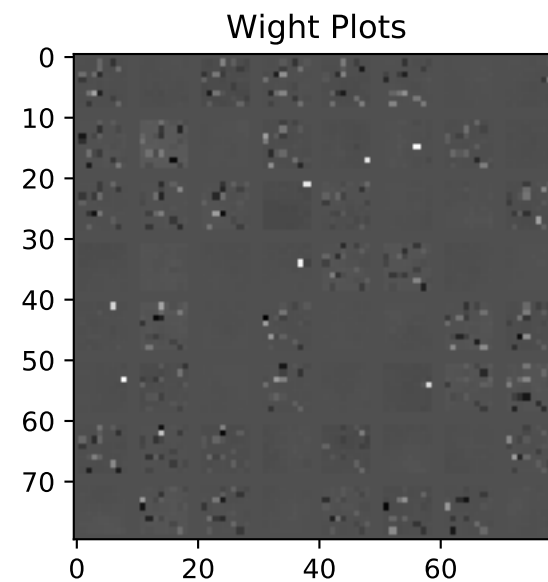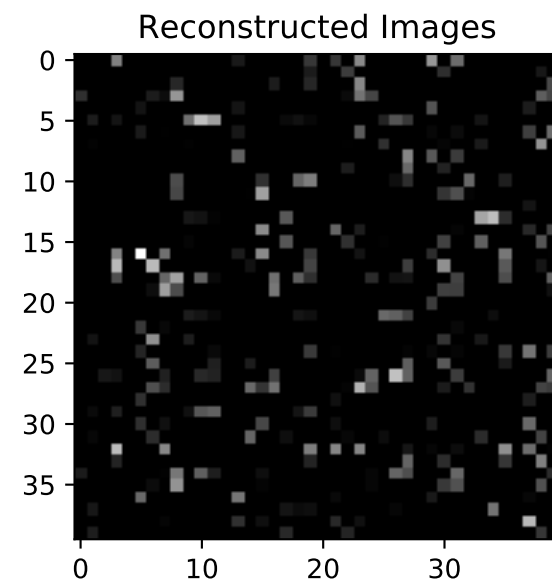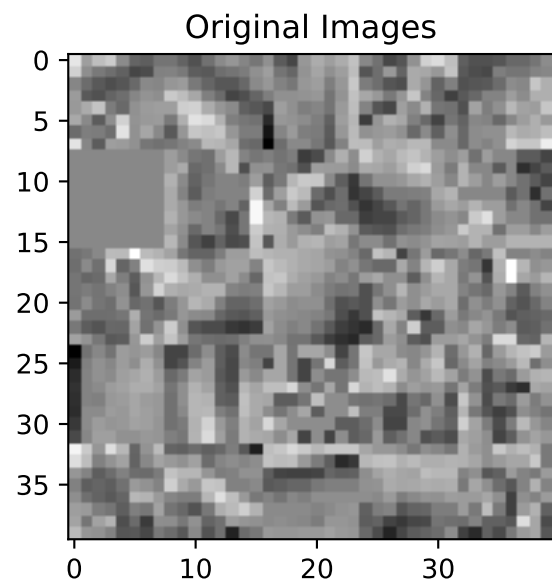
**Trained model : 50**

_____

**wscale : 0.001000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.015335**
**msq : 0.014810**
**sparsity : 0.000525**



Original Images



Reconstructed Images



Wight Plots
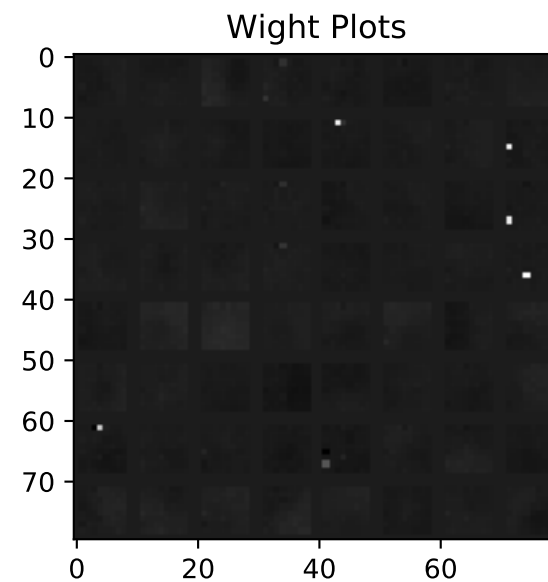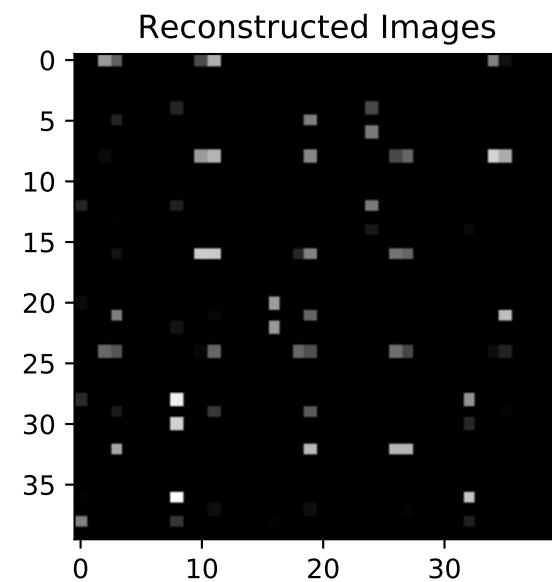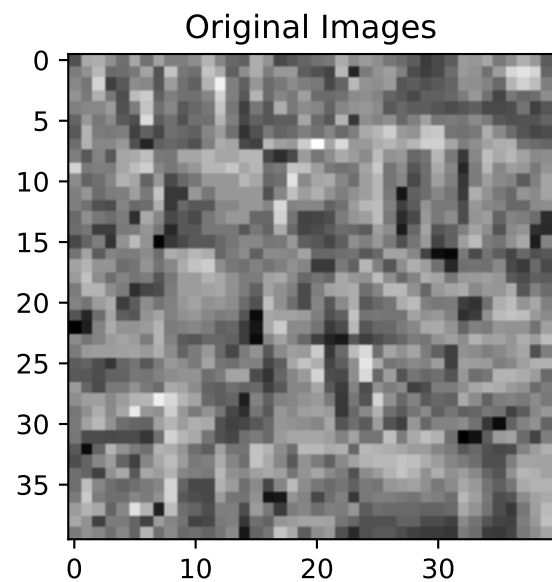
**Trained model : 51**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 0.000100**
**loss : 0.008203**
**msq : 0.008199**
**sparsity : 0.040431**



Original Images

Reconstructed Images

Wight Plots
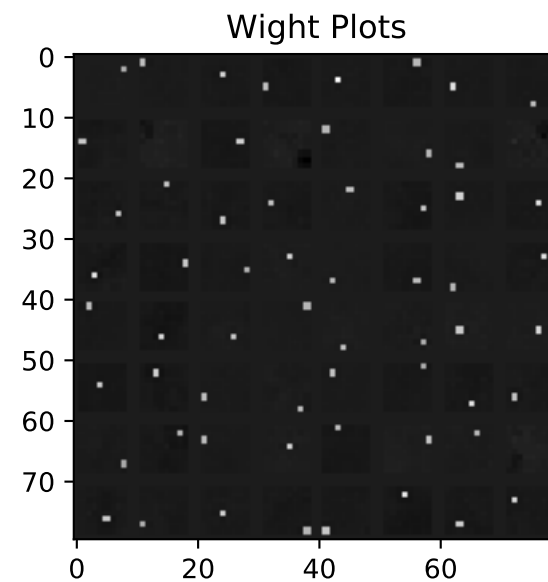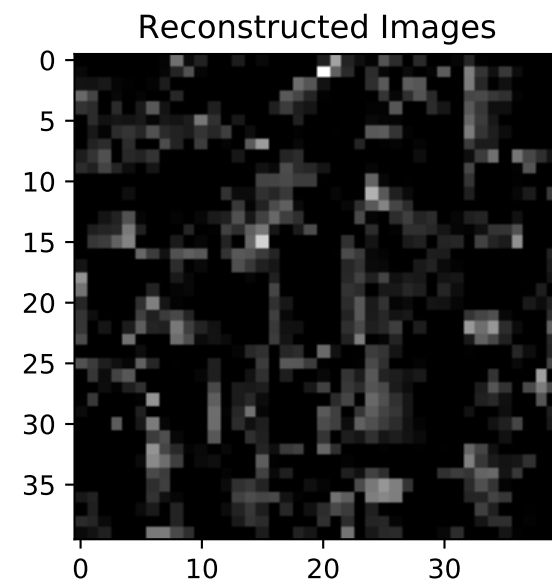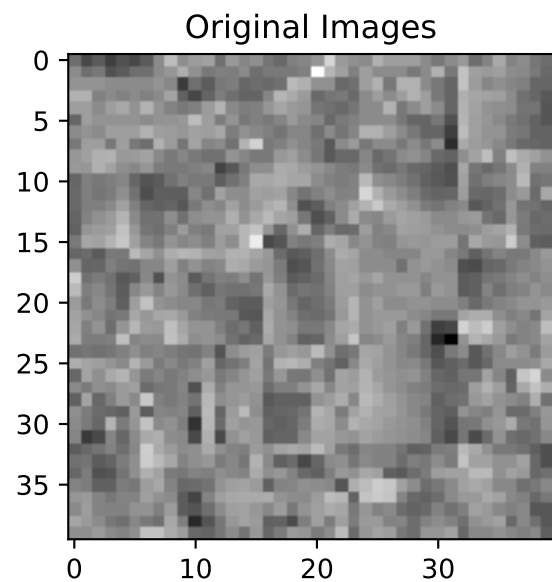
**Trained model : 52**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 0.001000**
**loss : 0.012470**
**msq : 0.012449**
**sparsity : 0.021145**



Original Images

Reconstructed Images

Wight Plots
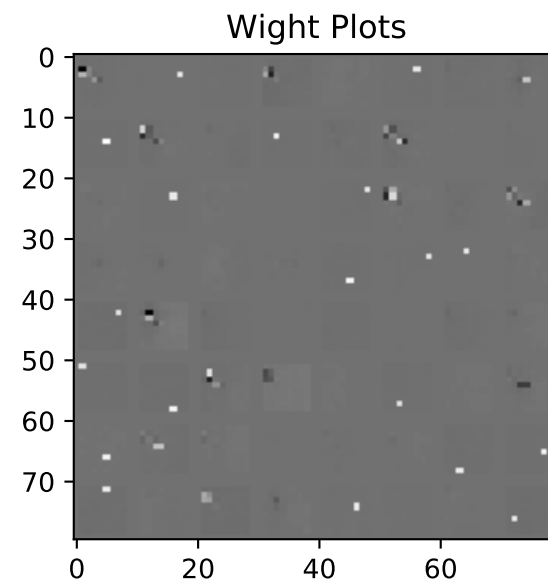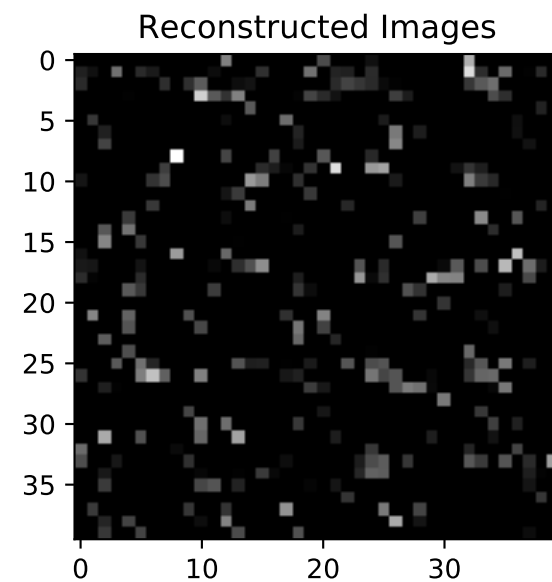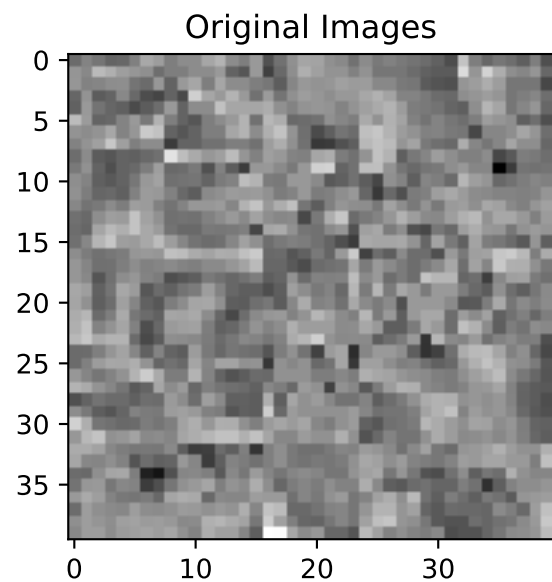
**Trained model : 53**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.014113**
**msq : 0.014059**
**sparsity : 0.005363**



Original Images



Reconstructed Images



Wight Plots
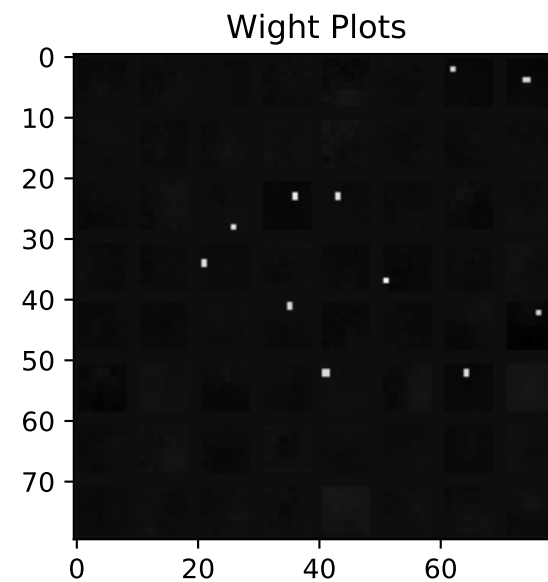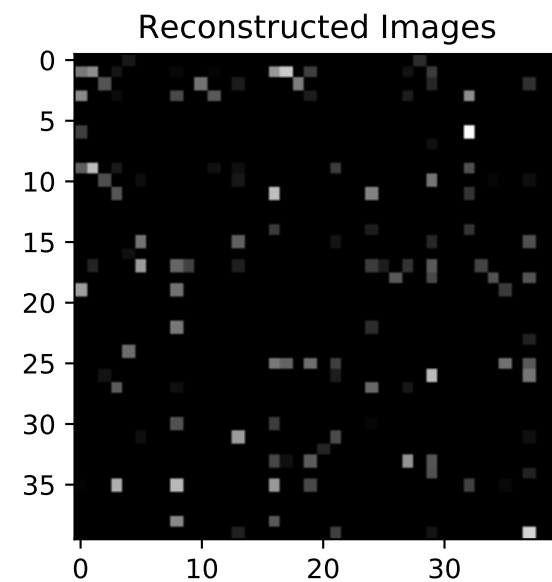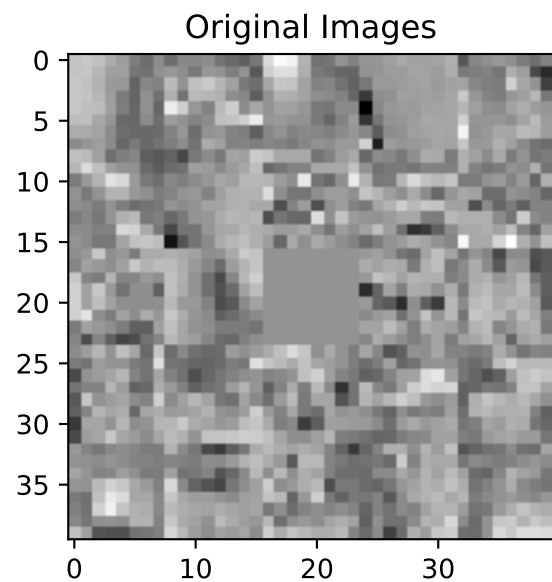
**Trained model : 54**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 0.100000**
**loss : 0.015675**
**msq : 0.015312**
**sparsity : 0.003633**



Original Images



Reconstructed Images
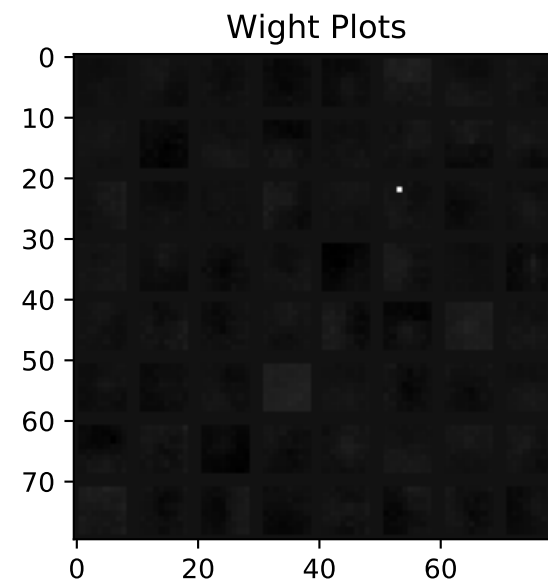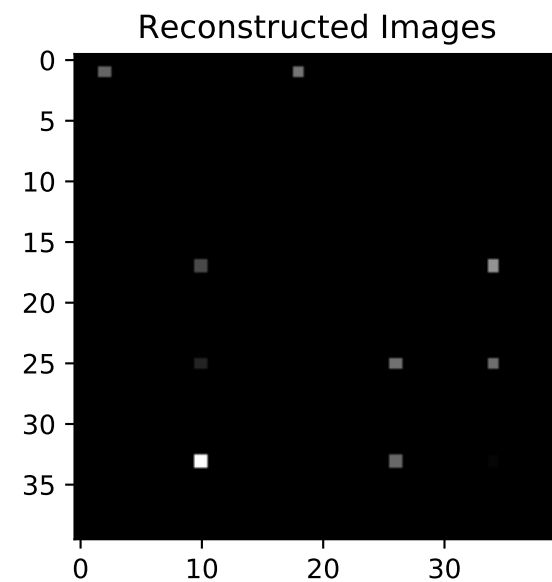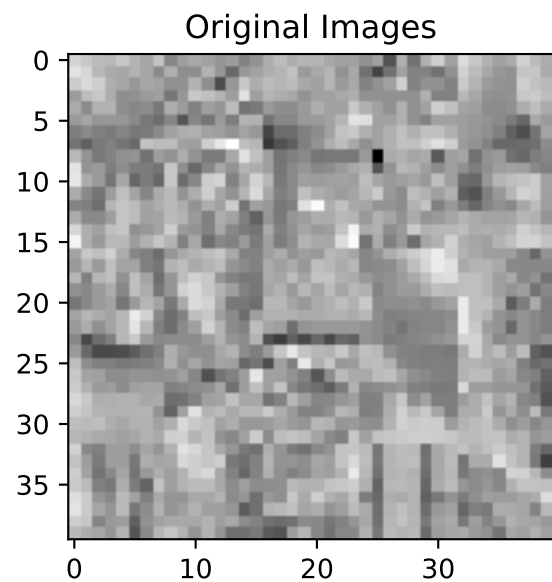


Wight Plots

**Trained model : 55**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 1.000000**
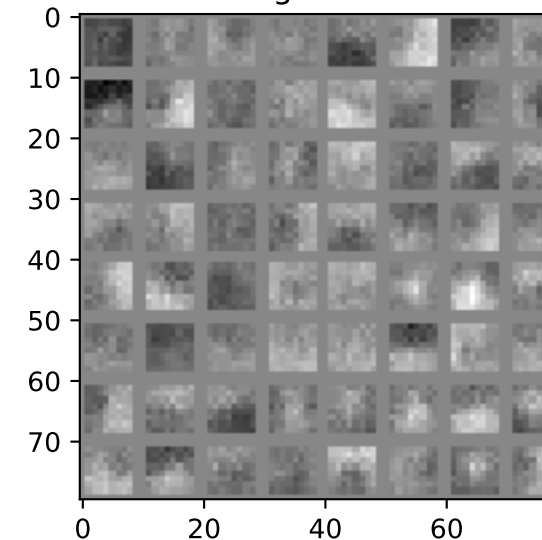**loss : 0.018688**
**msq : 0.015372**
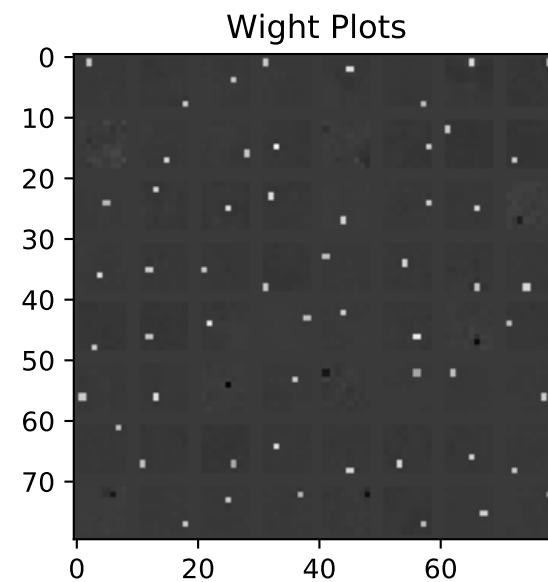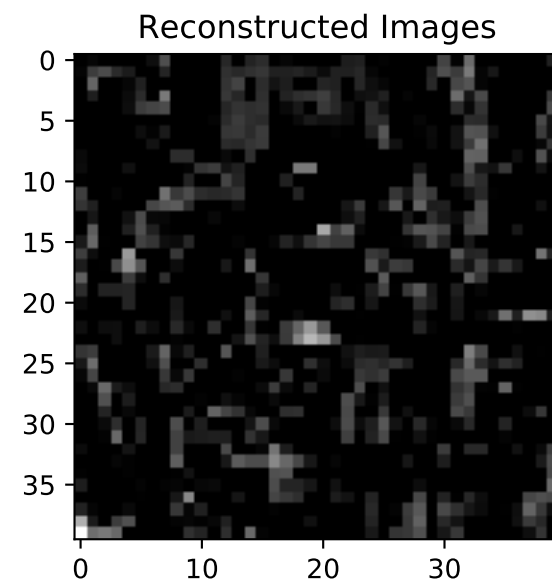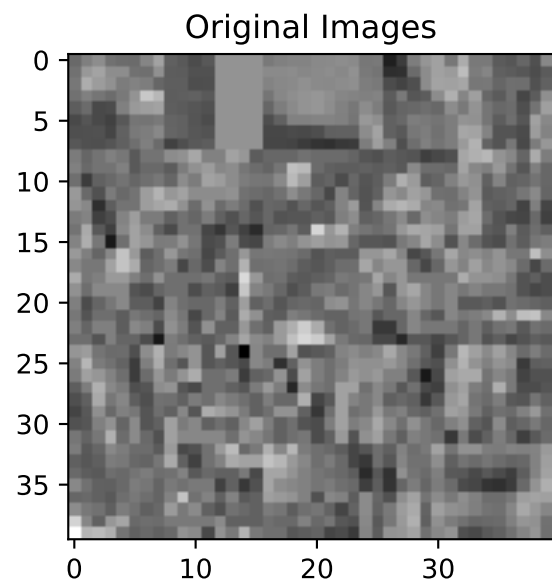**sparsity : 0.003316**

Original Images
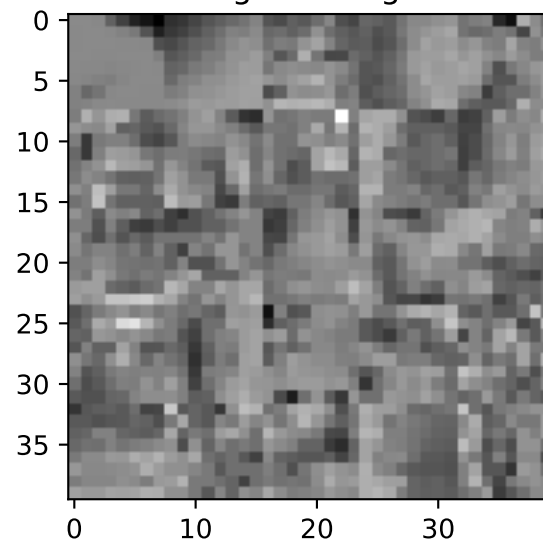
Reconstructed Images

Wight Plots

**Trained model : 56**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.008724**
**msq : 0.008719**
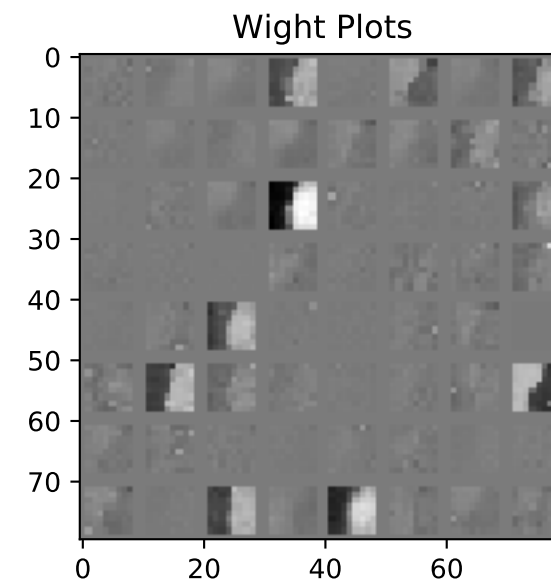**sparsity : 0.041116**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 57**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.015606**
**msq : 0.015402**
**sparsity : 0.203563**



Original Images



Reconstructed Images



Wight Plots
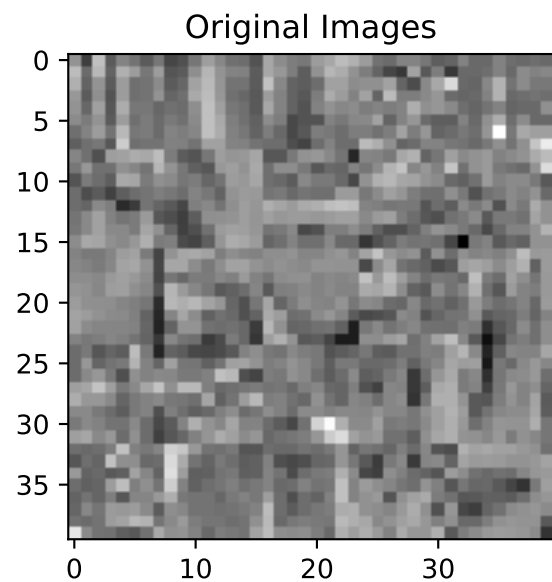
**Trained model : 58**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 2000**
**beta : 0.010000**
**loss : 0.014497**
**msq : 0.014454**
**sparsity : 0.004306**



Original Images



Reconstructed Images



Wight Plots
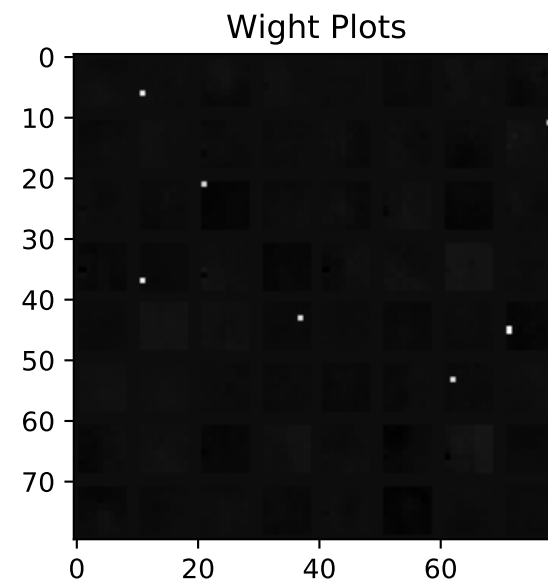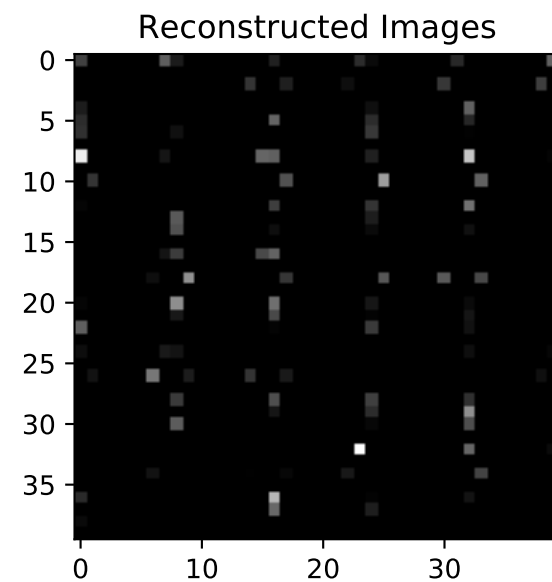
**Trained model : 59**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 2000**
**beta : 0.100000**
**loss : 0.015216**
**msq : 0.014771**
**sparsity : 0.004458**


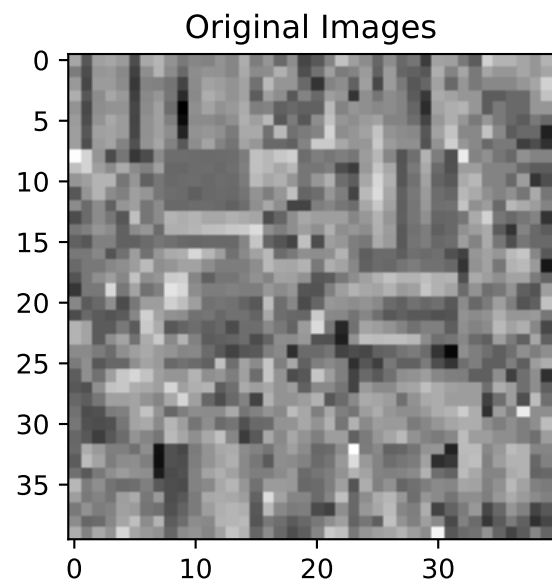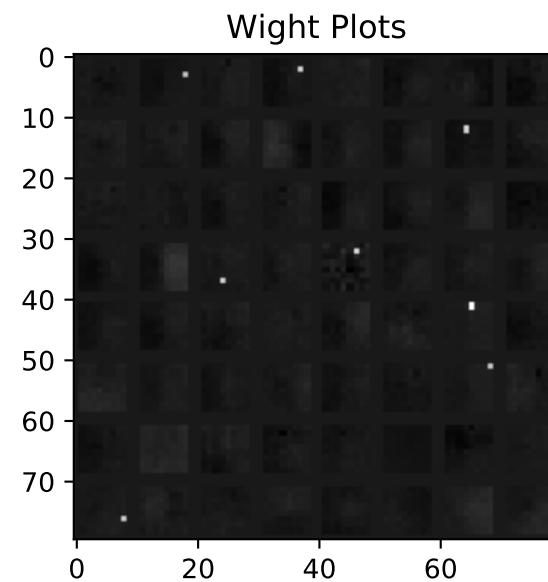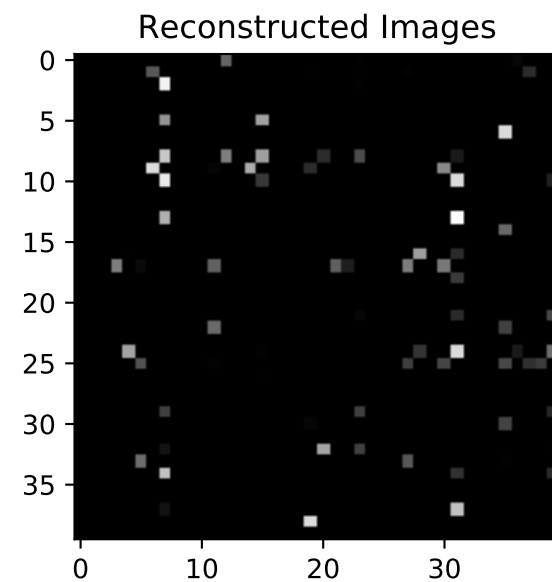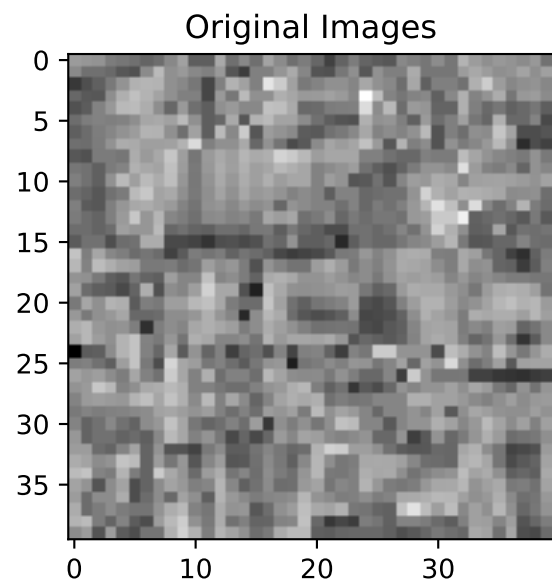
Original Images
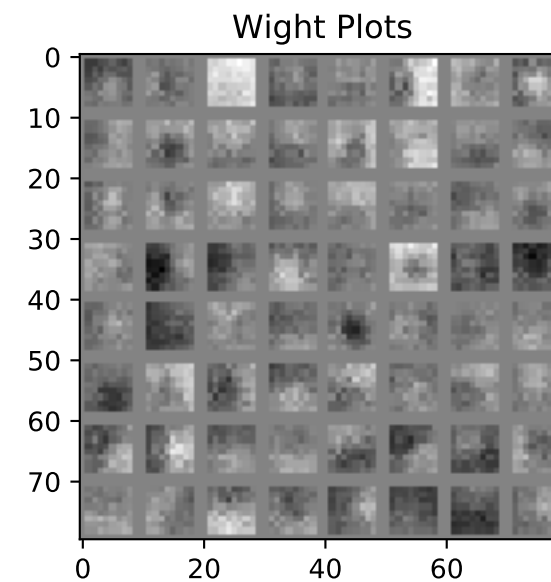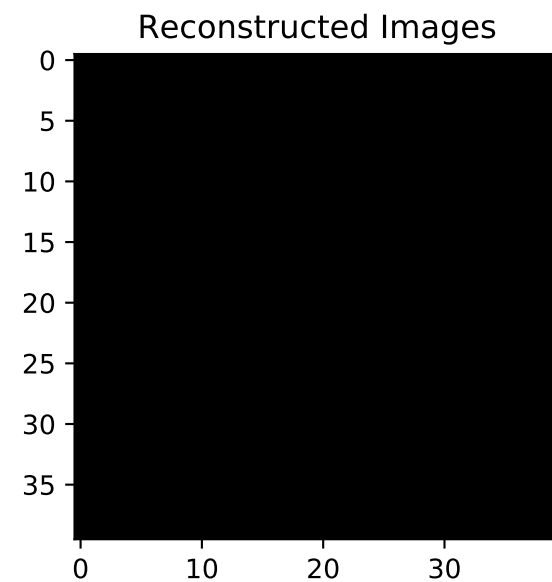
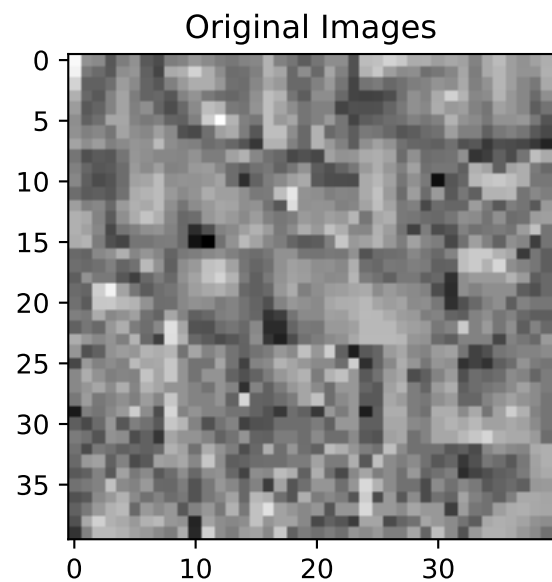

Reconstructed Images



Wight Plots

**Trained model : 60**

wscale : 0.001000
learn_rate : 0.050000
batch size : 2000
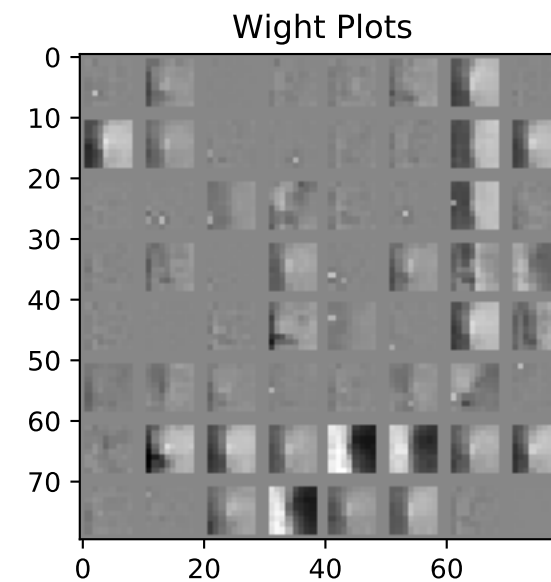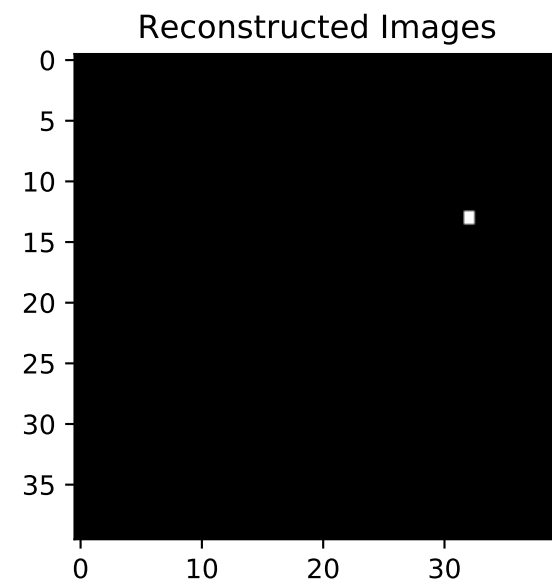beta : 1.000000
loss : 0.019268
msq : 0.015387
sparsity : 0.003880

Original Images

Reconstructed Images

Wight Plots

**Trained model : 61**

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**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 0.000100**
**loss : 0.009068**
**msq : 0.009064**
**sparsity : 0.039559**

Original Images

Reconstructed Images

Wight Plots
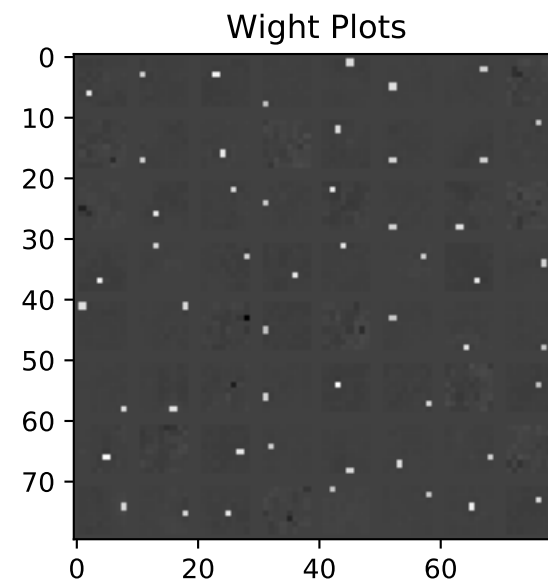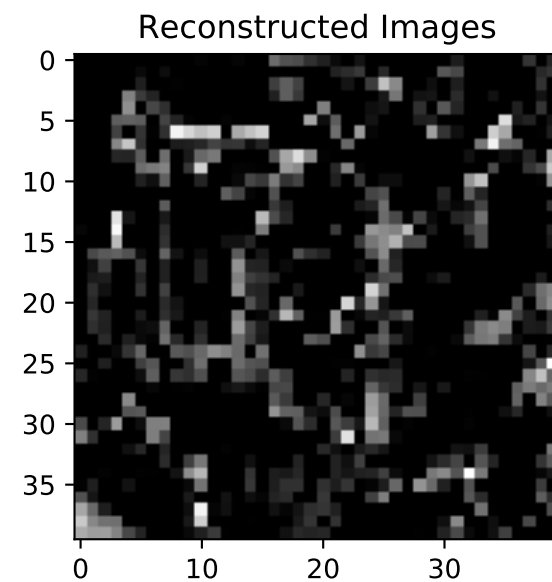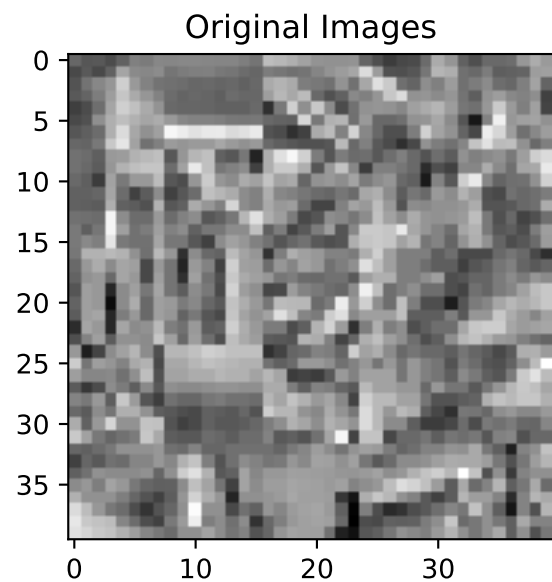
**Trained model : 62**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 0.001000**
**loss : 0.015795**
**msq : 0.015397**
**sparsity : 0.397382**



Original Images



Reconstructed Images



Wight Plots
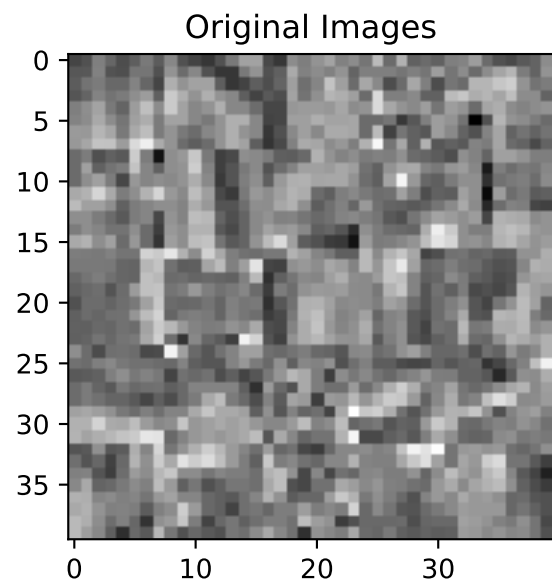
**Trained model : 63**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.014746**
**msq : 0.014697**
**sparsity : 0.004963**



Original Images



Reconstructed Images



Wight Plots
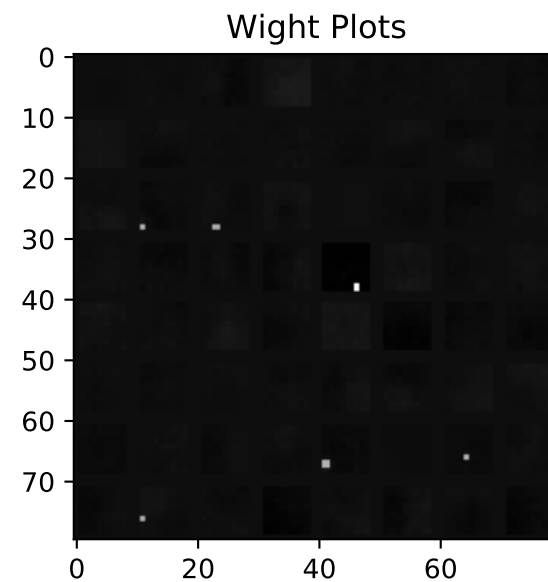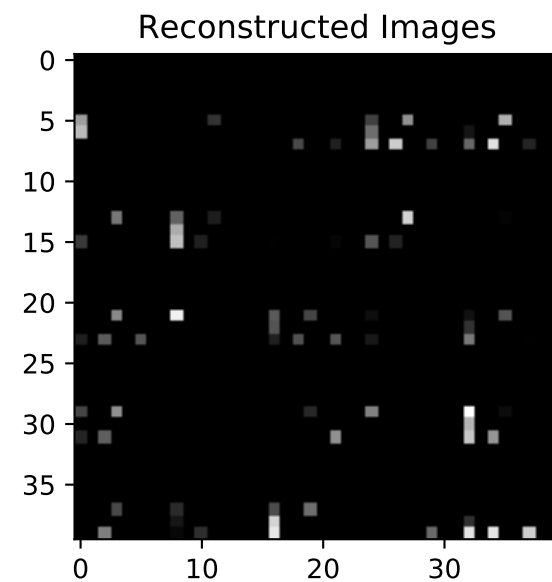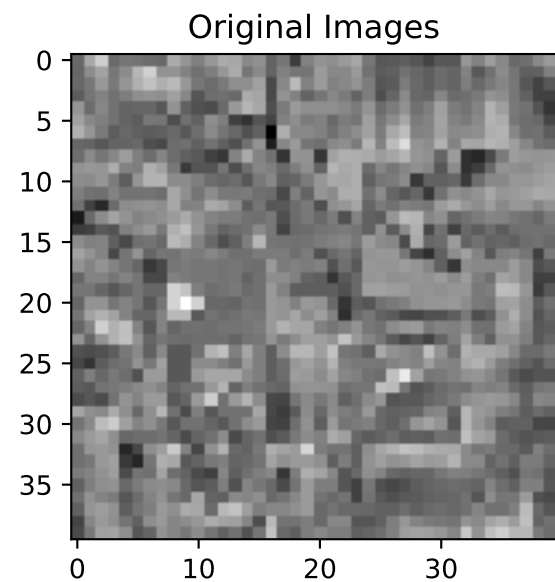
**Trained model : 64**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 0.100000**
**loss : 0.016007**
**msq : 0.015354**
**sparsity : 0.006538**



Original Images



Reconstructed Images



Wight Plots
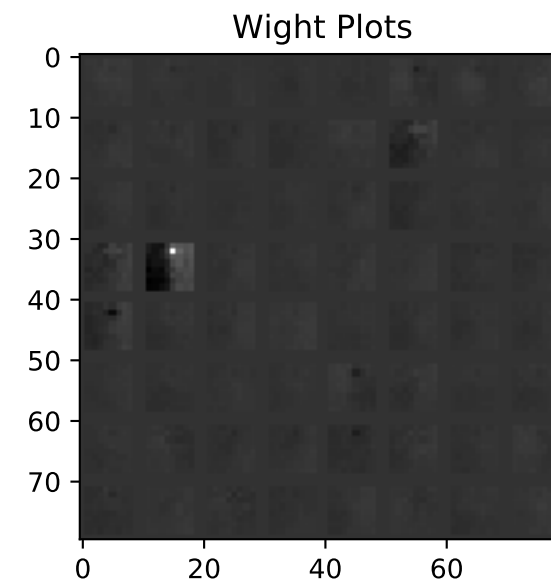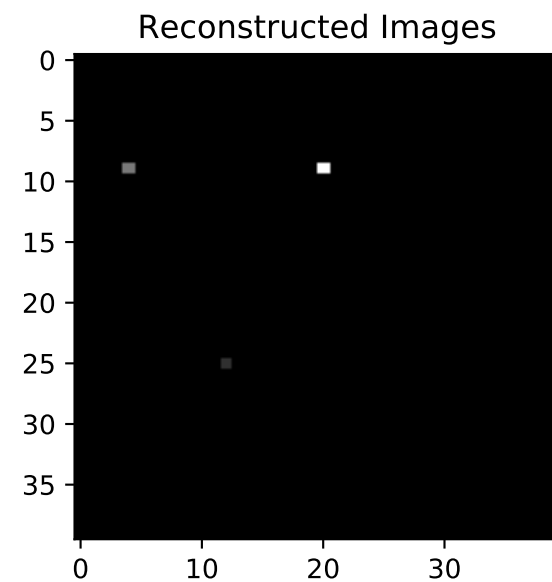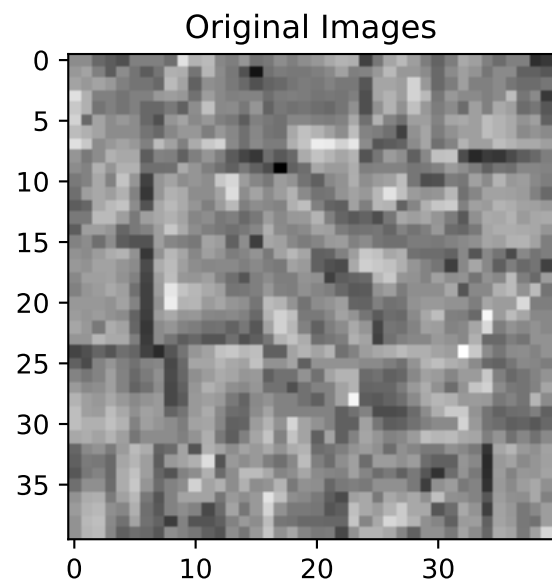
**Trained model : 65**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 1.000000**
**loss : 0.019312**
**msq : 0.015434**
**sparsity : 0.003878**

Original Images

Reconstructed Images

Wight Plots
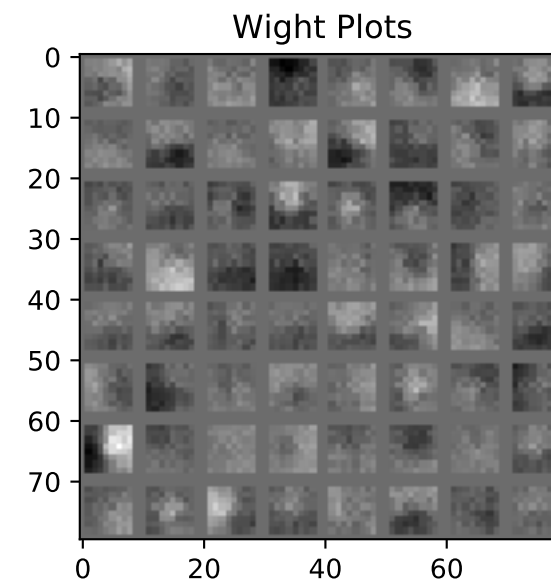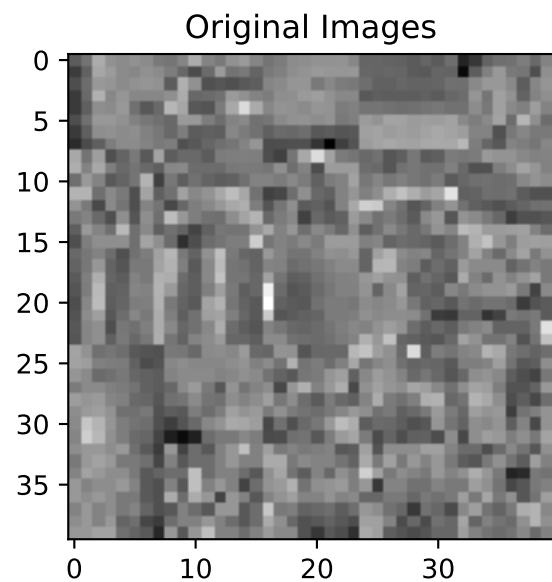
**Trained model : 66**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 0.000100**
**loss : 0.008861**
**msq : 0.008857**
**sparsity : 0.038449**



Original Images



Reconstructed Images



Wight Plots
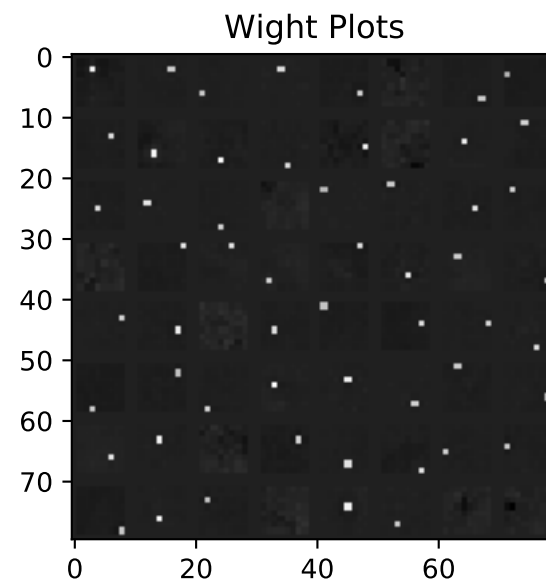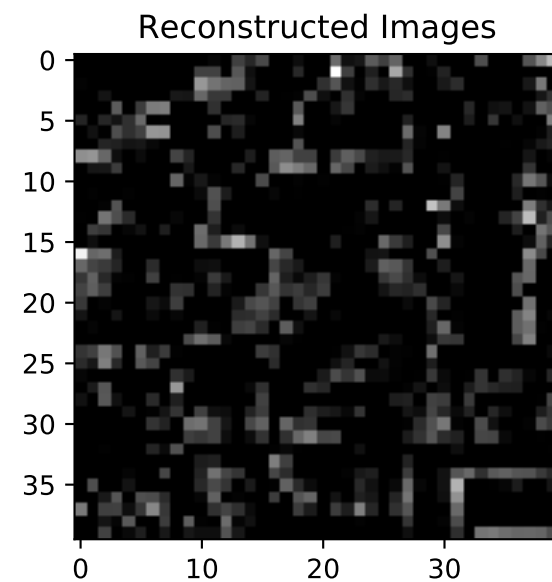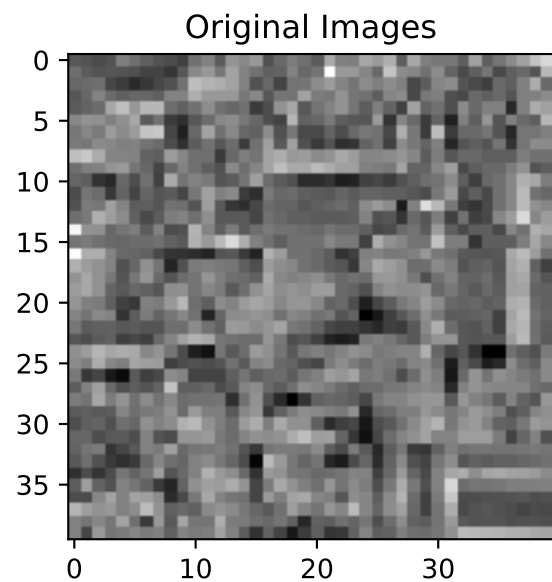
**Trained model : 67**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 0.001000**
**loss : 0.015641**
**msq : 0.015373**
**sparsity : 0.267908**



Original Images



Reconstructed Images



Wight Plots
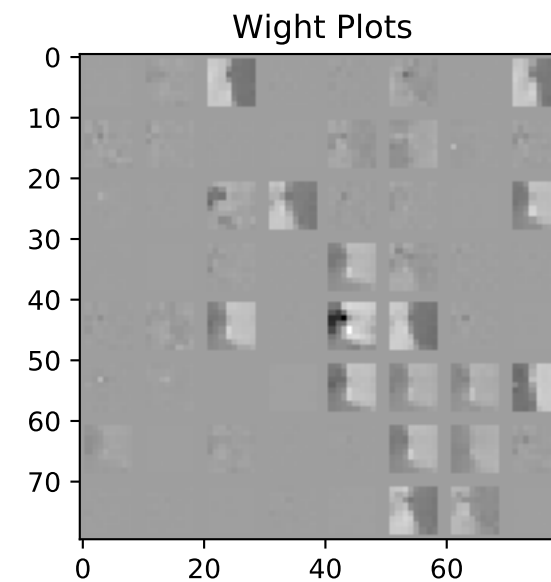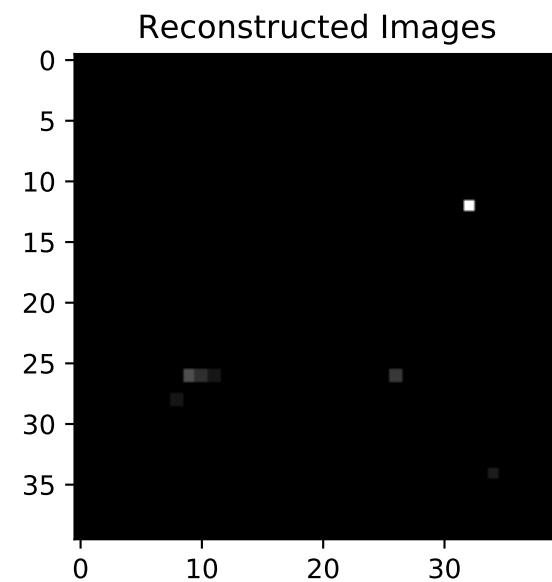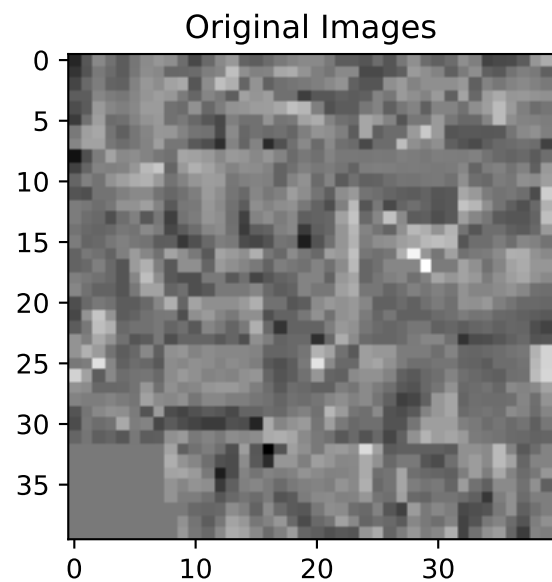
**Trained model : 68**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.015314**
**msq : 0.015275**
**sparsity : 0.003877**



Original Images



Reconstructed Images



Wight Plots
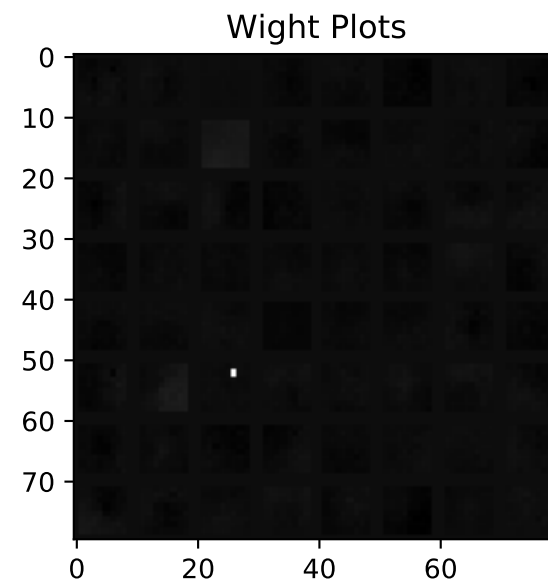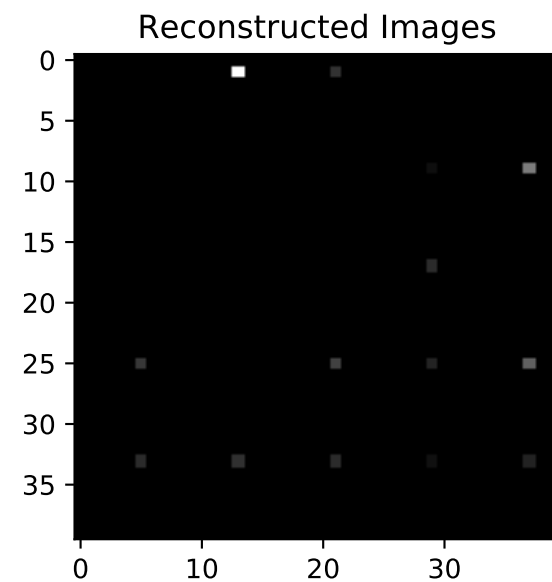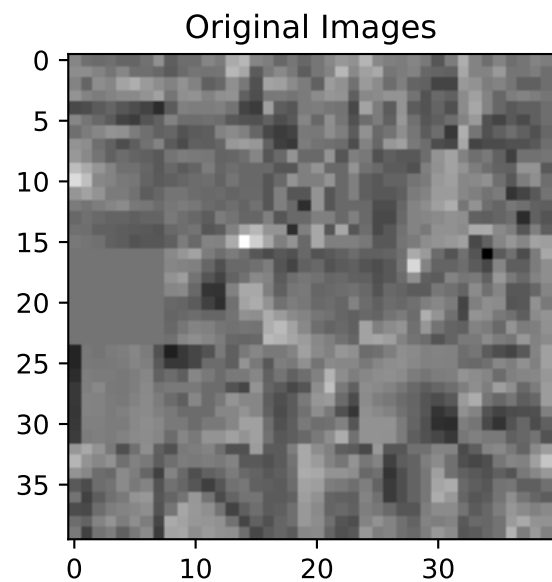
**Trained model : 69**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 0.100000**
**loss : 0.014636**
**msq : 0.014127**
**sparsity : 0.005090**



Original Images



Reconstructed Images



Wight Plots
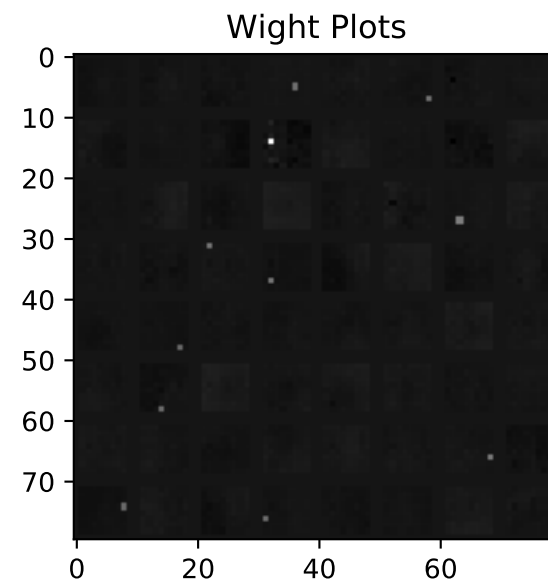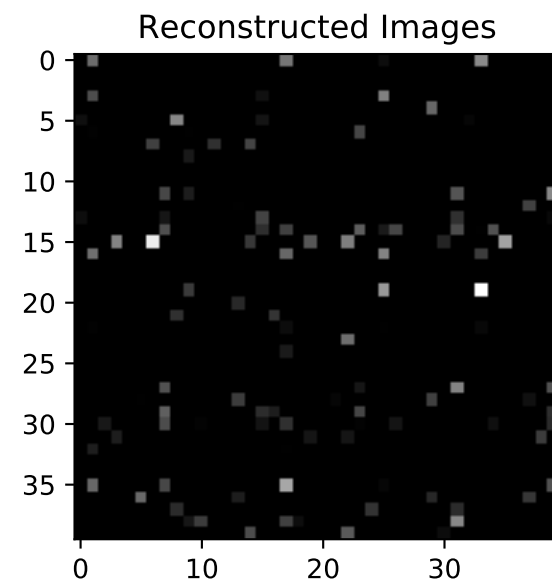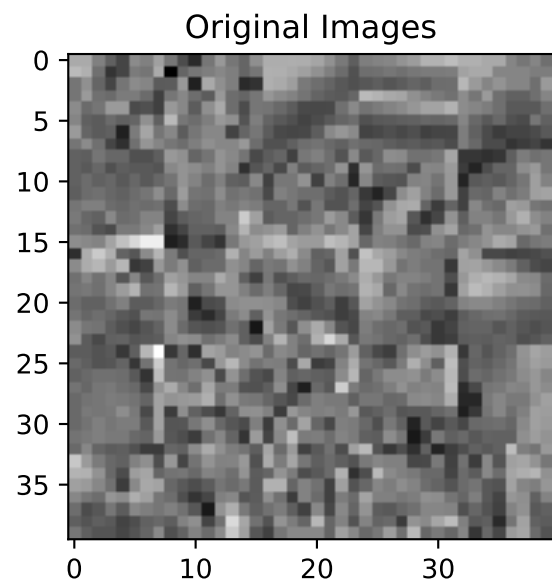
**Trained model : 70**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 1.000000**
**loss : 0.019563**
**msq : 0.015381**
**sparsity : 0.004182**

Original Images

Reconstructed Images

Wight Plots
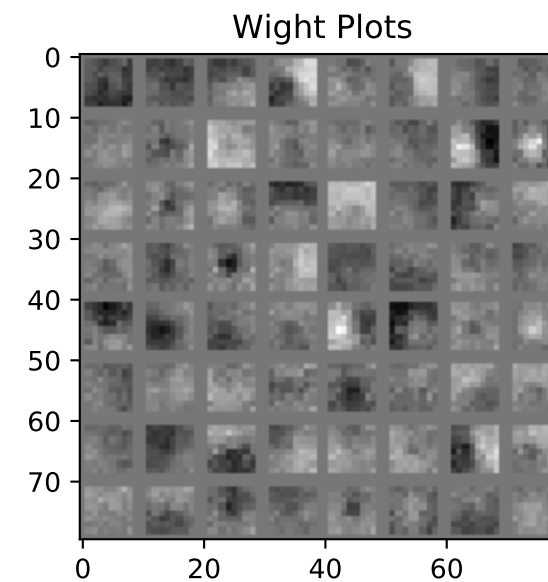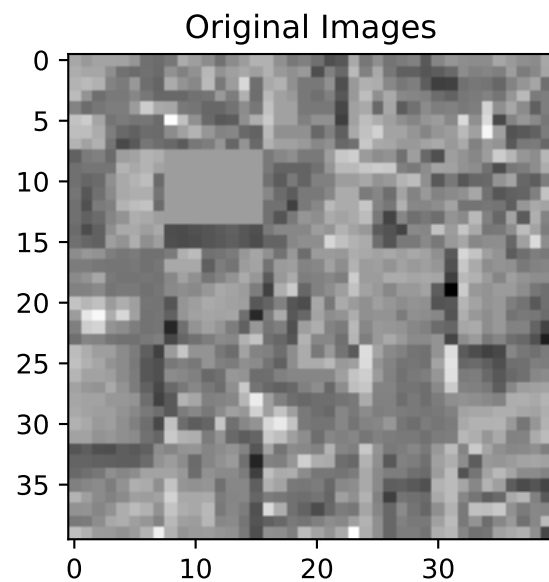
**Trained model : 71**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 5000**
**beta : 0.000100**
**loss : 0.008708**
**msq : 0.008705**
**sparsity : 0.038959**



Original Images



Reconstructed Images



Wight Plots
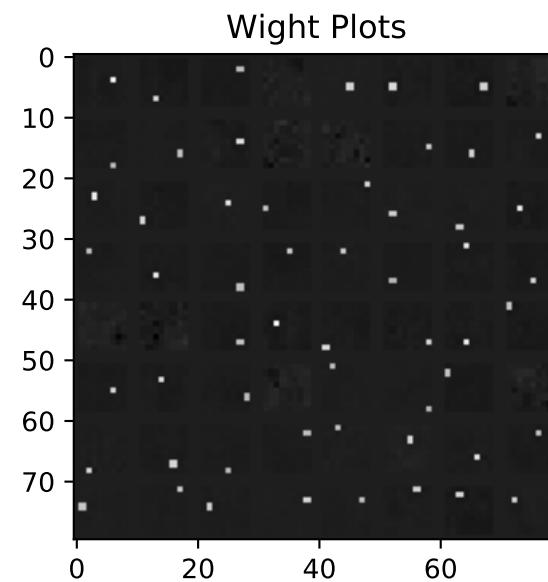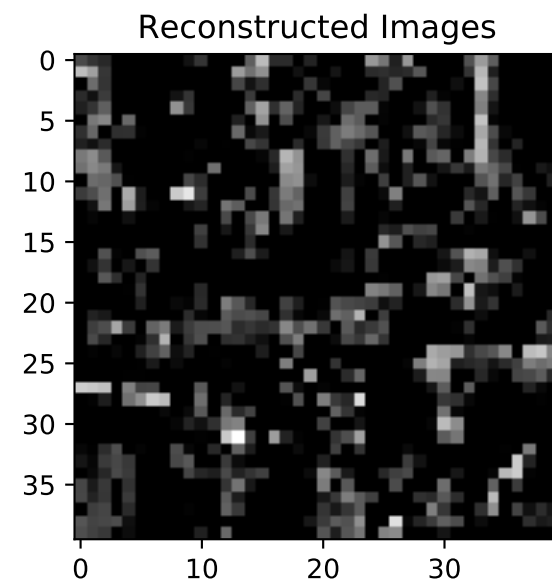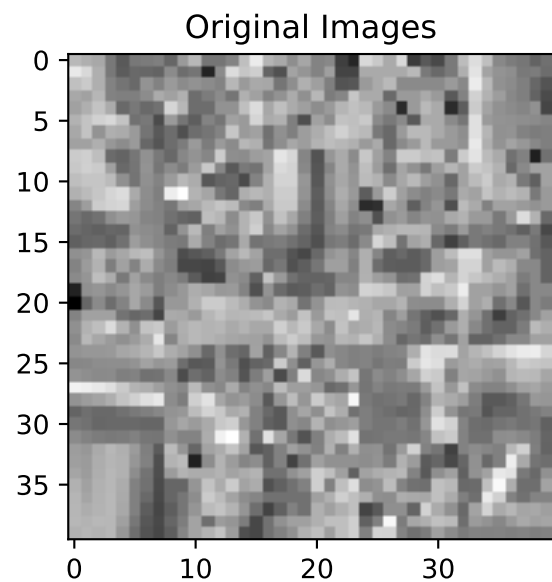
**Trained model : 72**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.015096**
**msq : 0.015007**
**sparsity : 0.089073**

Original Images

Reconstructed Images

Wight Plots
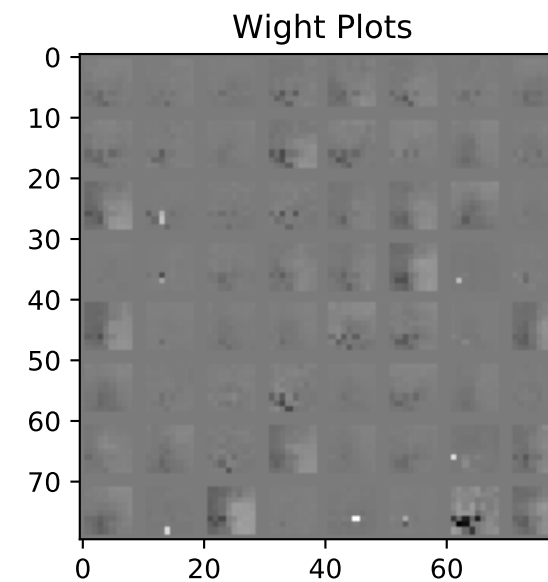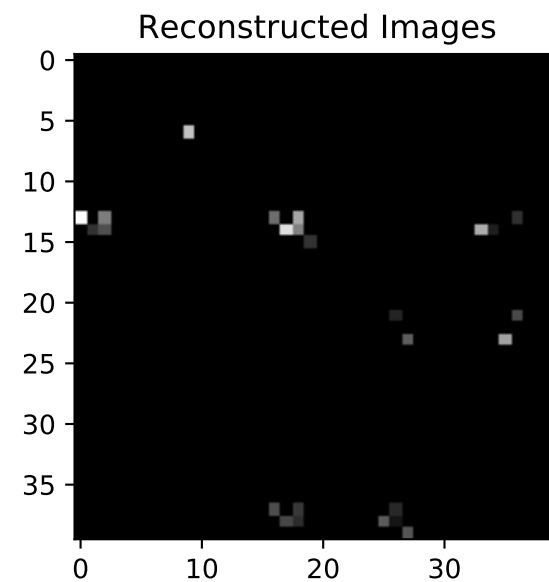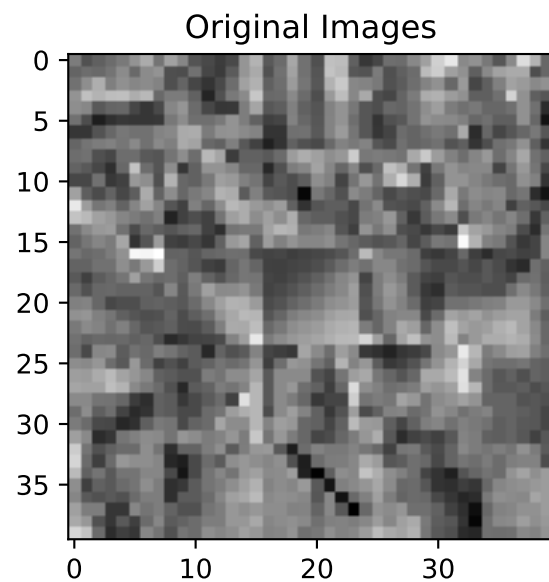
**Trained model : 73**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.015432**
**msq : 0.015406**
**sparsity : 0.002603**

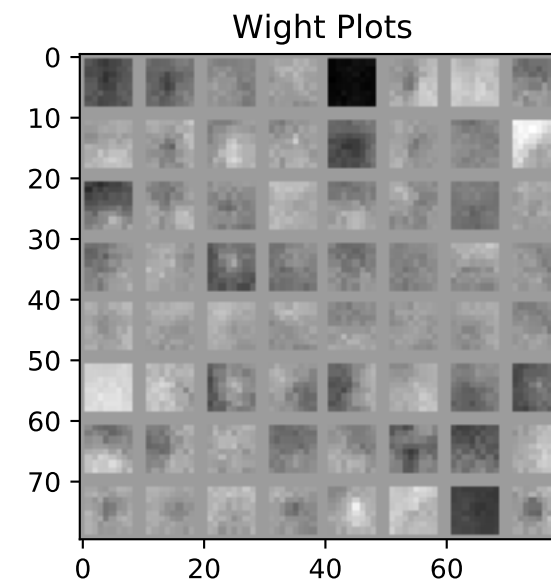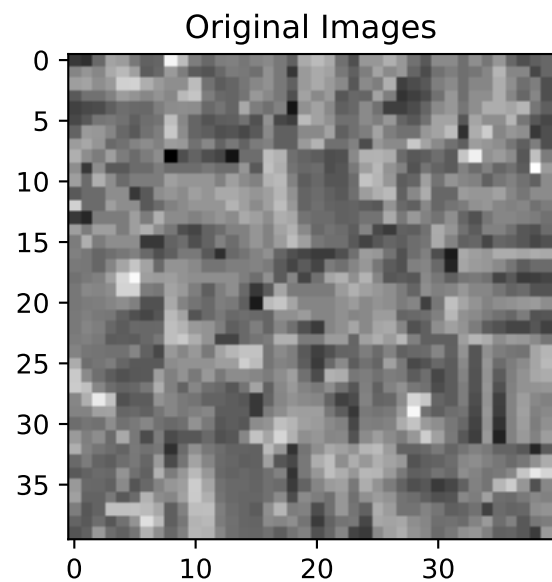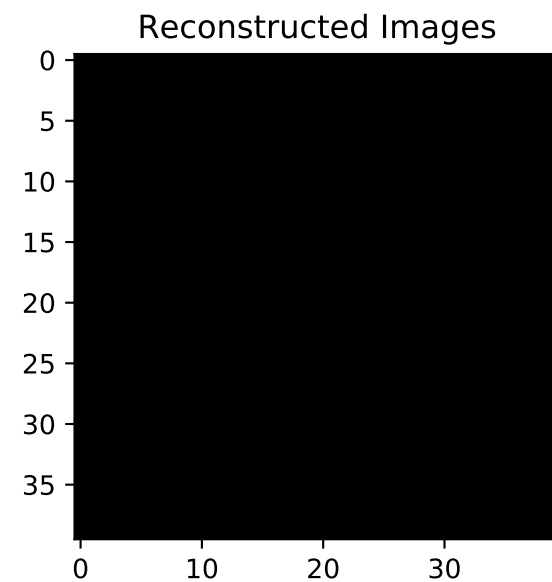

Original Images
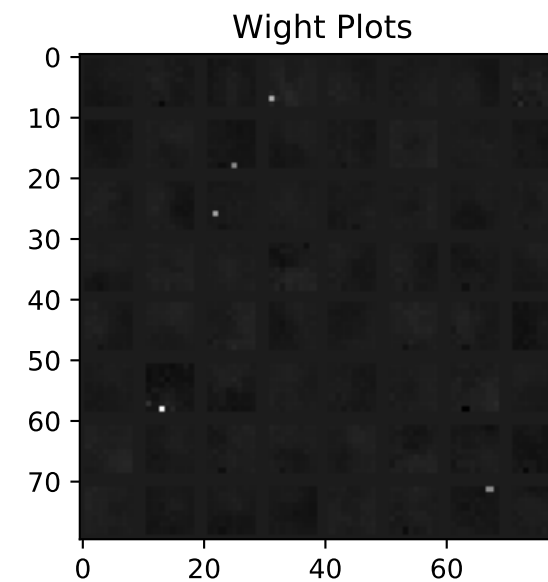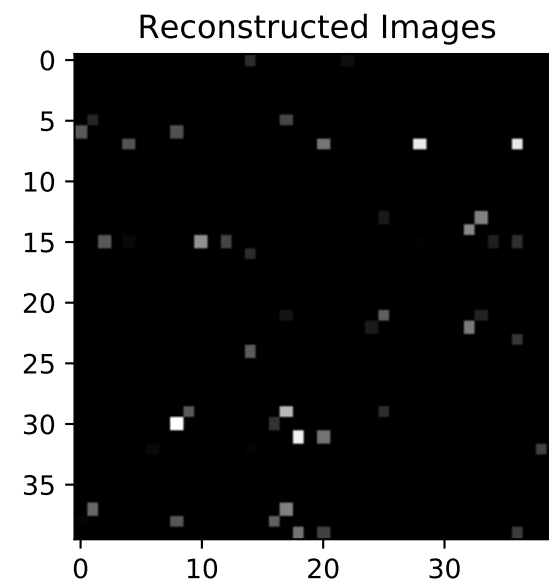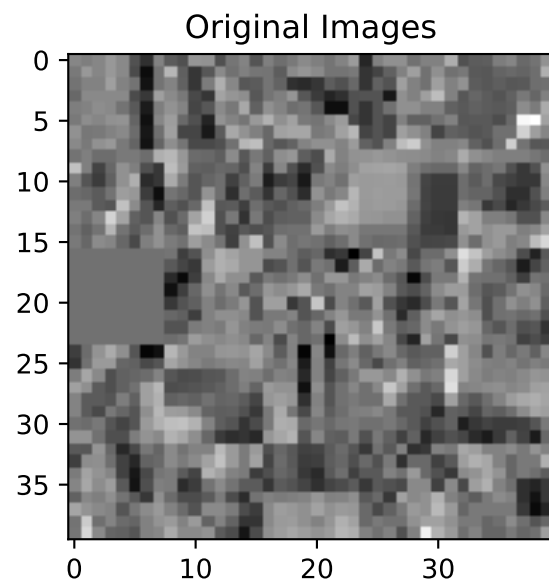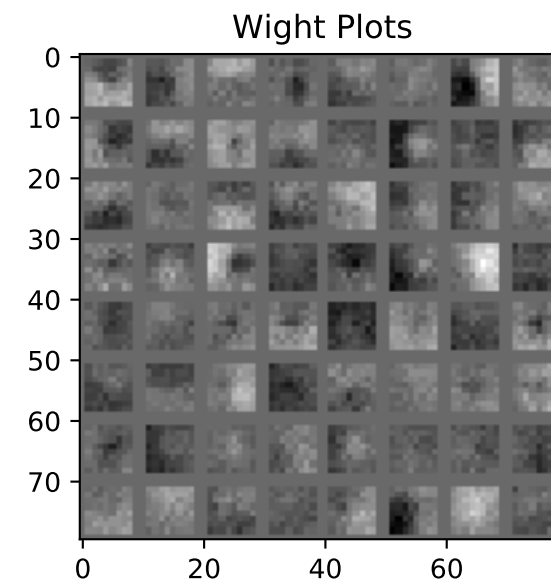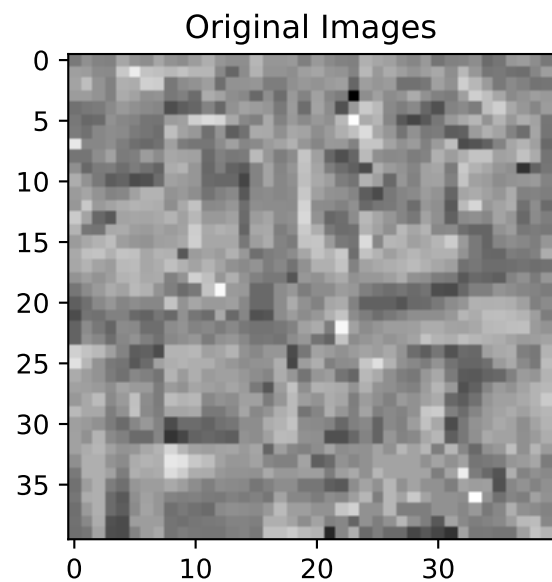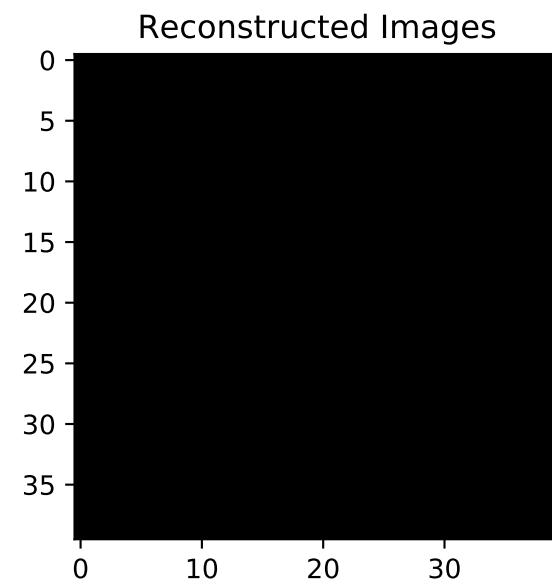


Reconstructed Images



Wight Plots

**Trained model : 74**

wscale : 0.001000
learn_rate : 0.050000
batch size : 5000
beta : 0.100000
loss : 0.015395
msq : 0.014886
sparsity : 0.005091

Original Images
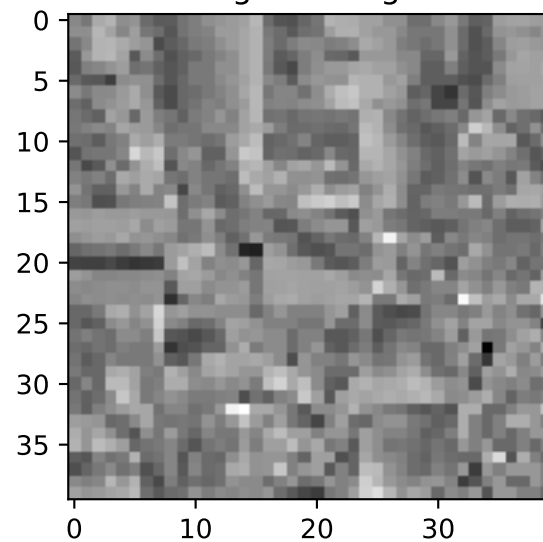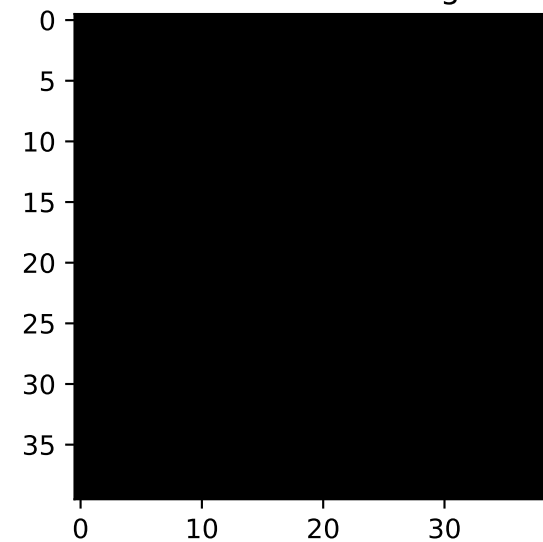
Reconstructed Images

Wight Plots

**Trained model : 75**

_____

**wscale : 0.001000**
**learn_rate : 0.050000**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.019304**
**msq : 0.015450**
**sparsity : 0.003854**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 76**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 0.000100**
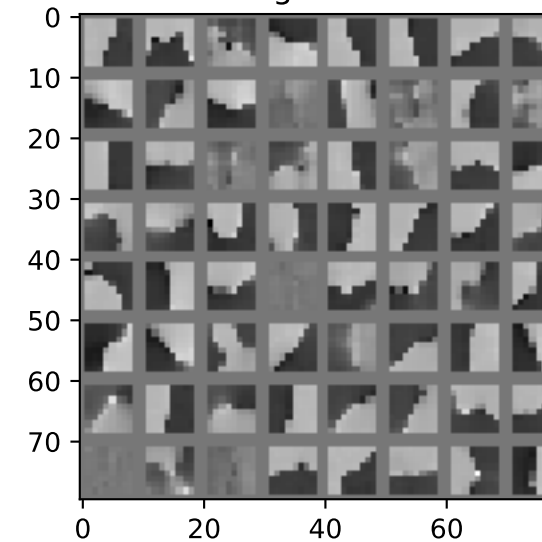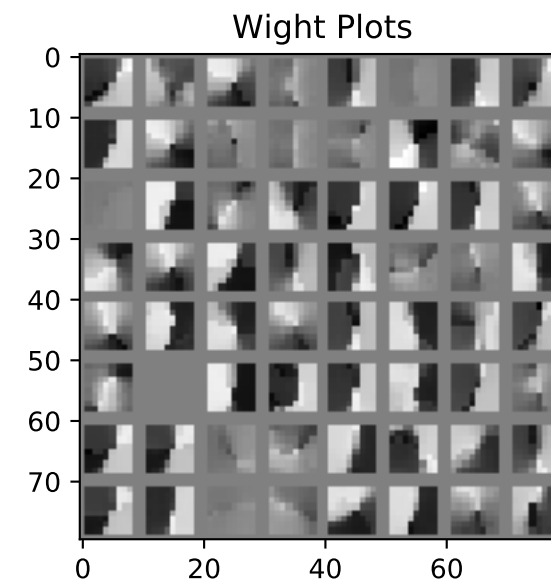**loss : 0.015618**
**msq : 0.015412**
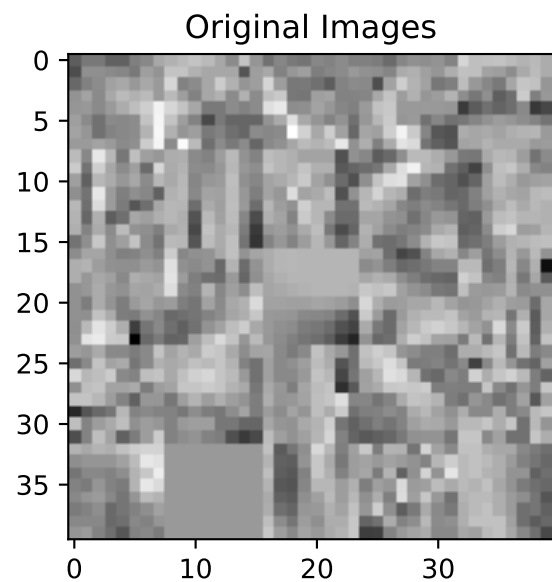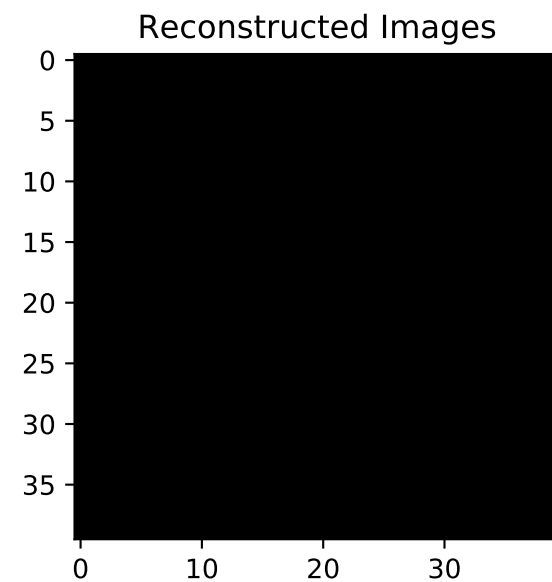**sparsity : 2.053580**



Original Images

Reconstructed Images

Wight Plots

**Trained model : 77**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 0.001000**
**loss : 0.022885**
**msq : 0.015440**
**sparsity : 7.444608**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 78**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.015449**
**msq : 0.015387**
**sparsity : 0.006149**



Original Images

Reconstructed Images

Wight Plots
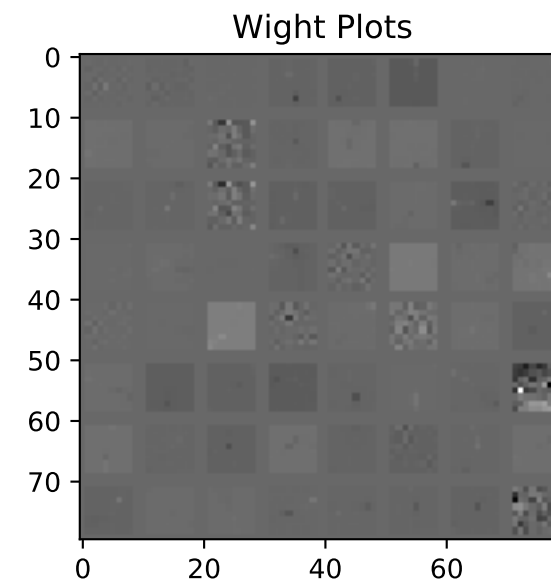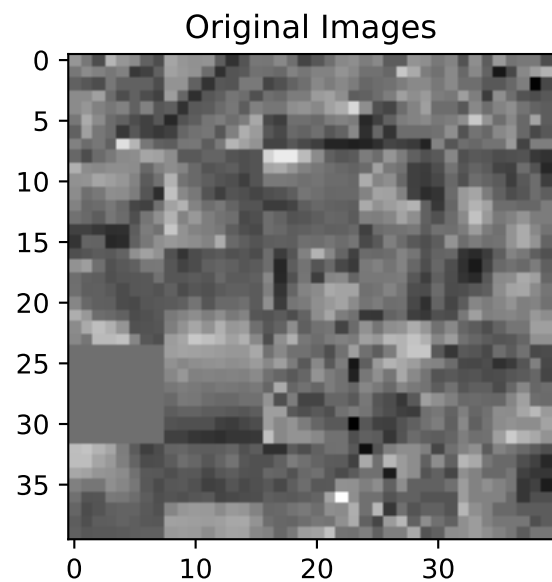
**Trained model : 79**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 0.100000**
**loss : 0.016564**
**msq : 0.015397**
**sparsity : 0.011672**



Original Images



Reconstructed Images



Wight Plots
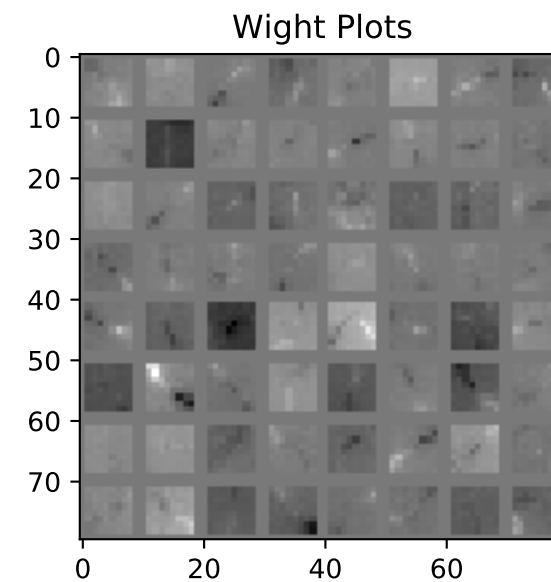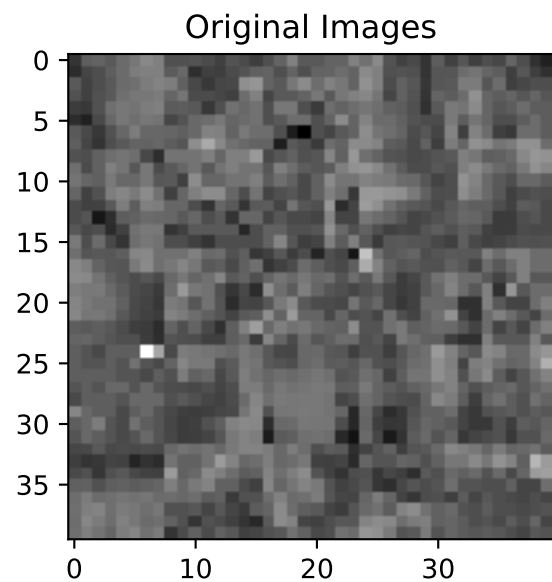
**Trained model : 80**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 1.000000**
**loss : 0.044879**
**msq : 0.015409**
**sparsity : 0.029470**



Original Images



Reconstructed Images



Wight Plots
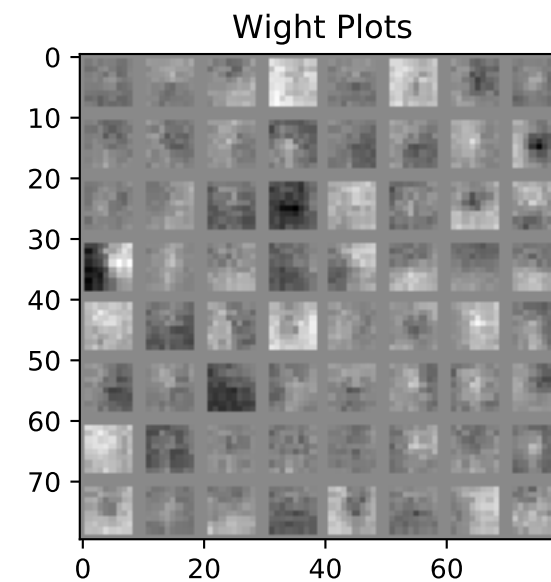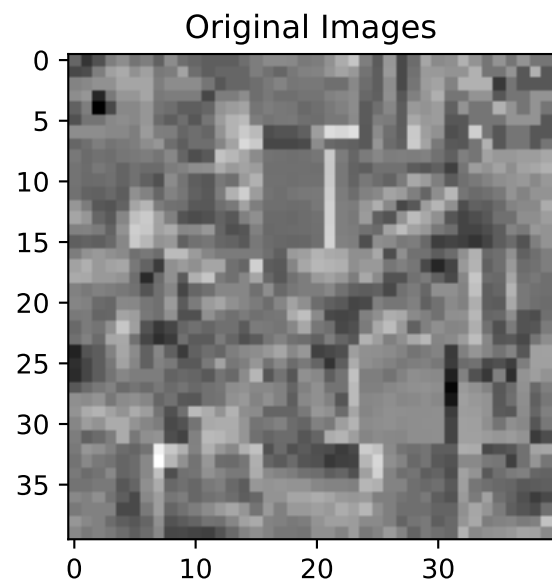
**Trained model : 81**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.015566**
**msq : 0.015428**
**sparsity : 1.382526**

Original Images

Reconstructed Images

Wight Plots
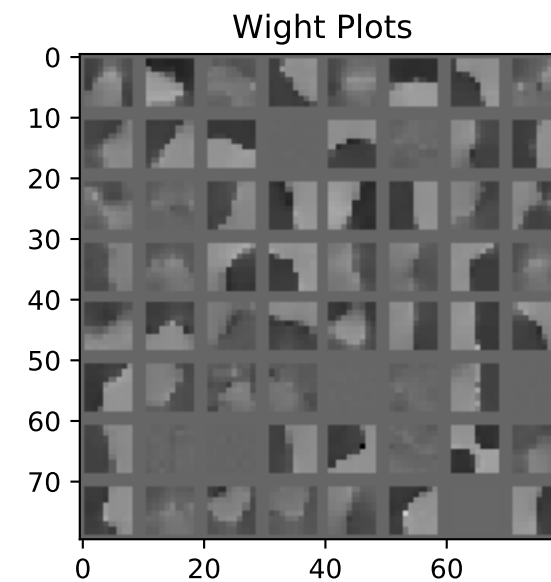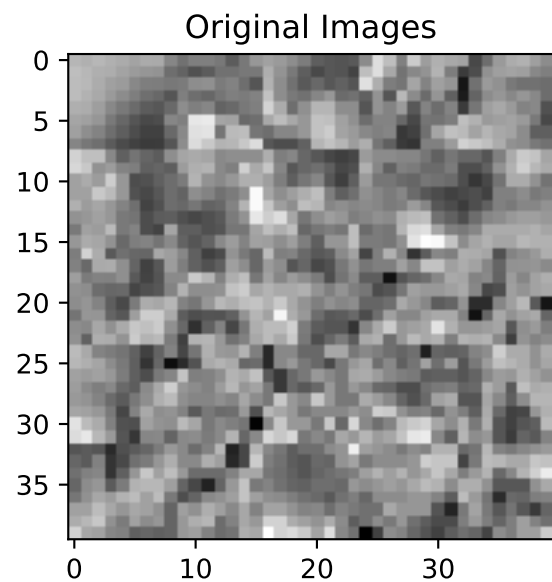
**Trained model : 82**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.015418**
**msq : 0.015378**
**sparsity : 0.040497**



Original Images



Reconstructed Images



Wight Plots
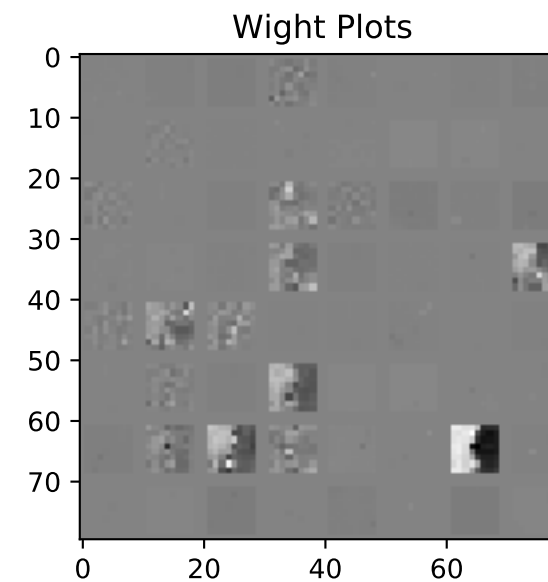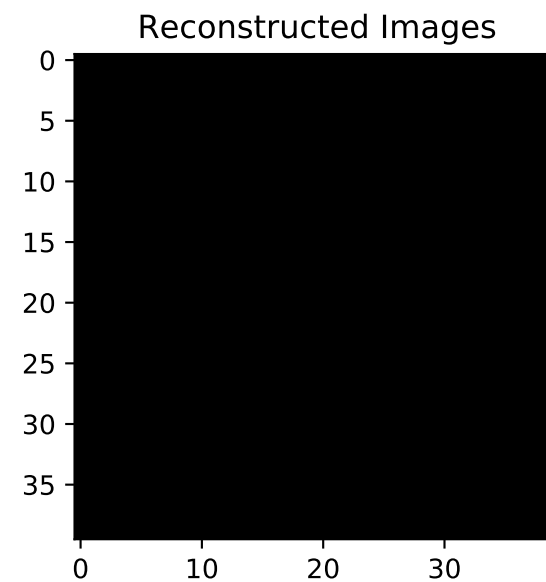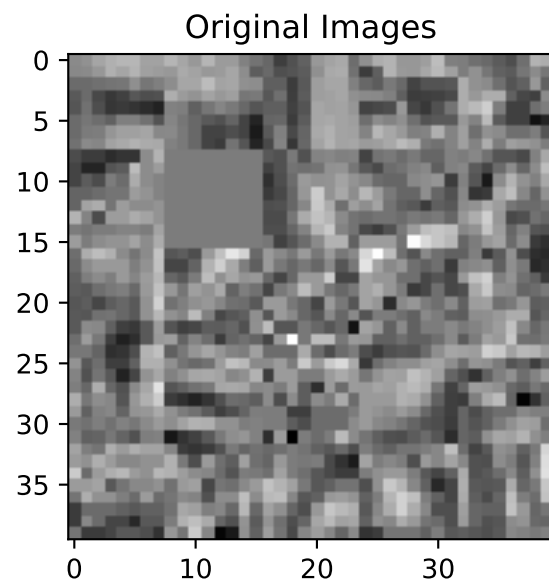
**Trained model : 83**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 0.010000**
**loss : 0.015863**
**msq : 0.015400**
**sparsity : 0.046339**

Original Images

Reconstructed Images

Wight Plots
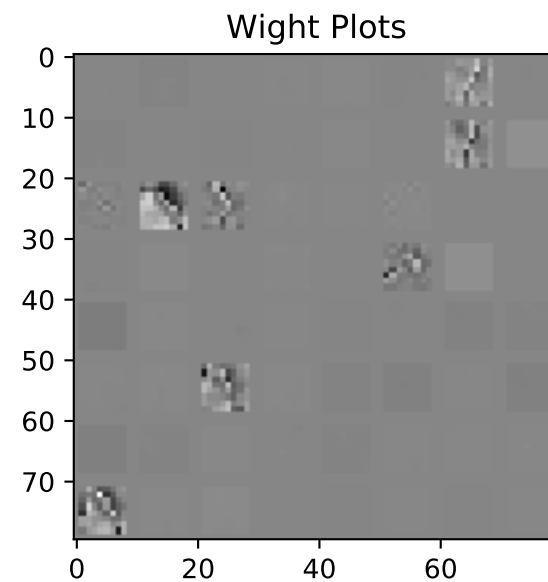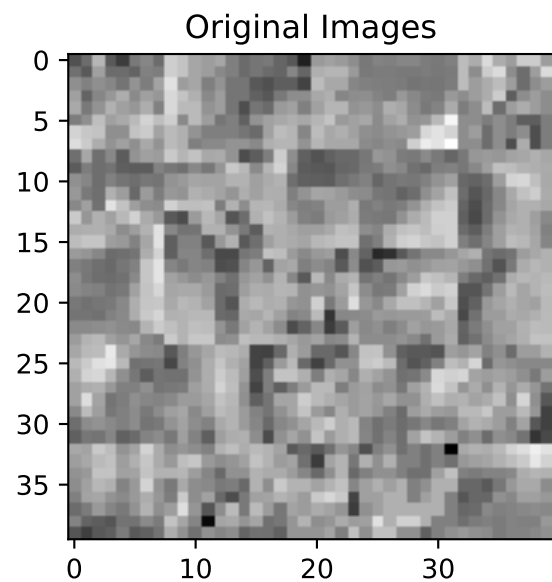
**Trained model : 84**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 0.100000**
**loss : 0.017095**
**msq : 0.015400**
**sparsity : 0.016956**



Original Images



Reconstructed Images



Wight Plots
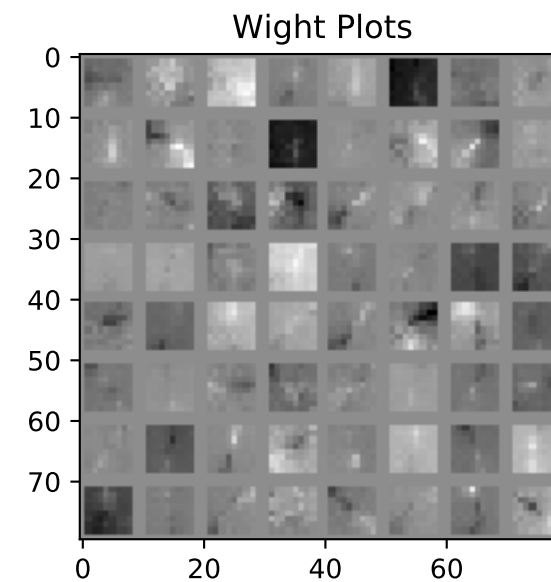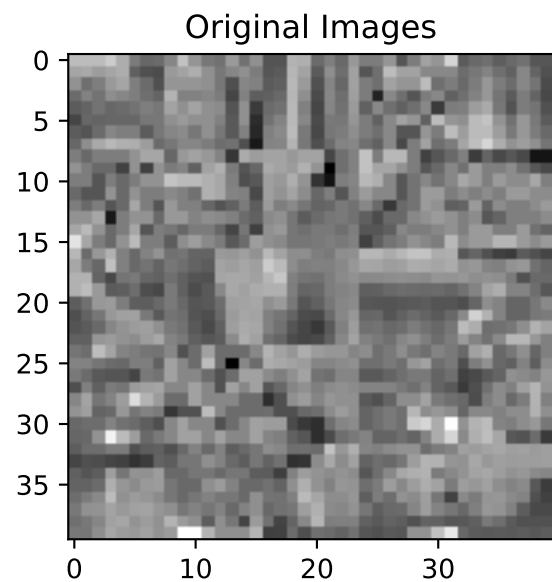
**Trained model : 85**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 1.000000**
**loss : 0.046061**
**msq : 0.015431**
**sparsity : 0.030630**
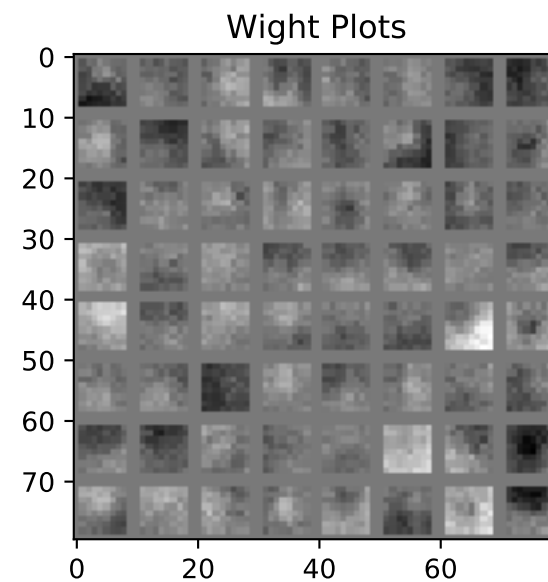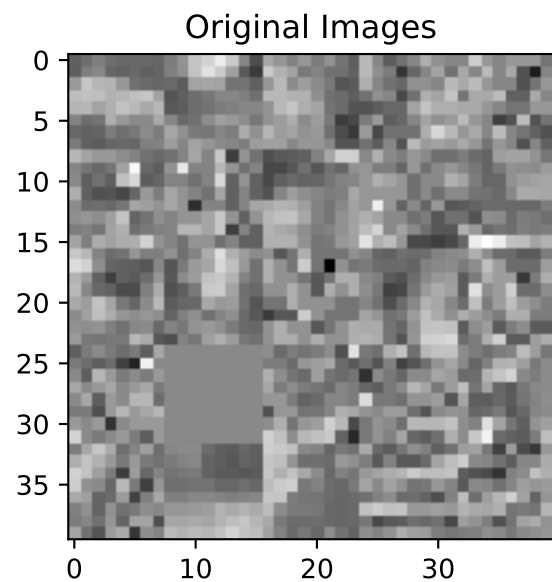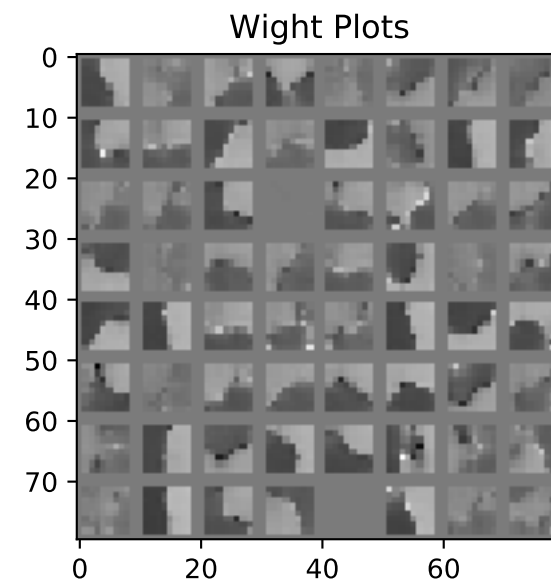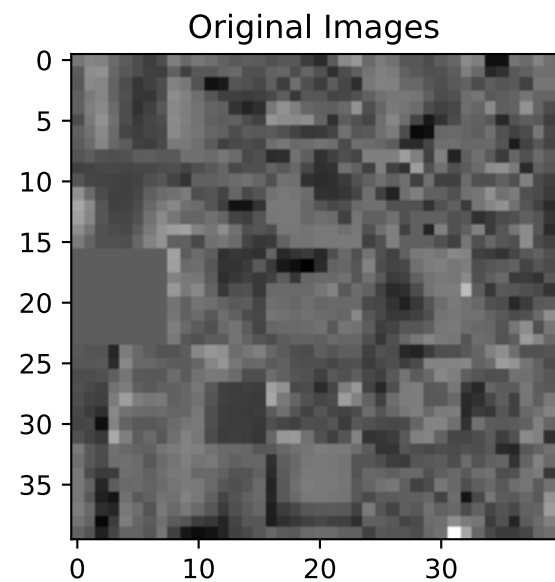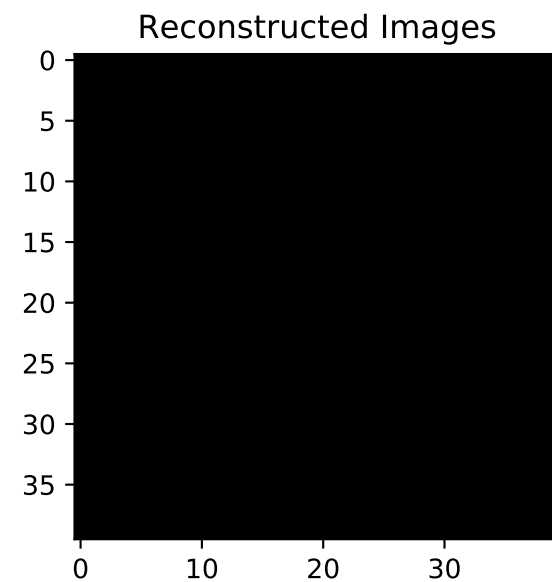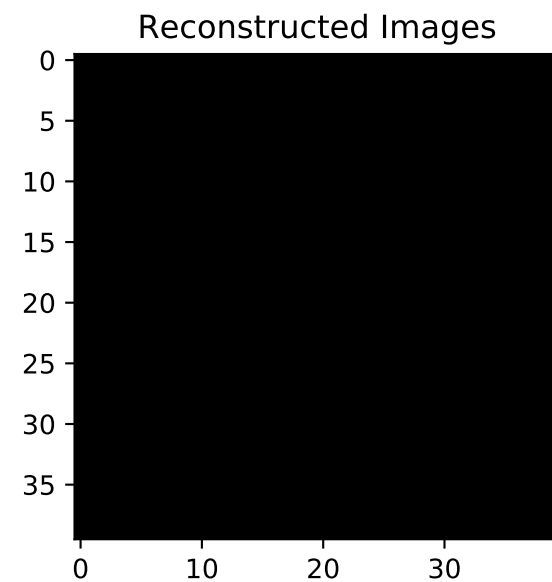
Original Images
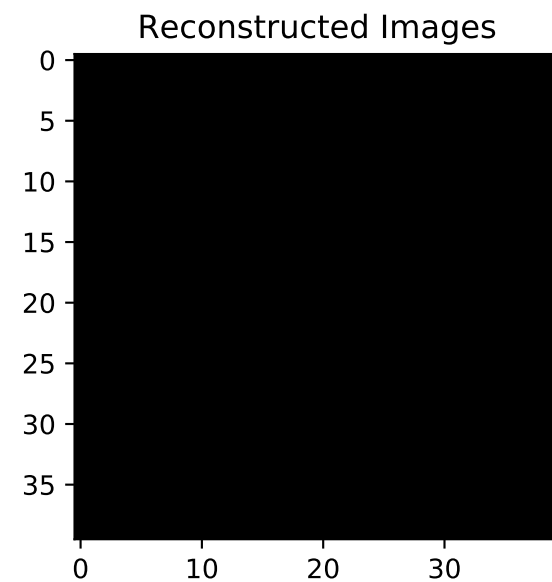
Reconstructed Images

Wight Plots

**Trained model : 86**

wscale : 0.001000
learn_rate : 0.500000
batch size : 3000
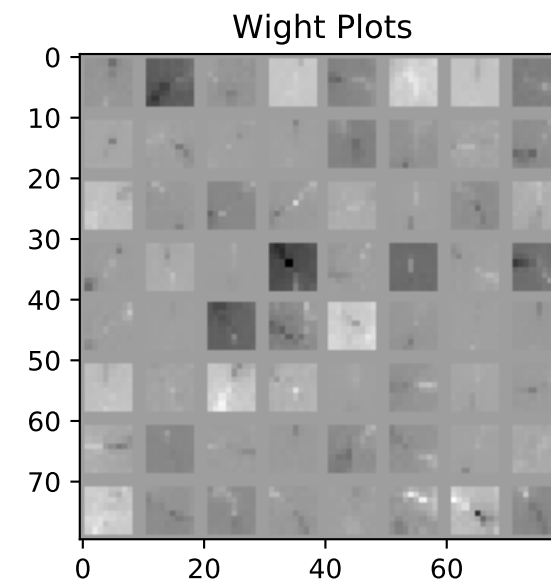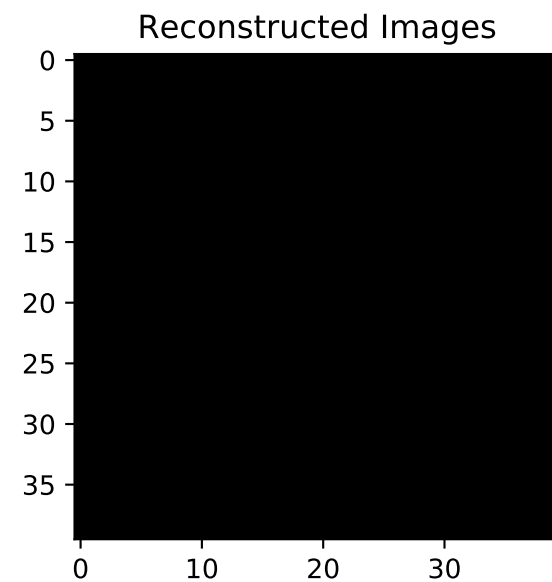beta : 0.000100
loss : 0.015513
msq : 0.015415
sparsity : 0.975059



Original Images

Reconstructed Images

Wight Plots

**Trained model : 87**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 3000**
**beta : 0.001000**
**loss : 0.015443**
**msq : 0.015440**
**sparsity : 0.002497**



Original Images



Reconstructed Images



Wight Plots
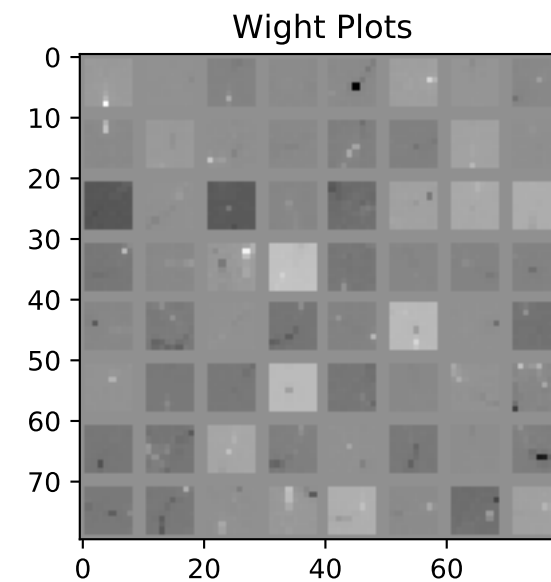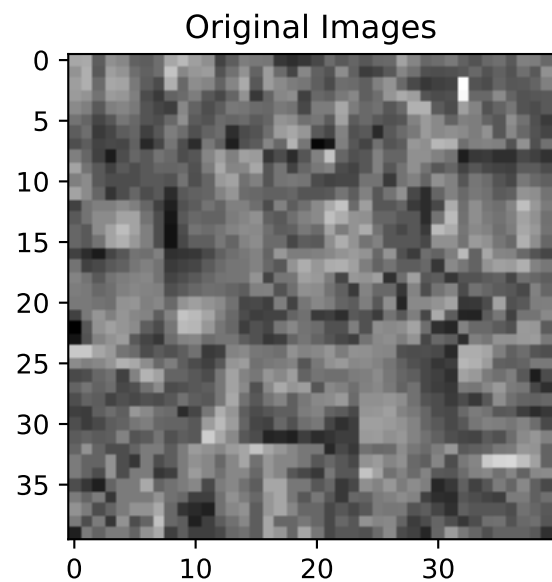
**Trained model : 88**

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**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.015457**
**msq : 0.015369**
**sparsity : 0.008893**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 89**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 3000**
**beta : 0.100000**
**loss : 0.017556**
**msq : 0.015341**
**sparsity : 0.022156**
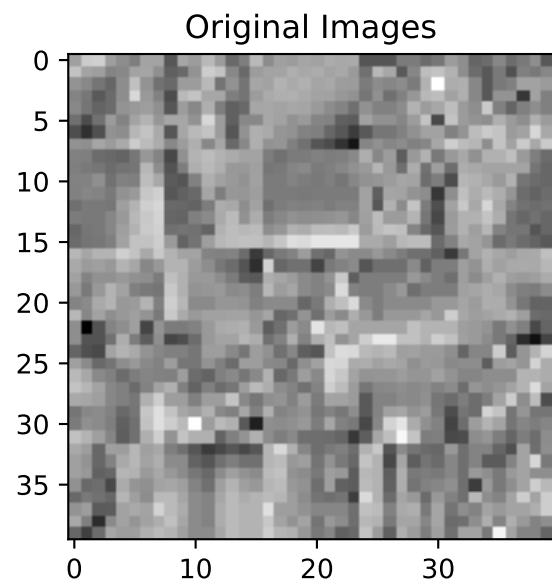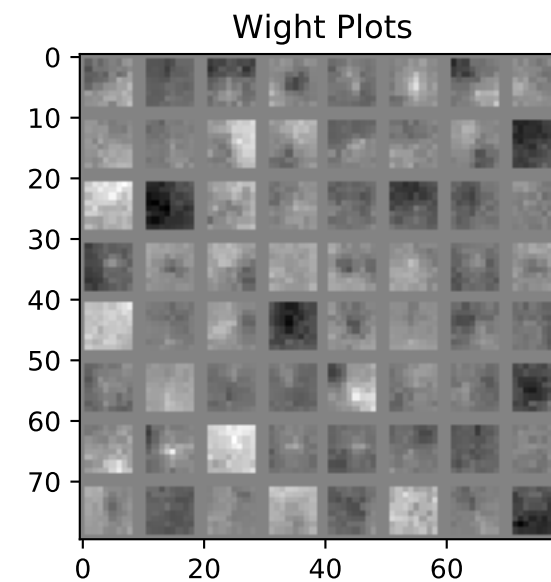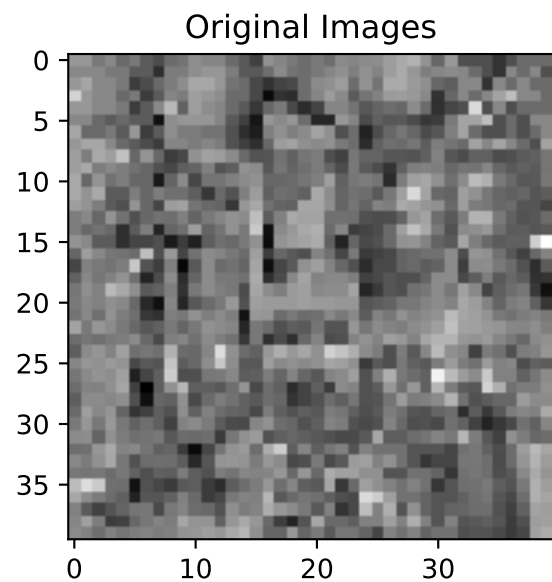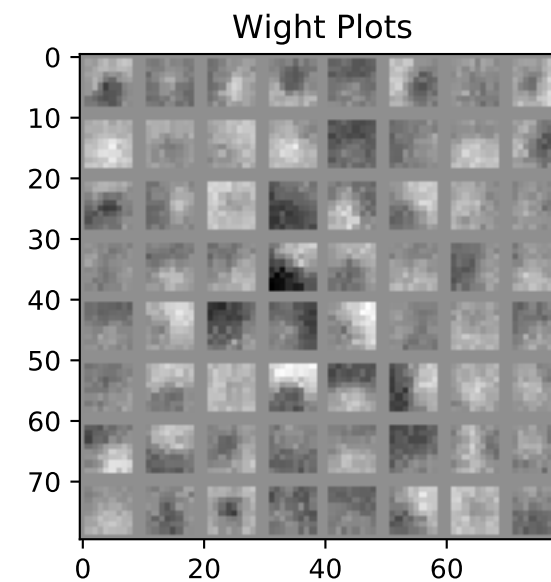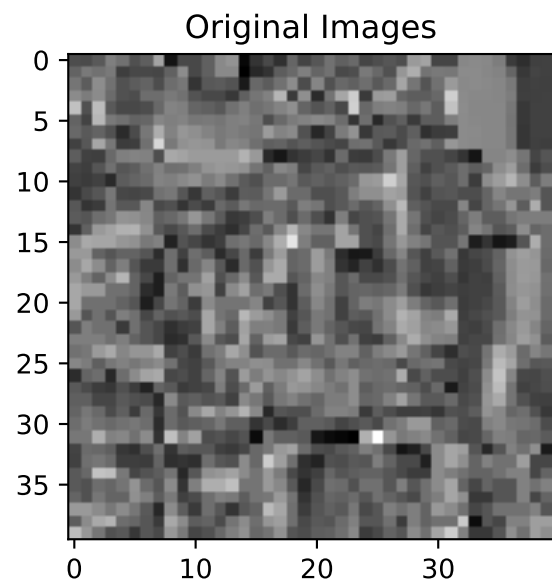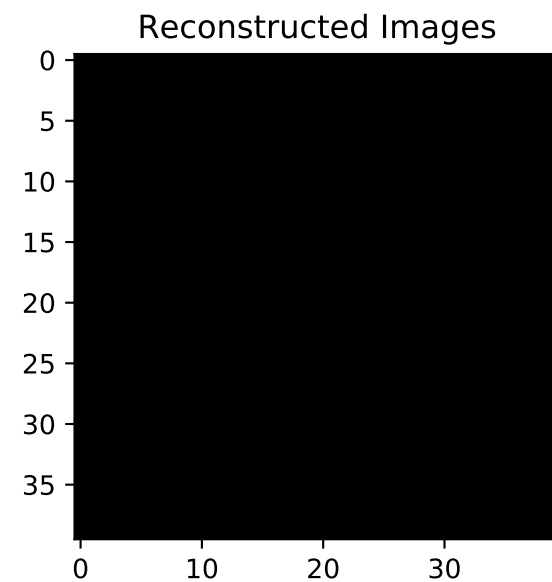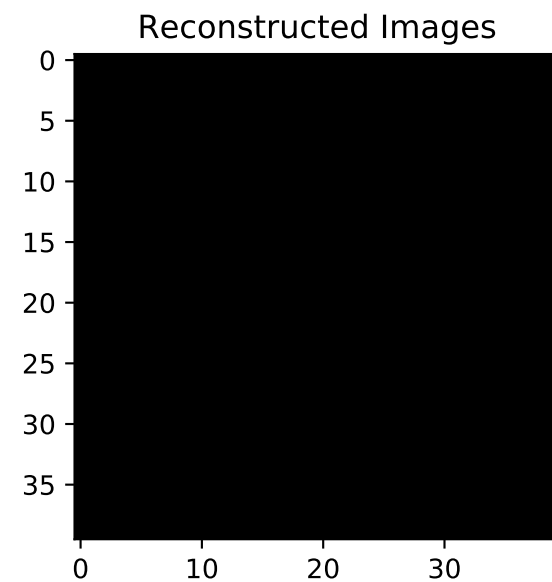
Original Images
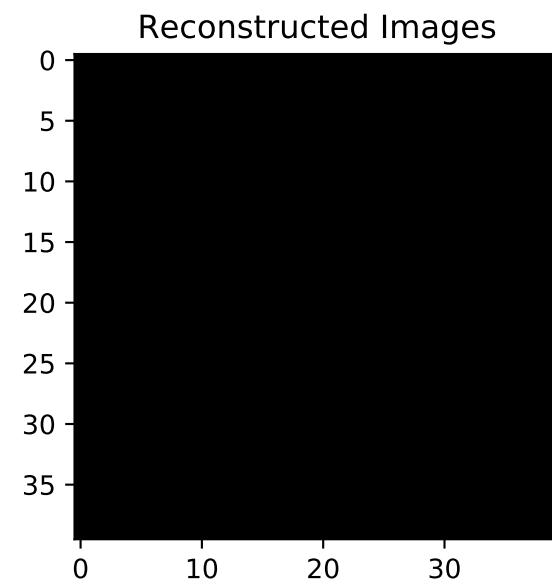
Reconstructed Images

Wight Plots

**Trained model : 90**

wscale : 0.001000
learn_rate : 0.500000
batch size : 3000
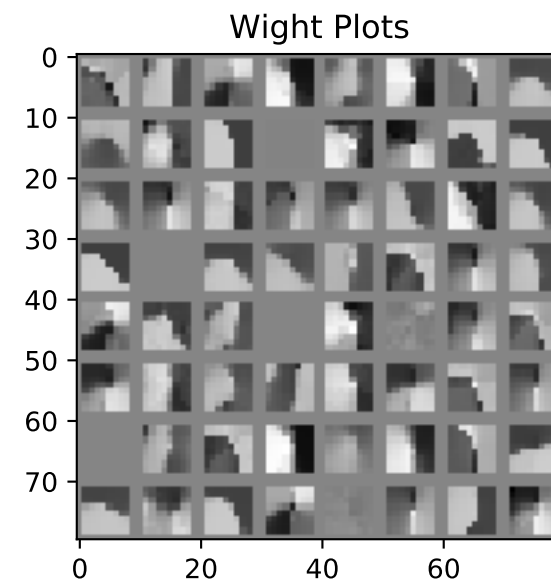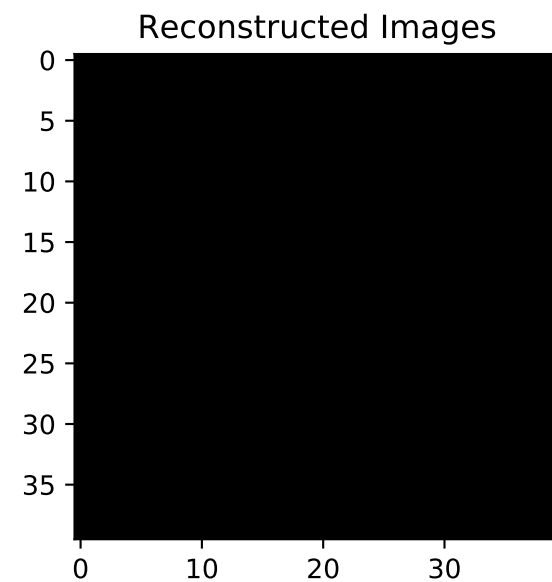beta : 1.000000
loss : 0.055511
msq : 0.015422
sparsity : 0.040089

Original Images

Reconstructed Images

Wight Plots

**Trained model : 91**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 4000**
**beta : 0.000100**
**loss : 0.015450**
**msq : 0.015437**
**sparsity : 0.130093**
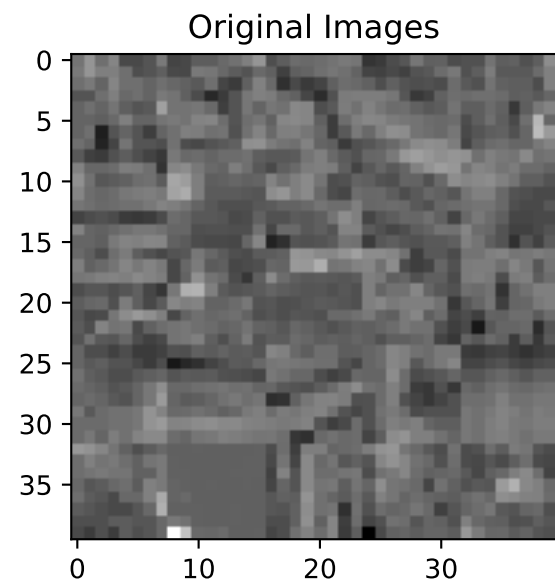


Original Images

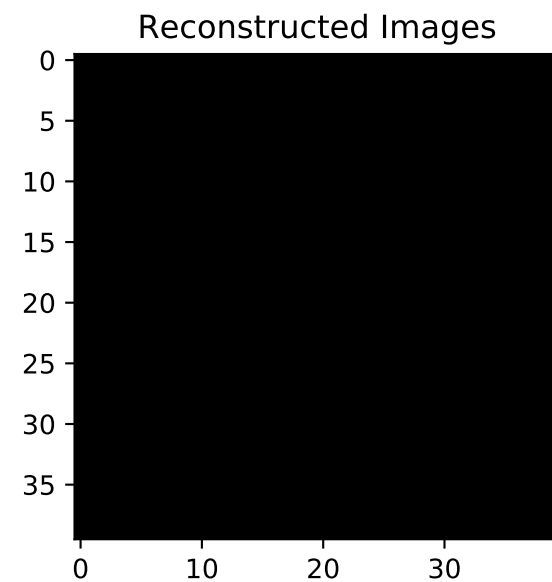

Reconstructed Images



Wight Plots
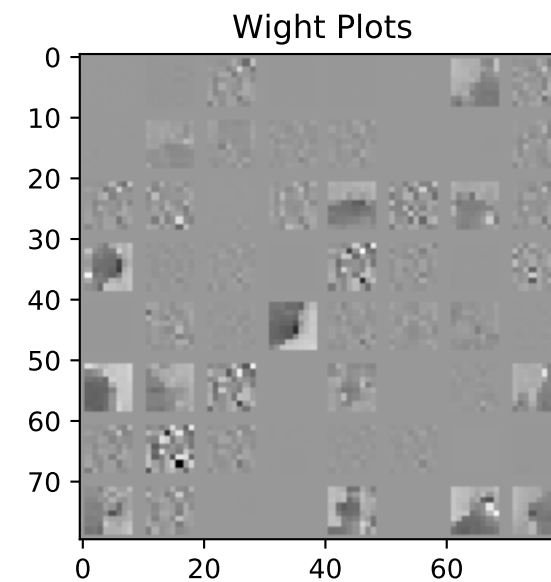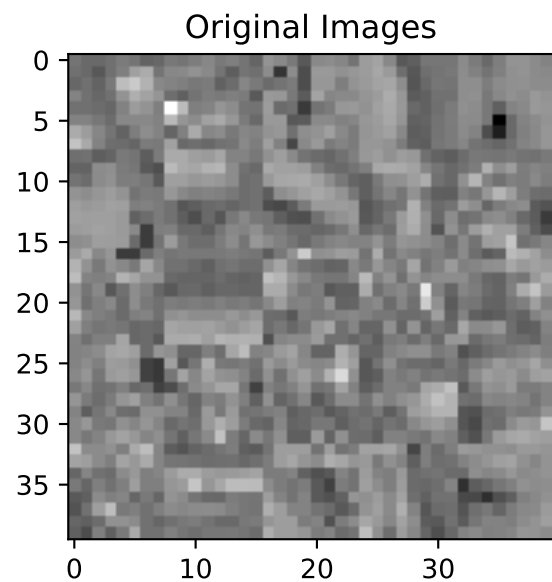
**Trained model : 92**

wscale : 0.001000
learn_rate : 0.500000
batch size : 4000
beta : 0.001000
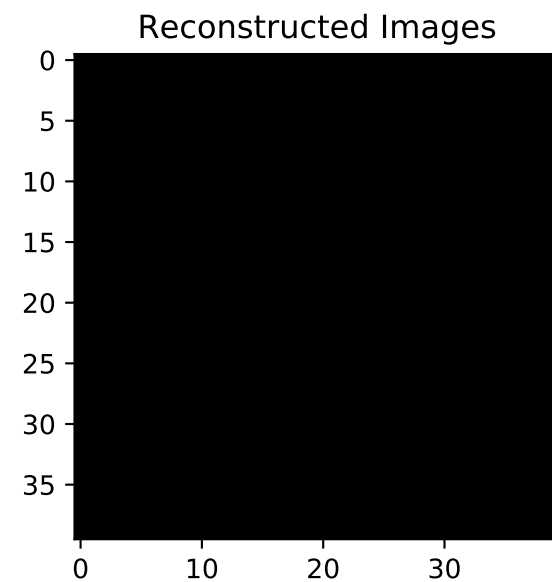loss : 0.027937
msq : 0.015347
sparsity : 12.590480



Original Images



Reconstructed Images



Wight Plots

**Trained model : 93**
_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.015509**
**msq : 0.015425**
**sparsity : 0.008417**

Original Images

Reconstructed Images

Wight Plots
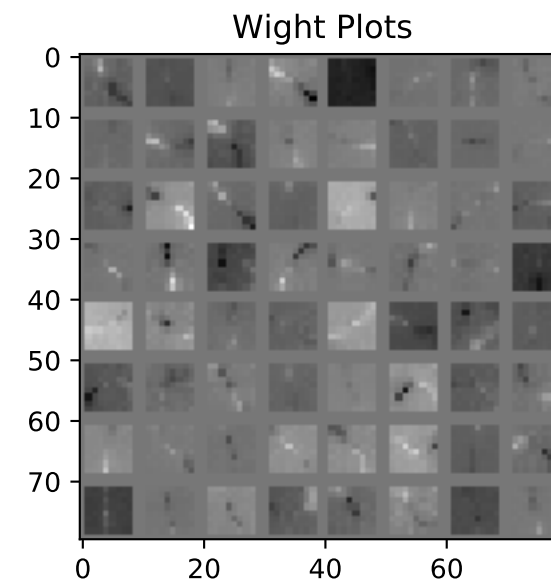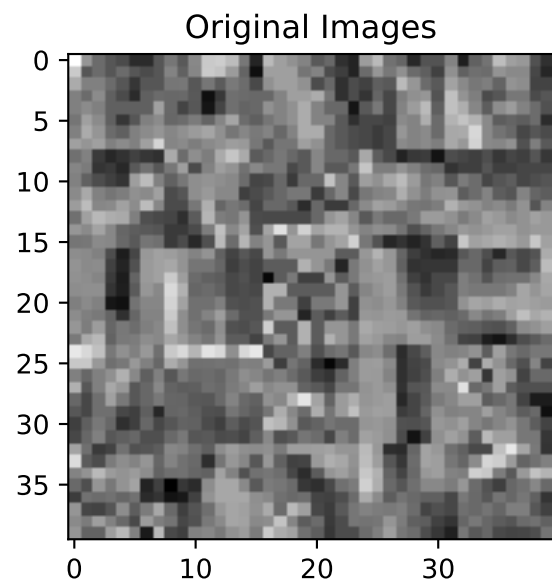
**Trained model : 94**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 4000**
**beta : 0.100000**
**loss : 0.017220**
**msq : 0.015400**
**sparsity : 0.018199**

Original Images

Reconstructed Images

Wight Plots
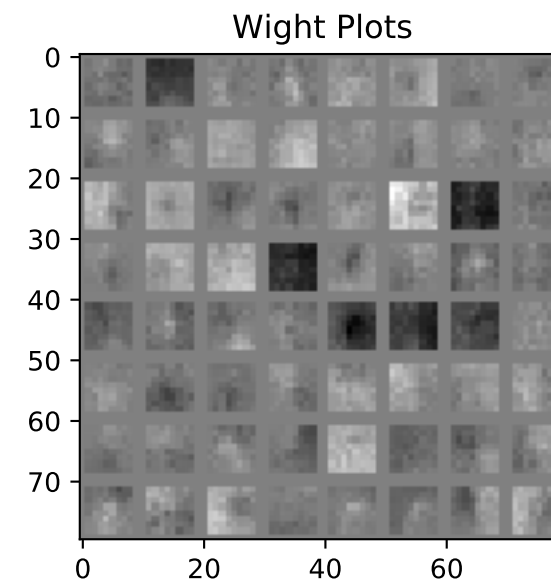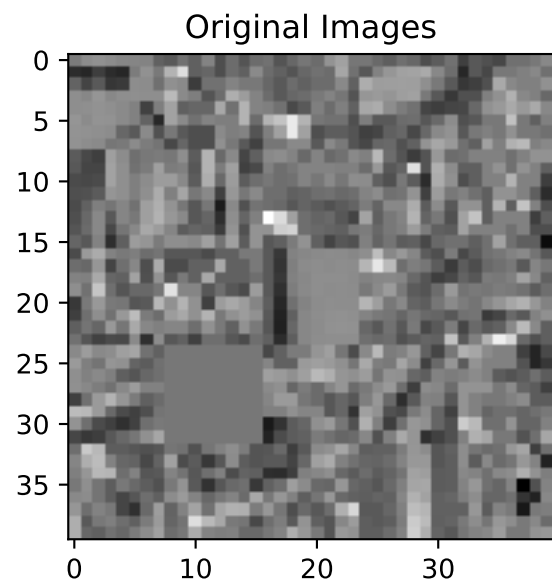
**Trained model : 95**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 4000**
**beta : 1.000000**
**loss : 0.057171**
**msq : 0.015412**
**sparsity : 0.041758**

Original Images

Reconstructed Images

Wight Plots
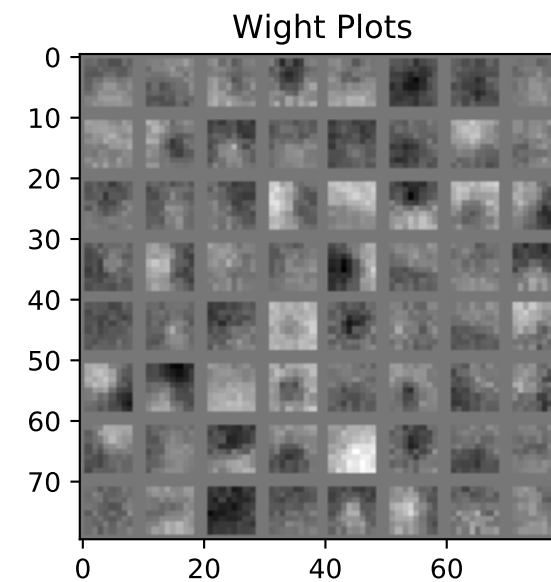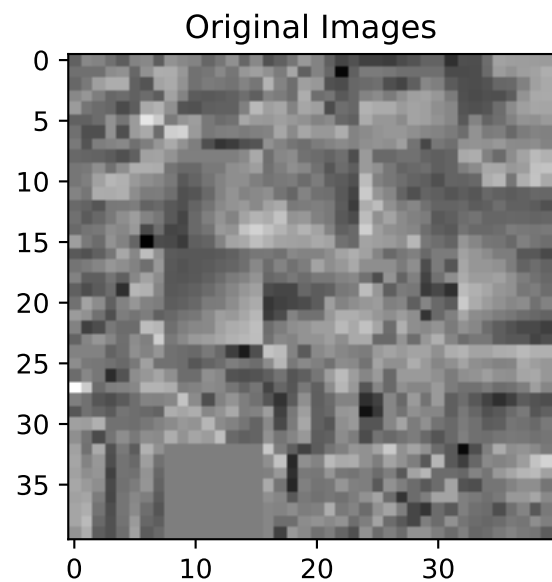
**Trained model : 96**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 0.000100**
**loss : 0.016103**
**msq : 0.015409**
**sparsity : 6.936302**

Original Images

Reconstructed Images

Wight Plots
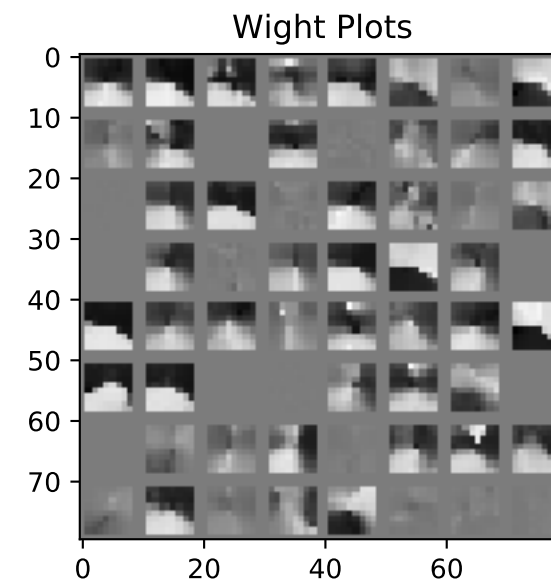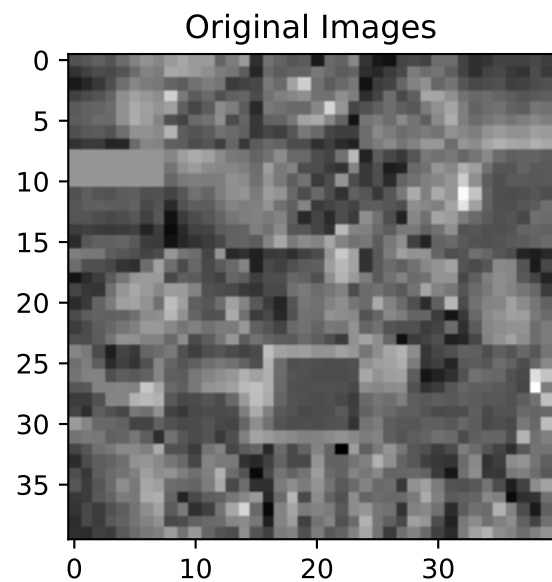
**Trained model : 97**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.015443**
**msq : 0.015422**
**sparsity : 0.021568**

Original Images

Reconstructed Images

Wight Plots
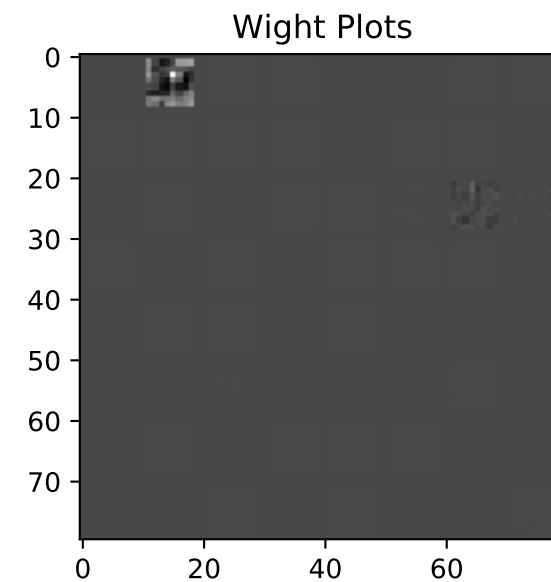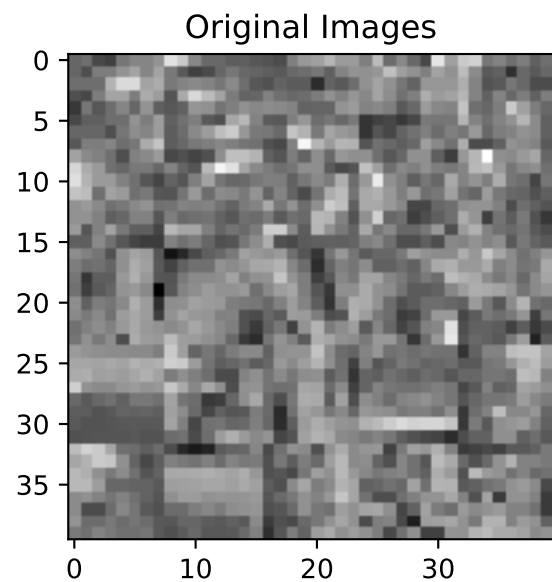
**Trained model : 98**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.015526**
**msq : 0.015422**
**sparsity : 0.010382**



Original Images



Reconstructed Images



Wight Plots
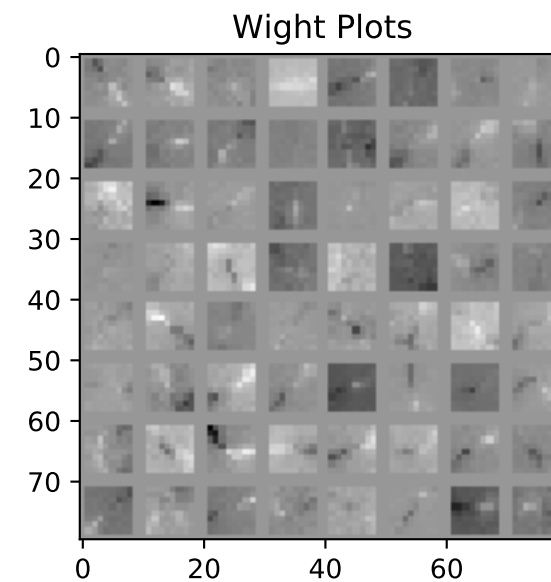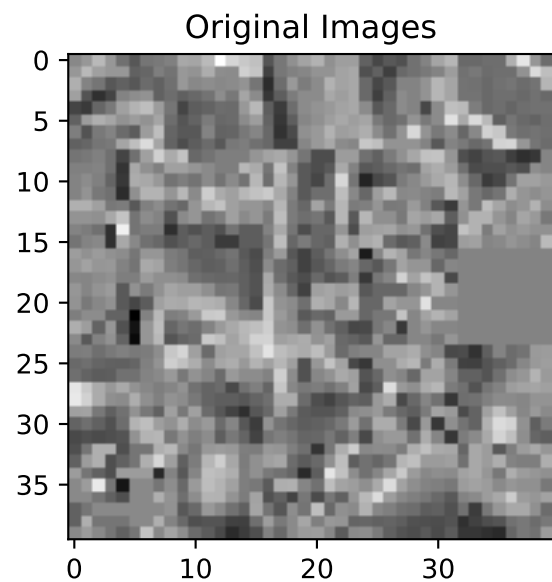
**Trained model : 99**

---

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 0.100000**
**loss : 0.018355**
**msq : 0.015365**
**sparsity : 0.029897**



Original Images

Reconstructed Images

Wight Plots
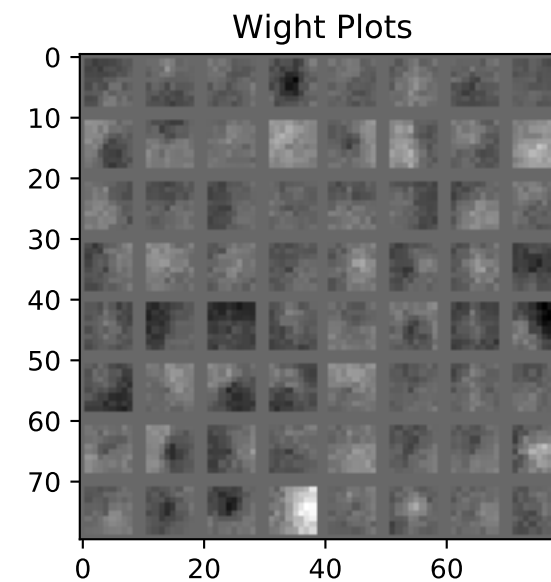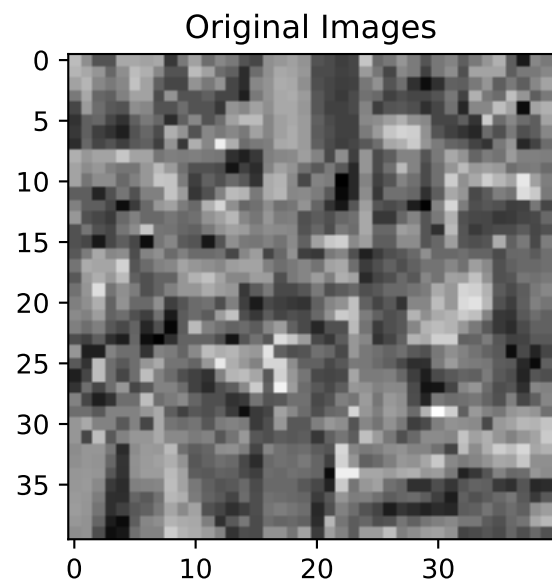
**Trained model : 100**

_____

**wscale : 0.001000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.052396**
**msq : 0.015394**
**sparsity : 0.037003**

Original Images

Reconstructed Images
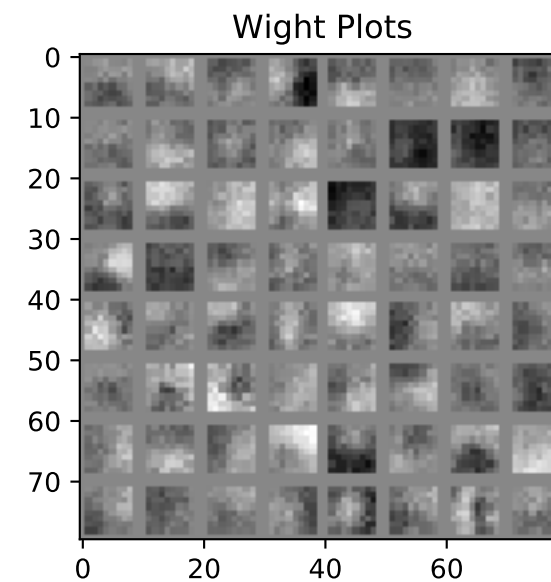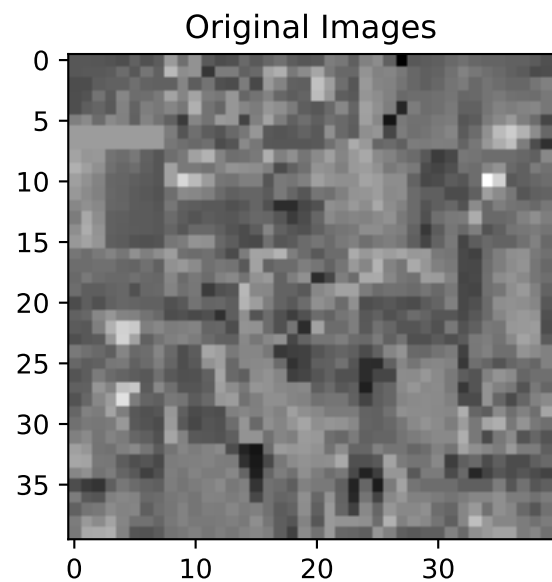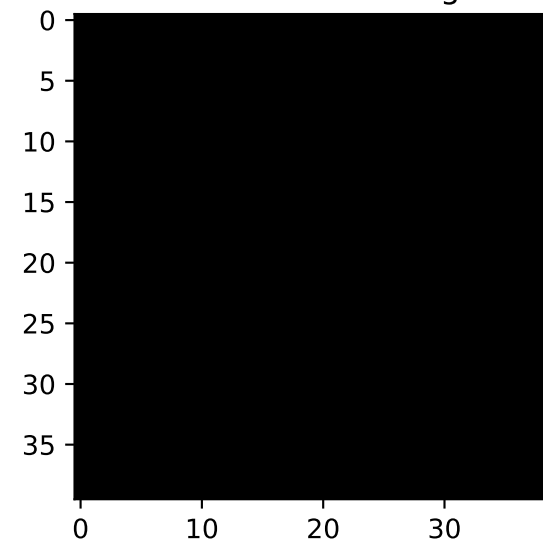
Wight Plots

**Trained model : 101**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 1000**
**beta : 0.000100**
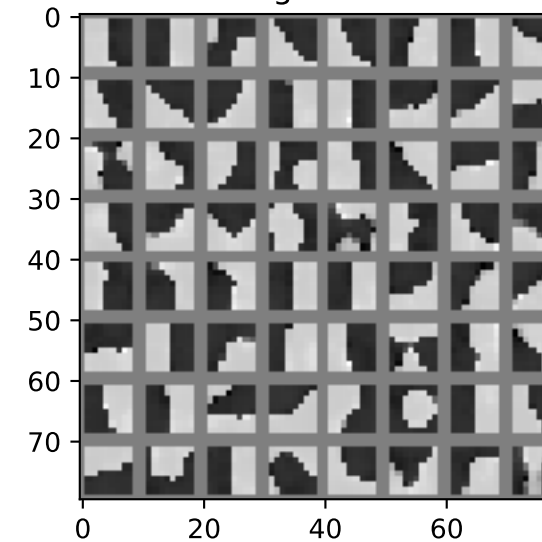**loss : 0.018032**
**msq : 0.015428**
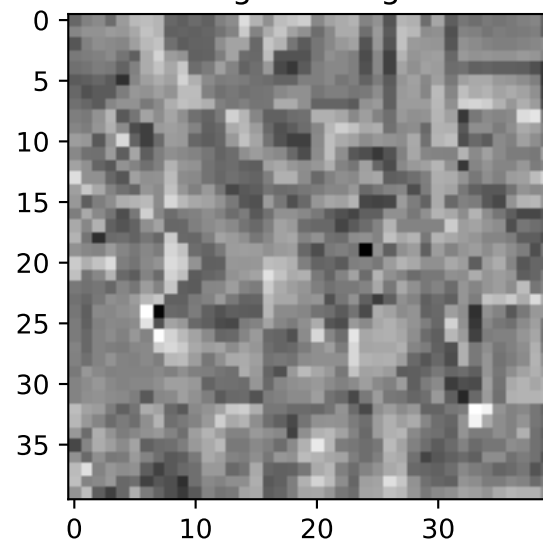**sparsity : 26.043129**



Original Images
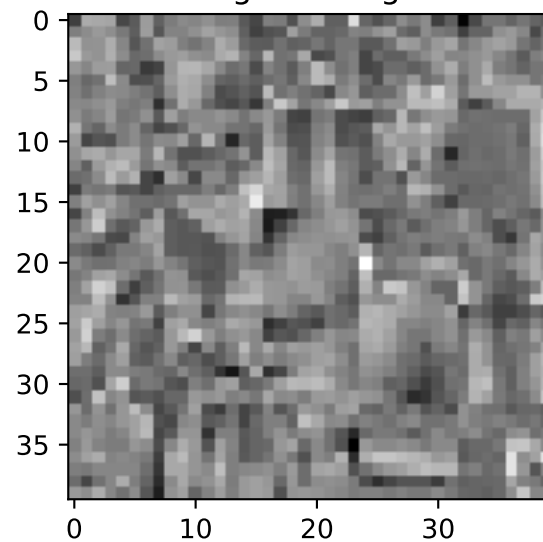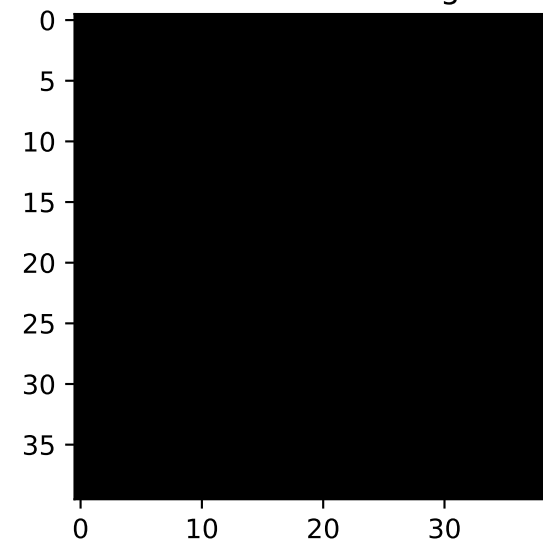
Reconstructed Images

Wight Plots

**Trained model : 102**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 1000**
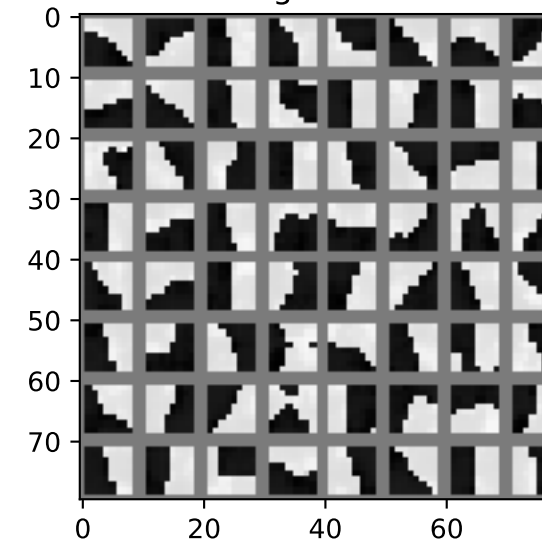**beta : 0.001000**
**loss : 0.041677**
**msq : 0.015394**
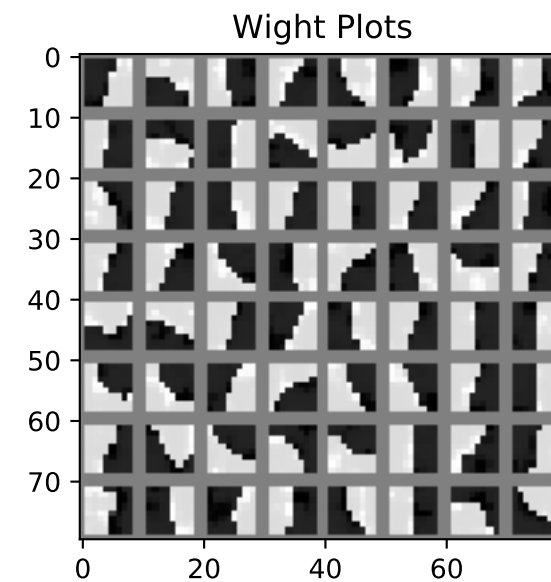**sparsity : 26.283438**
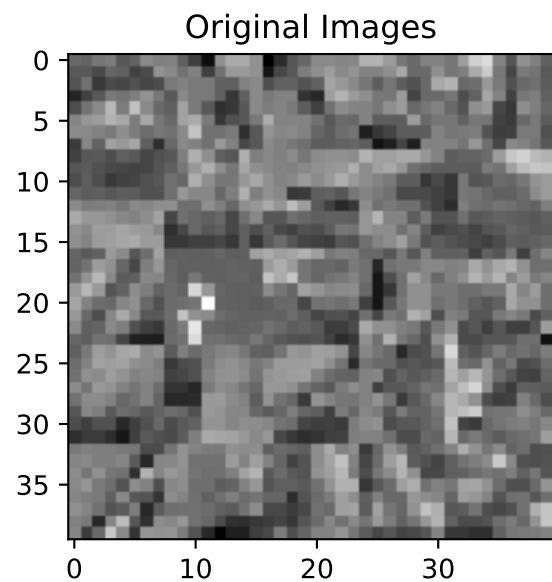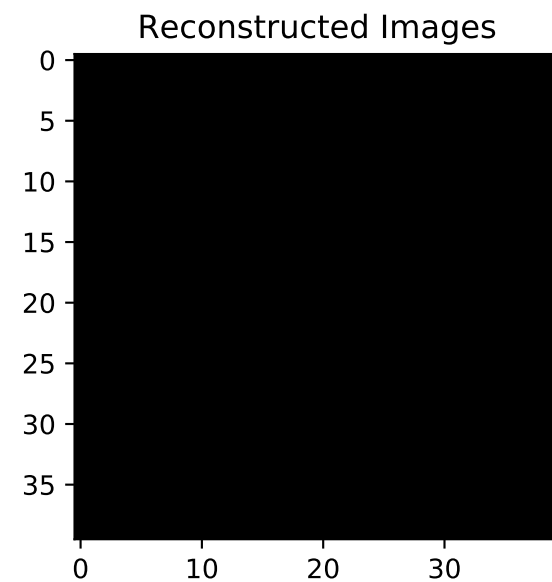


Original Images



Reconstructed Images



Wight Plots

**Trained model : 103**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.278319**
**msq : 0.015415**
**sparsity : 26.290359**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 104**
_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 1000**
**beta : 0.100000**
**loss : 2.483127**
**msq : 0.015416**
**sparsity : 24.677113**

Original Images

Reconstructed Images
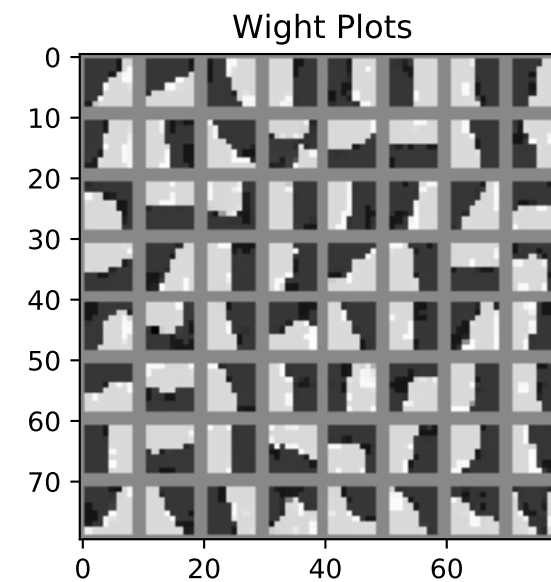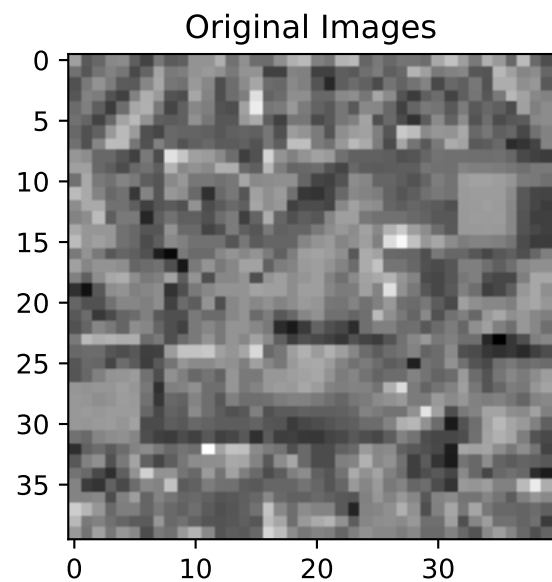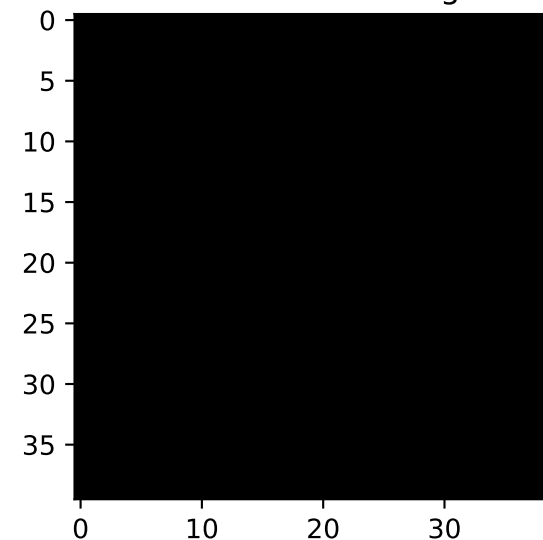
Wight Plots

**Trained model : 105**

---

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 1000**
**beta : 1.000000**
**loss : 20.470585**
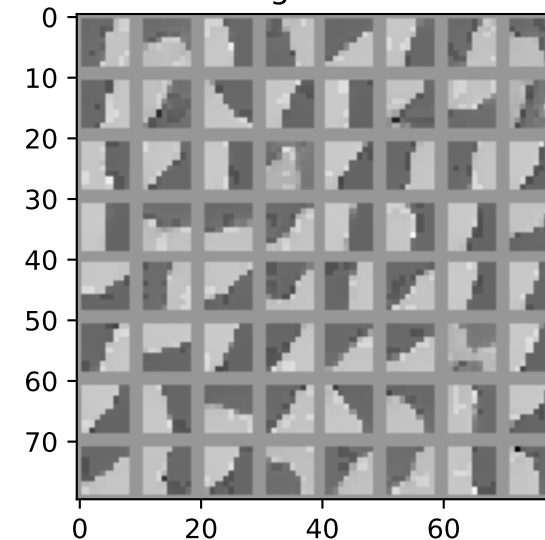**msq : 0.015403**
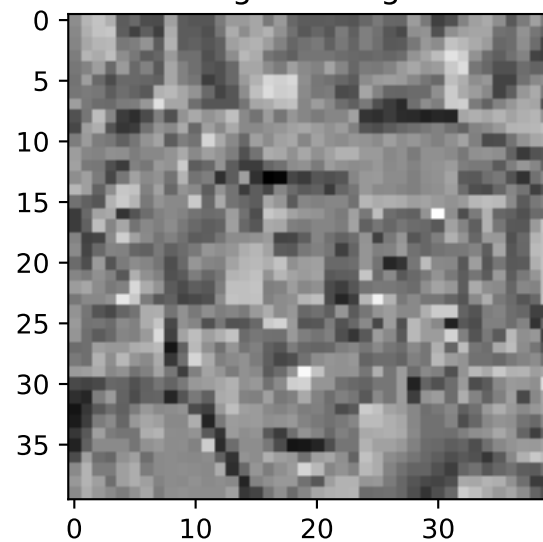**sparsity : 20.455181**



Original Images
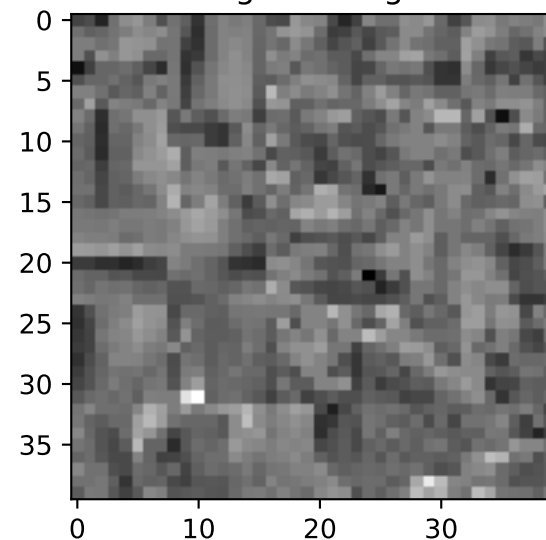


Reconstructed Images



Wight Plots

**Trained model : 106**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.017992**
**msq : 0.015400**
**sparsity : 25.919027**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 107**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.041480**
**msq : 0.015440**
**sparsity : 26.039635**
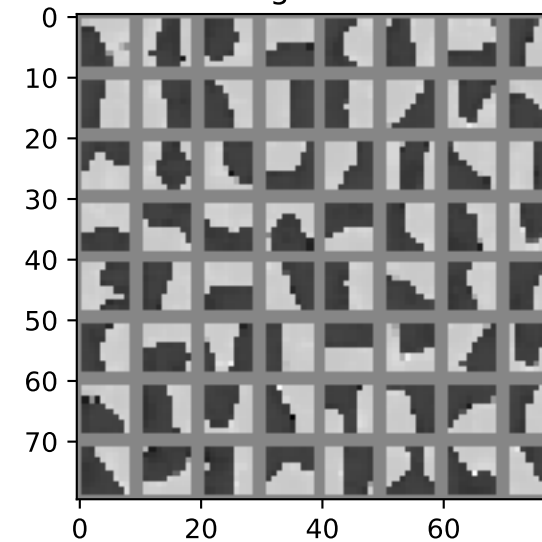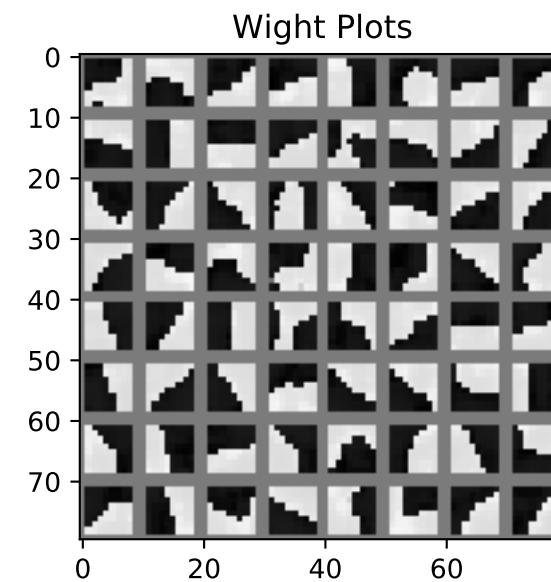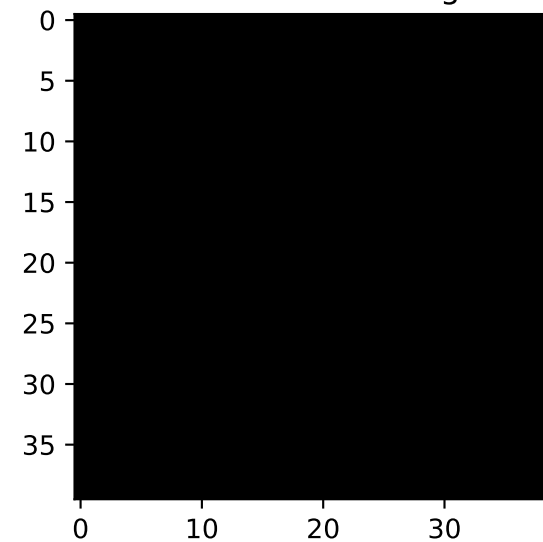
Original Images

Reconstructed Images

Wight Plots

**Trained model : 108**

wscale : 0.001000
learn_rate : 5.000000
batch size : 2000
beta : 0.010000
loss : 0.274421
msq : 0.015415
sparsity : 25.900543
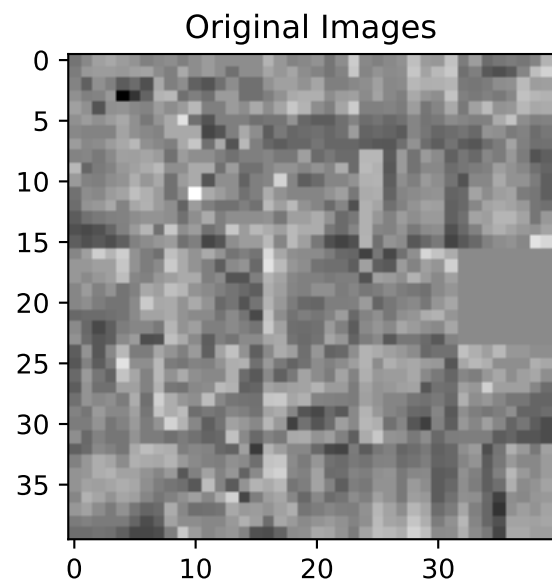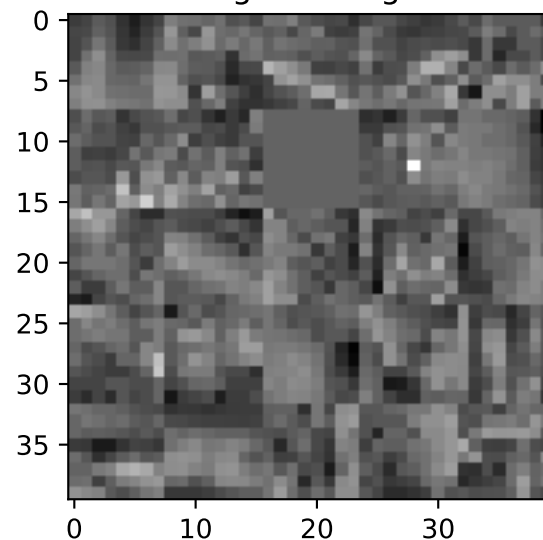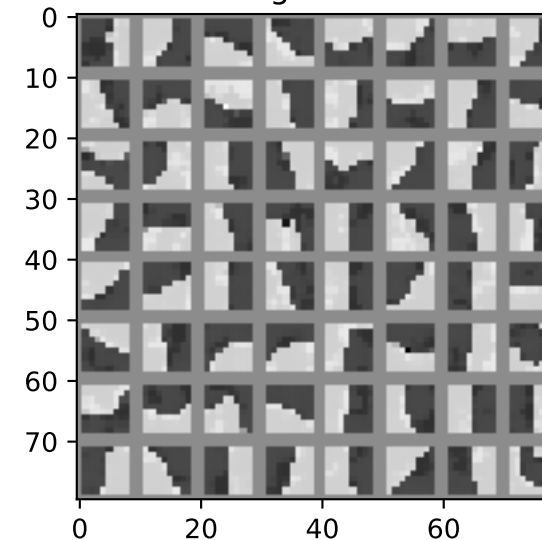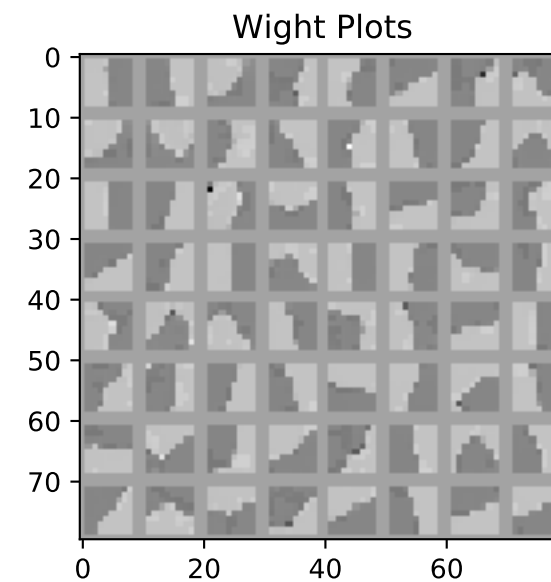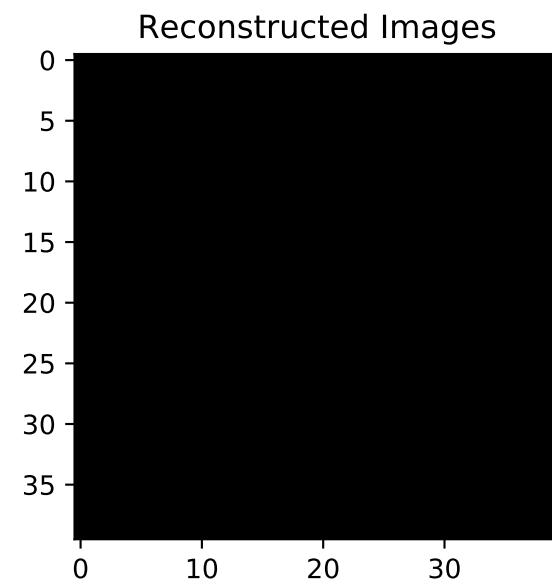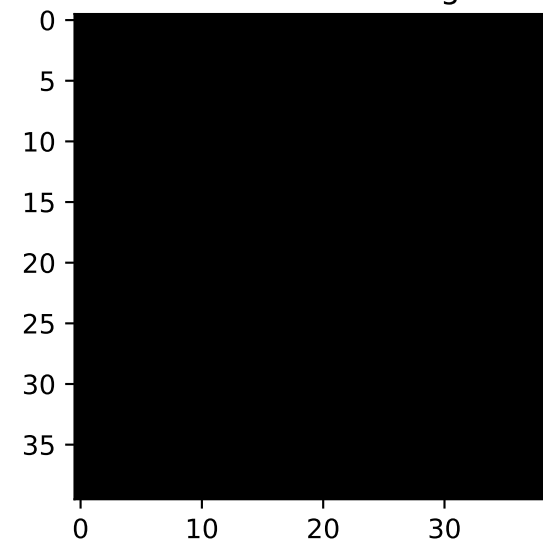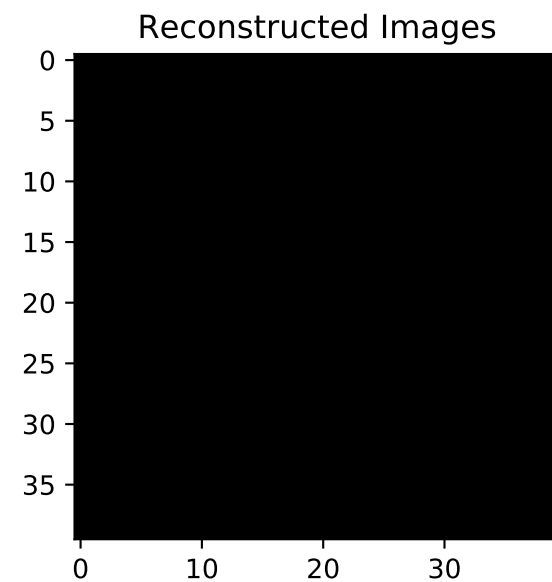


Original Images
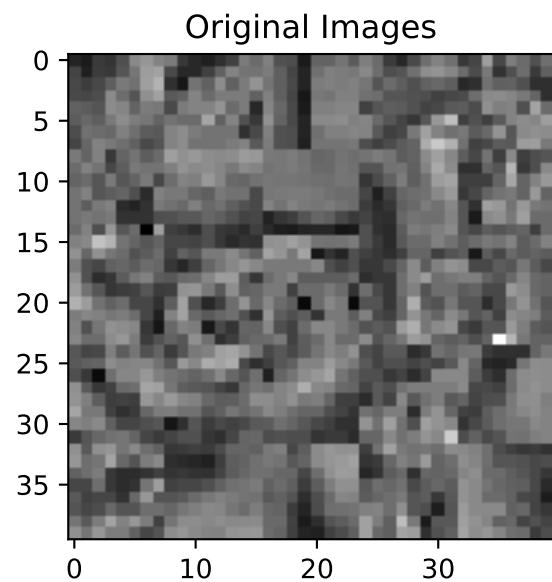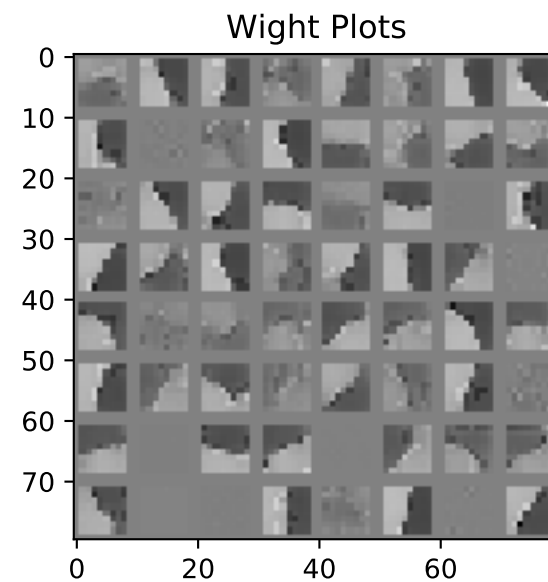


Reconstructed Images



Wight Plots

**Trained model : 109**

---

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 2000**
**beta : 0.100000**
**loss : 2.303545**
**msq : 0.015387**
**sparsity : 22.881578**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 110**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 2000**
**beta : 1.000000**
**loss : 10.121584**
**msq : 0.015400**
**sparsity : 10.106184**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 111**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 3000**
**beta : 0.000100**
**loss : 0.018004**
**msq : 0.015415**
**sparsity : 25.887377**
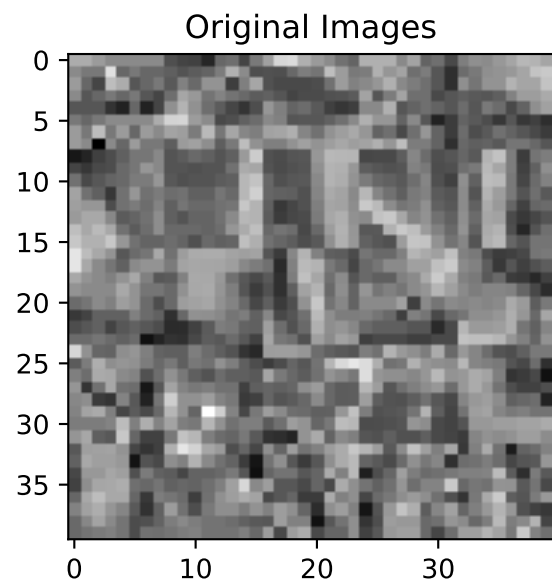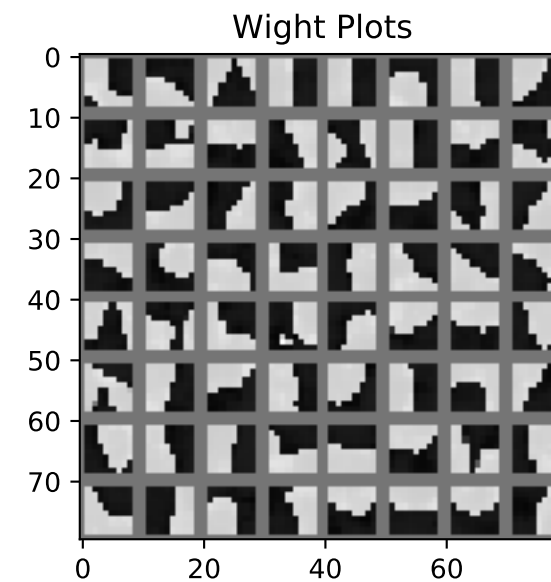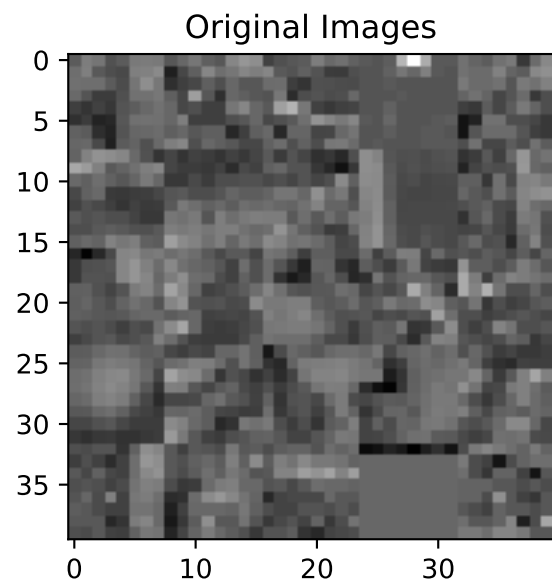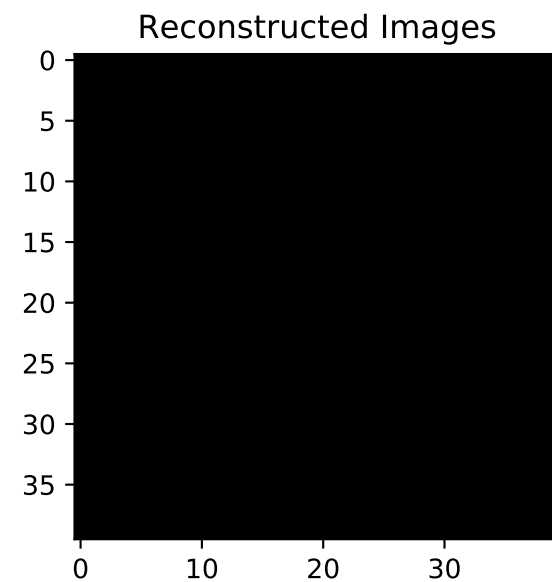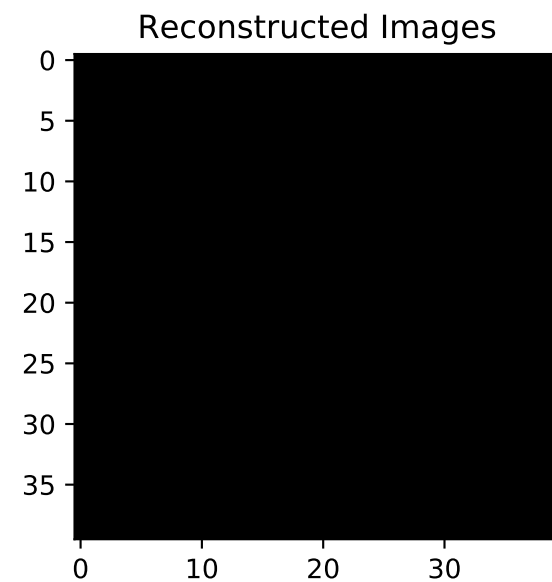


Original Images

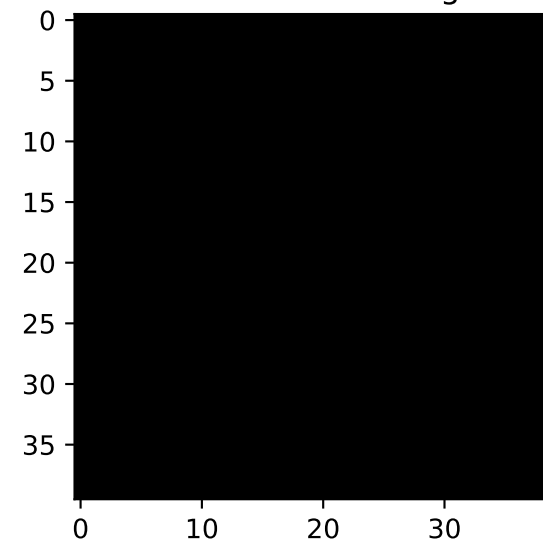

Reconstructed Images



Wight Plots

**Trained model : 112**

wscale : 0.001000
learn_rate : 5.000000
batch size : 3000
beta : 0.001000
loss : 0.042752
msq : 0.015406
sparsity : 27.345507



Original Images
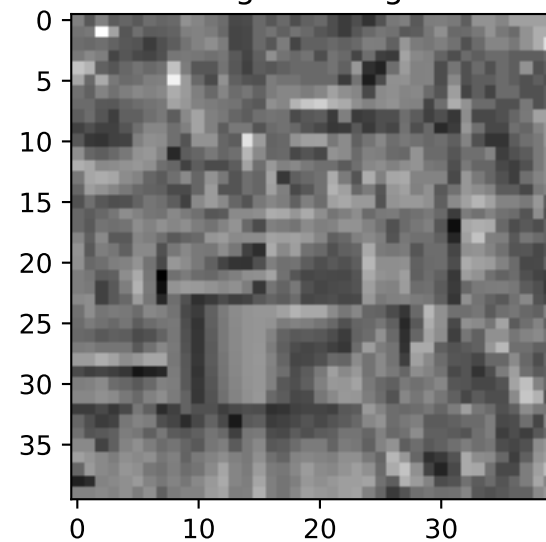
Reconstructed Images

Wight Plots

**Trained model : 113**

---

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 3000**
**beta : 0.010000**
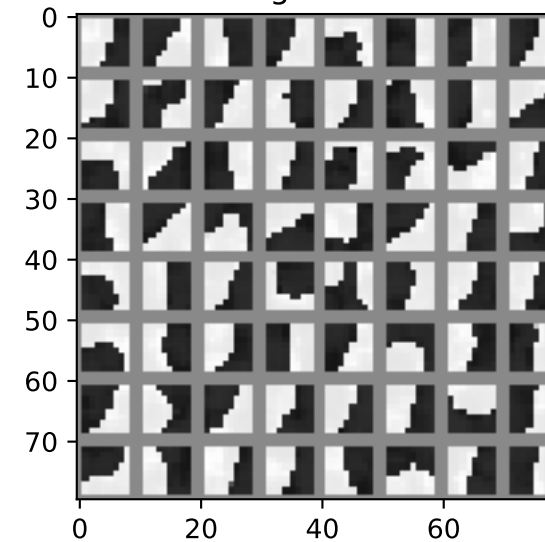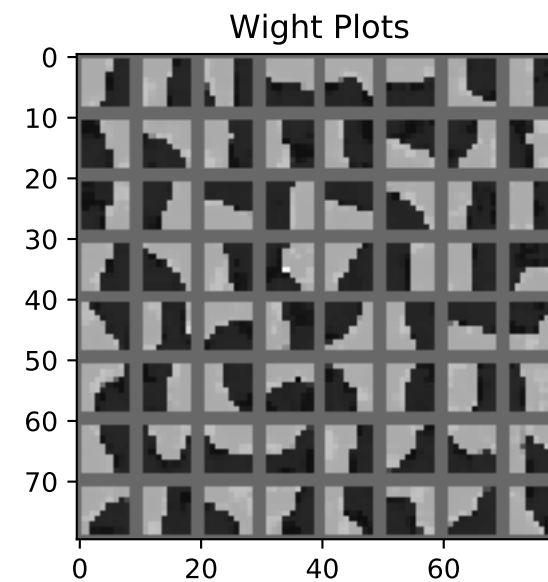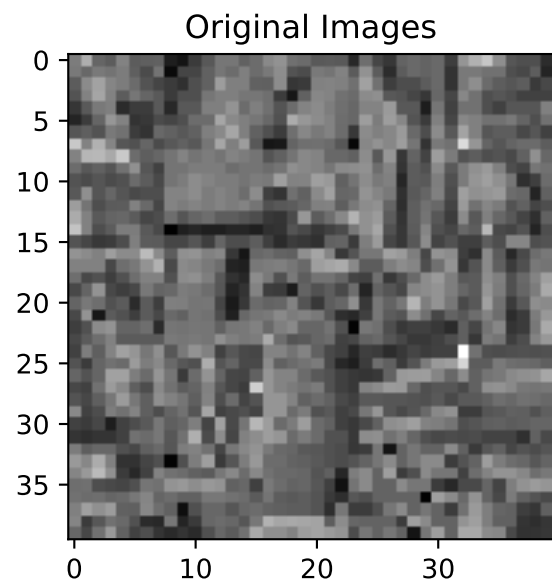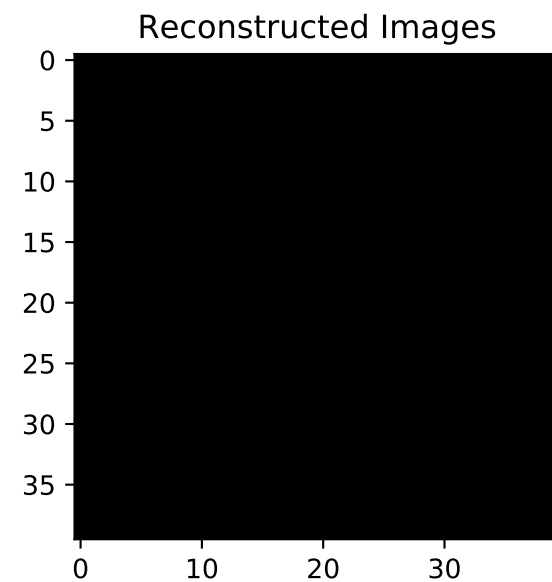**loss : 0.275914**
**msq : 0.015431**
**sparsity : 26.048246**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 114**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 3000**
**beta : 0.100000**
**loss : 2.131742**
**msq : 0.015462**
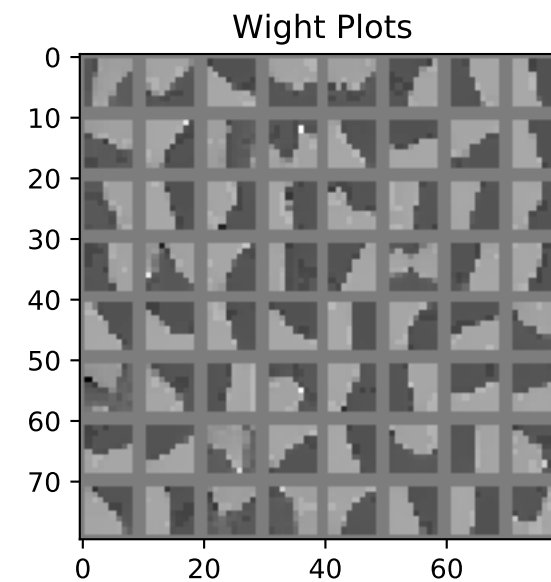**sparsity : 21.162796**



Original Images



Reconstructed Images



Wight Plots
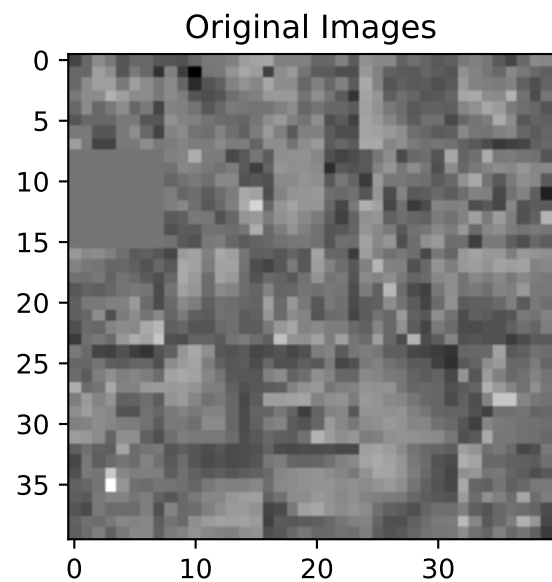
**Trained model : 115**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 3000**
**beta : 1.000000**
**loss : 0.890108**
**msq : 0.015440**
**sparsity : 0.874667**



Original Images



Reconstructed Images



Wight Plots
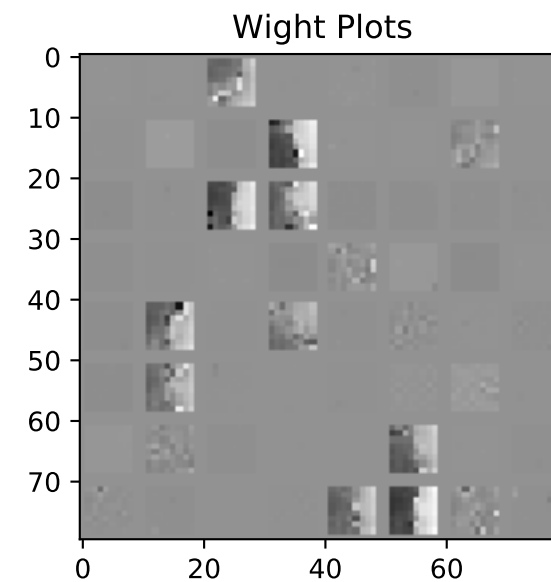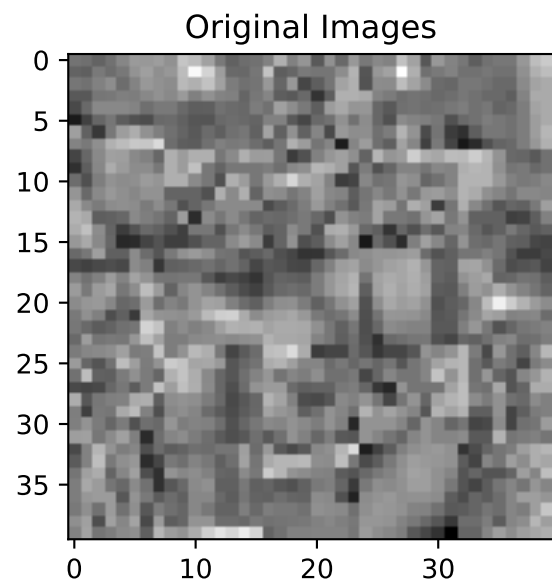
**Trained model : 116**

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**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 0.000100**
**loss : 0.018045**
**msq : 0.015428**
**sparsity : 26.172777**



Original Images



Reconstructed Images
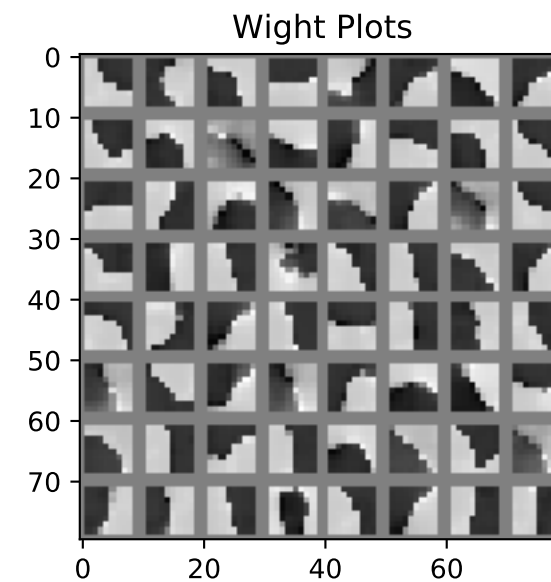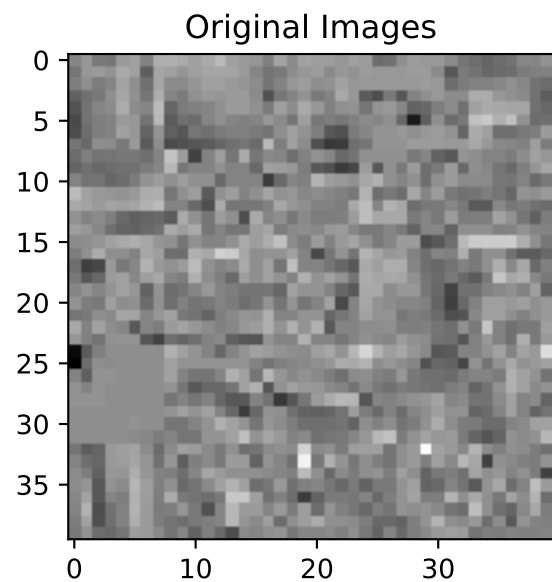


Wight Plots

**Trained model : 117**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 4000**
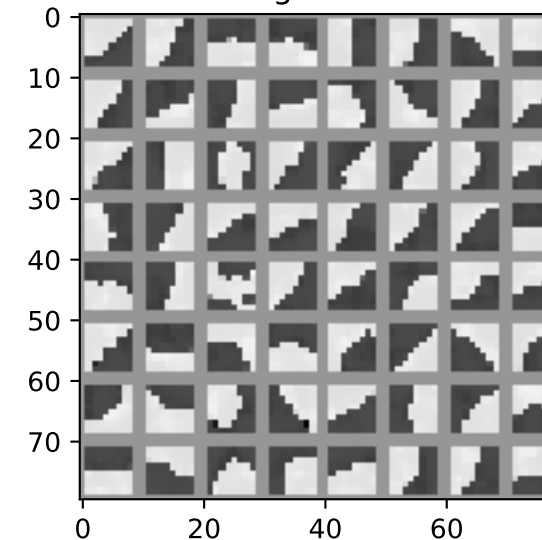**beta : 0.001000**
**loss : 0.041573**
**msq : 0.015378**
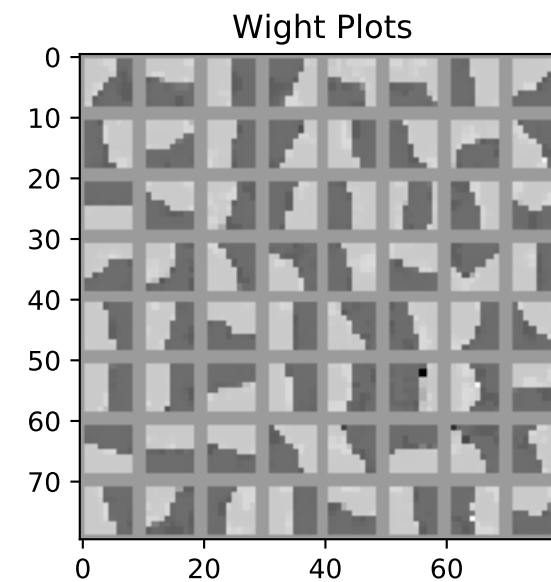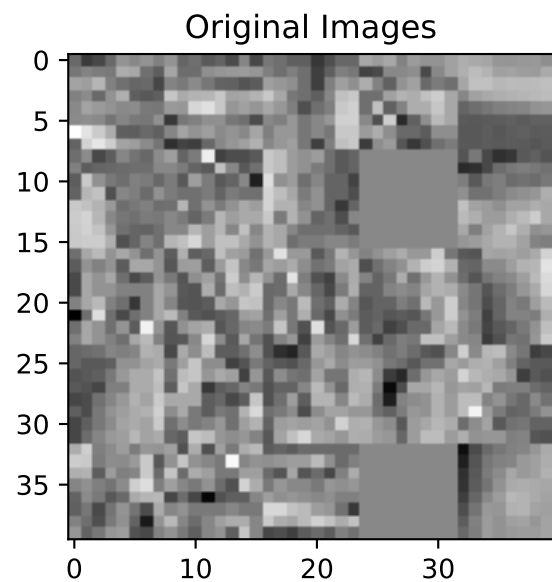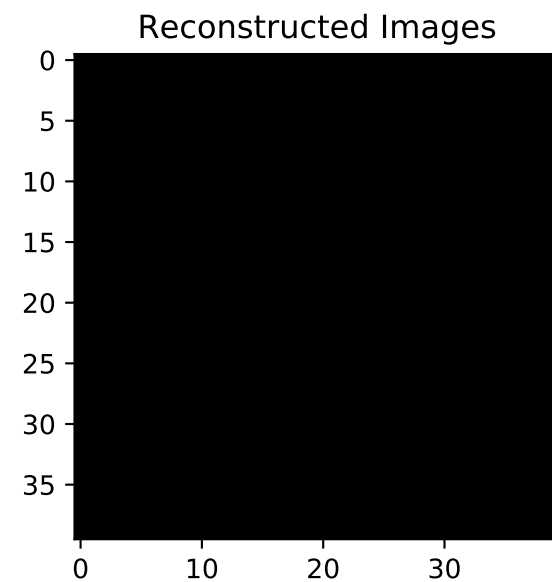**sparsity : 26.194984**

Original Images
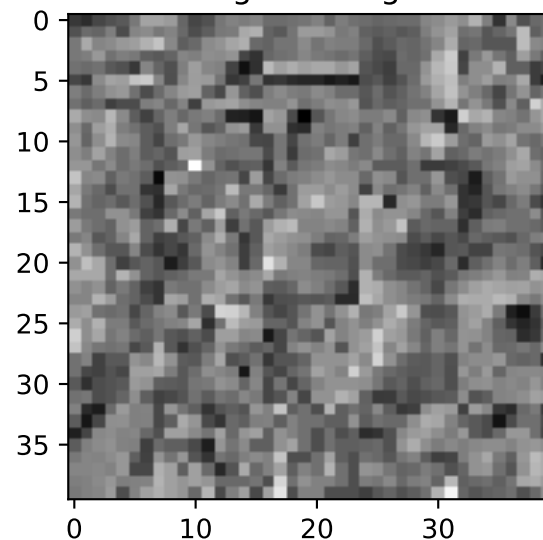
Reconstructed Images
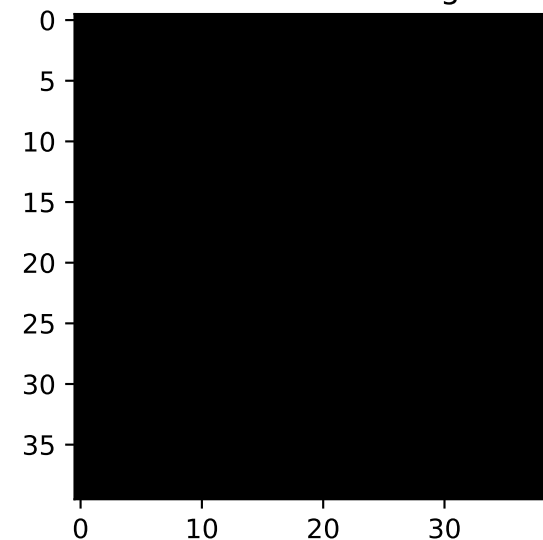
Wight Plots

**Trained model : 118**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.267119**
**msq : 0.015425**
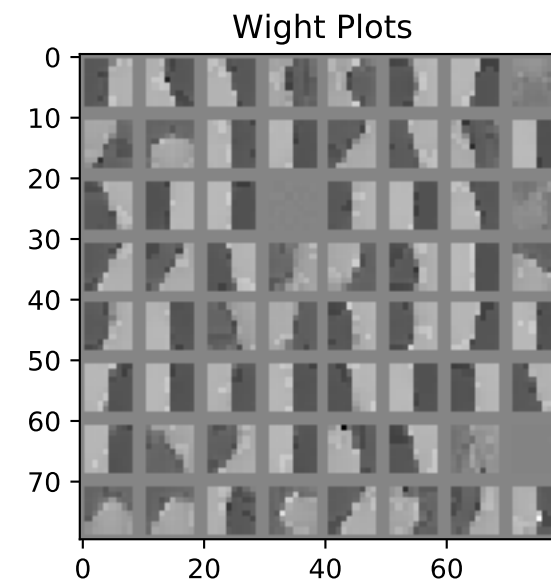**sparsity : 25.169369**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 119**

---

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 0.100000**
**loss : 1.685706**
**msq : 0.015434**
**sparsity : 16.702715**



Original Images



Reconstructed Images



Wight Plots
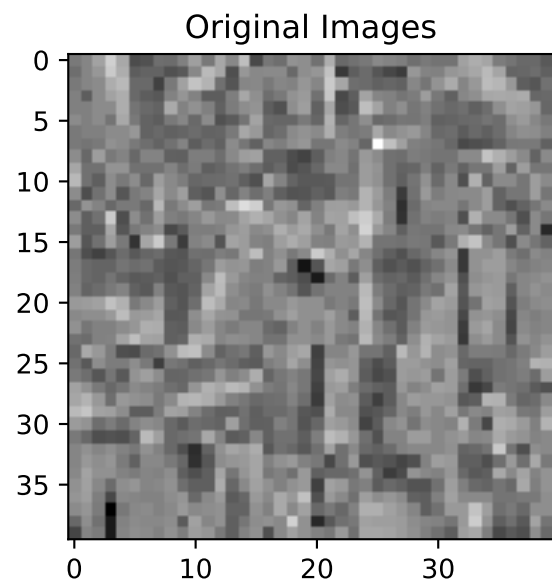
**Trained model : 120**
_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 1.000000**
**loss : 8.755201**
**msq : 0.015425**
**sparsity : 8.739777**



Original Images



Reconstructed Images
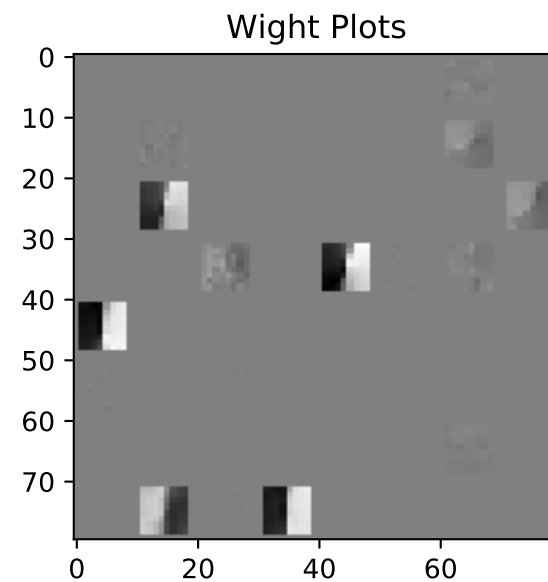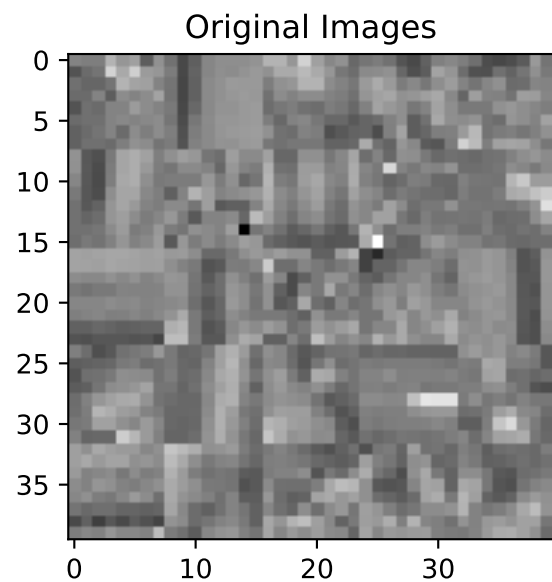


Wight Plots

**Trained model : 121**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 5000**
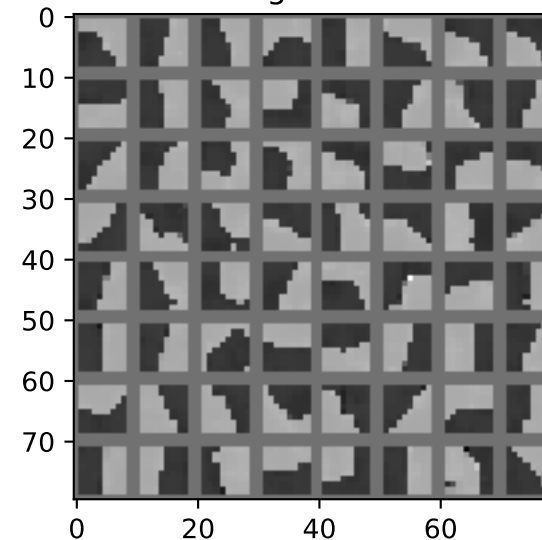**beta : 0.000100**
**loss : 0.018091**
**msq : 0.015431**
**sparsity : 26.594065**



Original Images
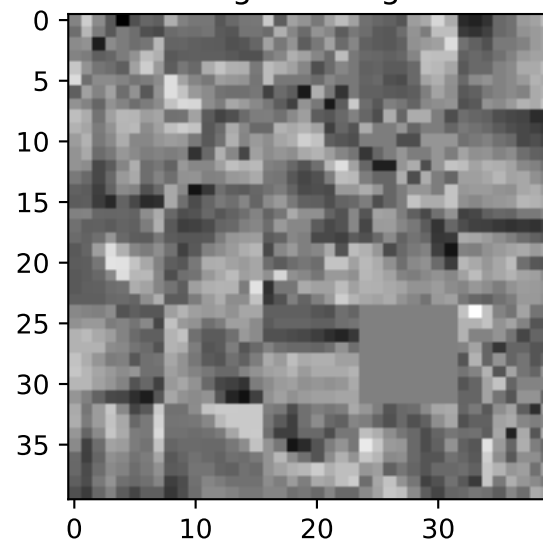


Reconstructed Images



Wight Plots

**Trained model : 122**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.041653**
**msq : 0.015403**
**sparsity : 26.249720**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 123**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.263326**
**msq : 0.015409**
**sparsity : 24.791670**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 124**

wscale : 0.001000
learn_rate : 5.000000
batch size : 5000
beta : 0.100000
loss : 1.460709
msq : 0.015409
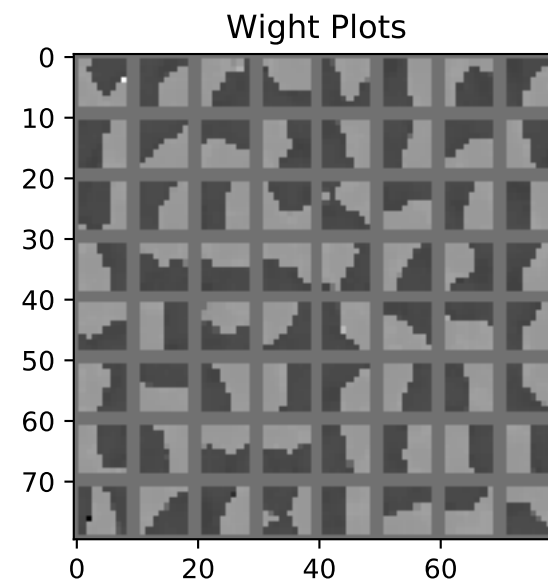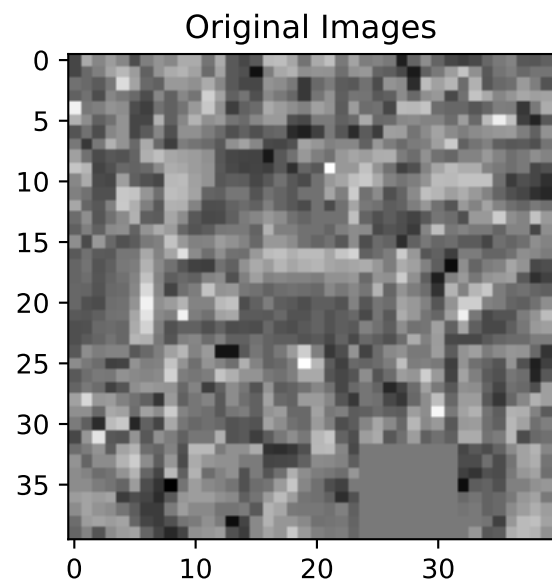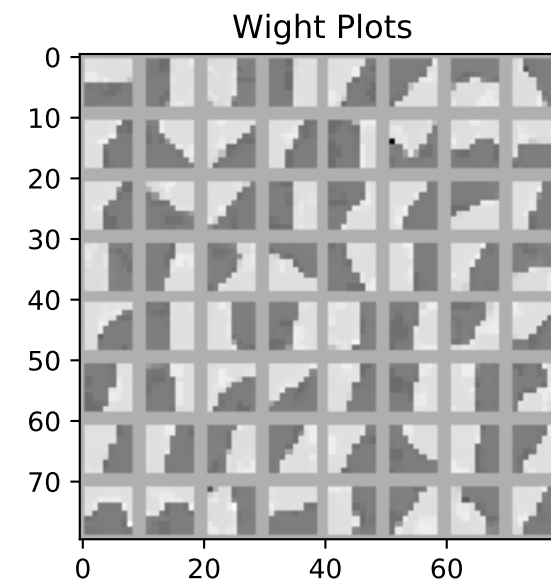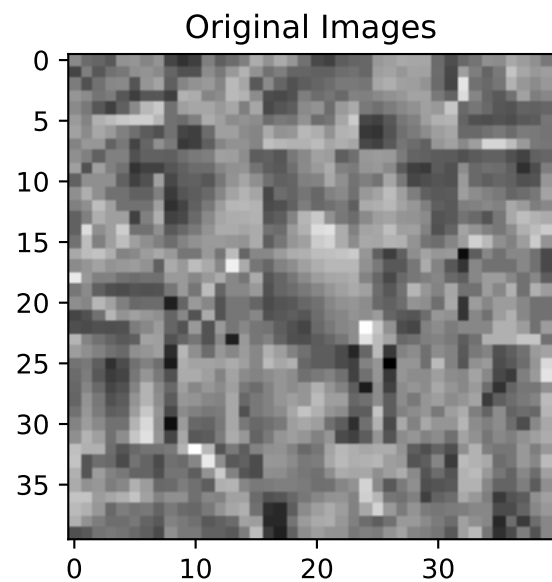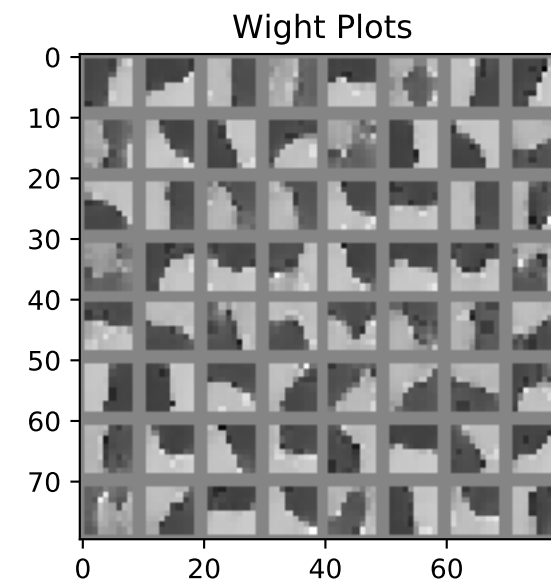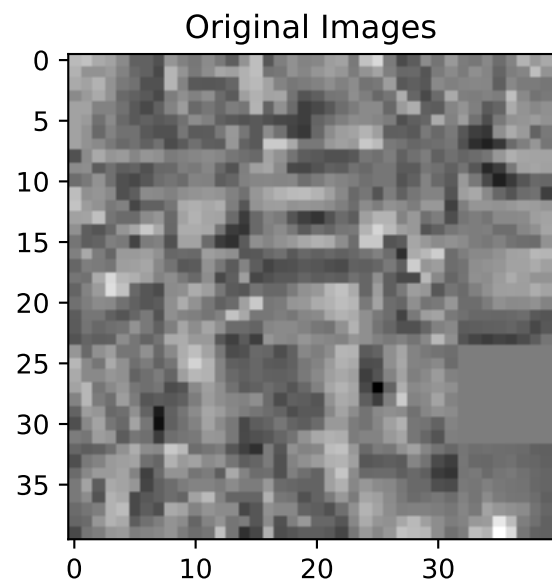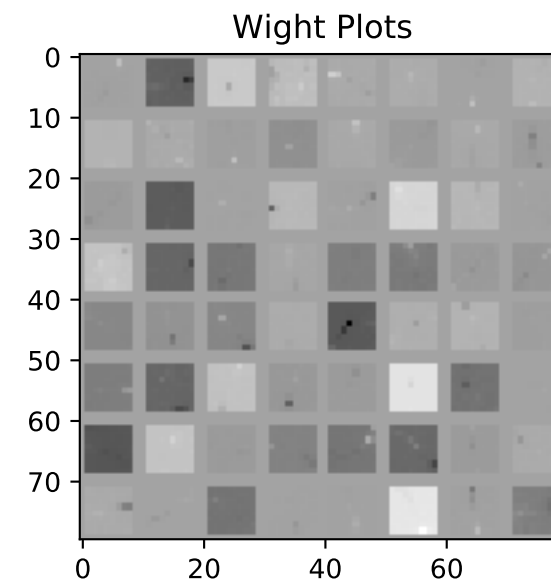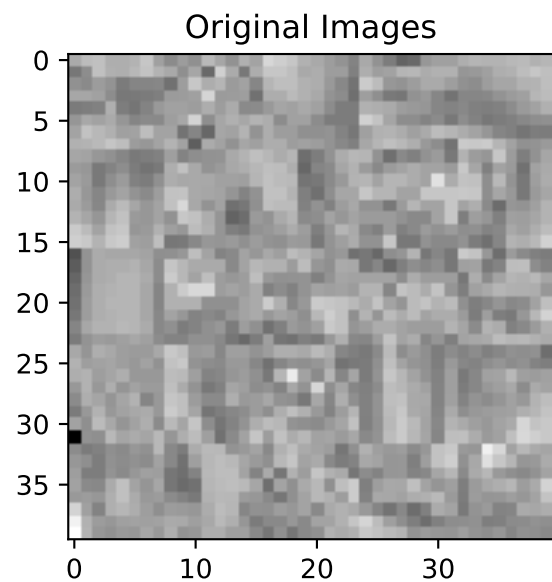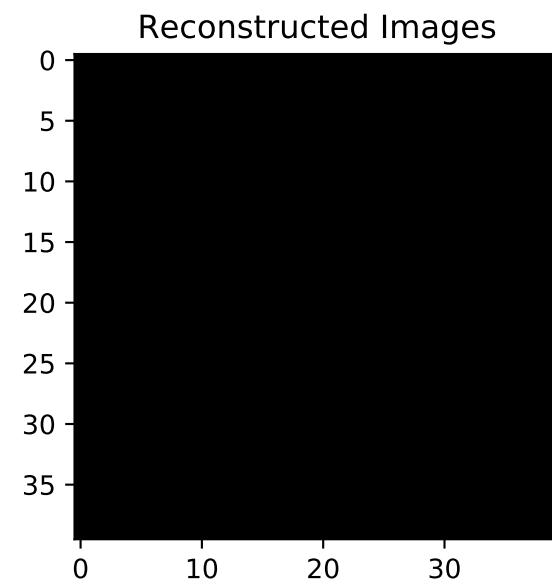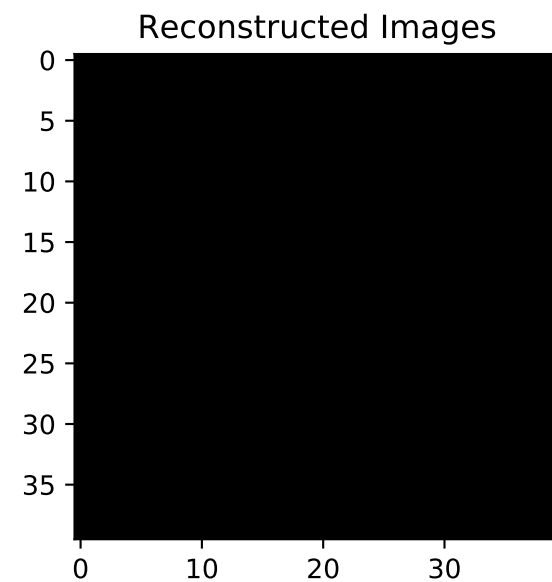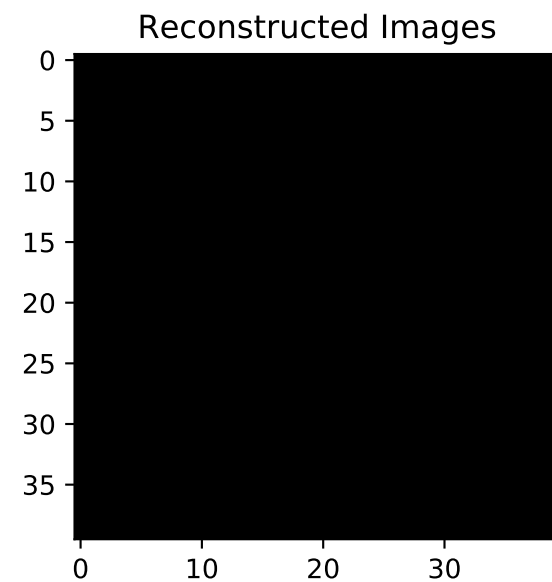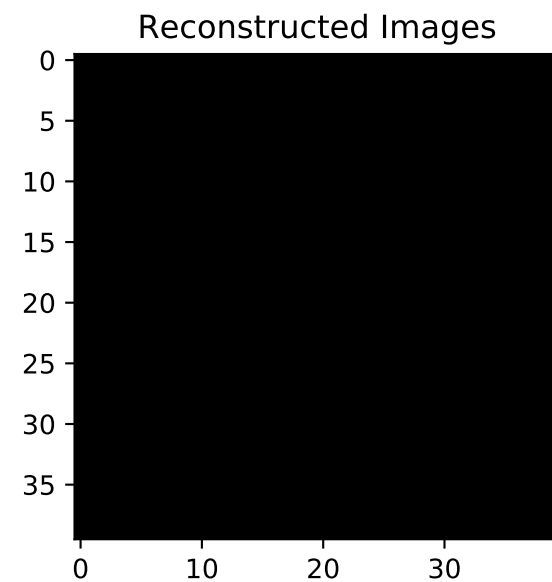sparsity : 14.453000



Original Images

Reconstructed Images

Wight Plots

**Trained model : 125**

_____

**wscale : 0.001000**
**learn_rate : 5.000000**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.041297**
**msq : 0.015403**
**sparsity : 0.025894**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 126**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 1000**
**beta : 0.000100**
**loss : 0.008848**
**msq : 0.008842**
**sparsity : 0.059678**

Original Images

Reconstructed Images

Wight Plots
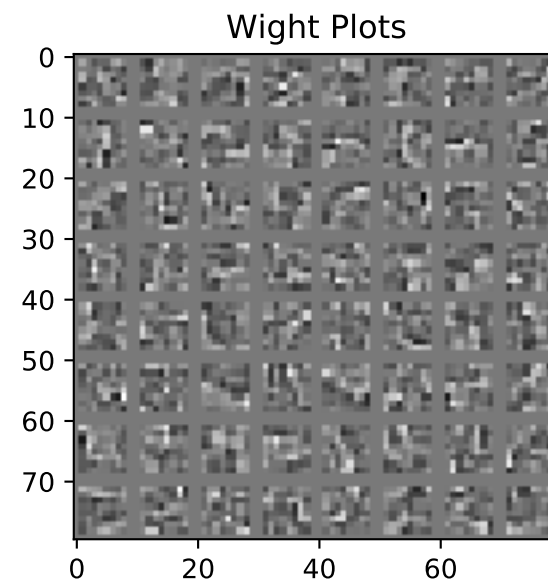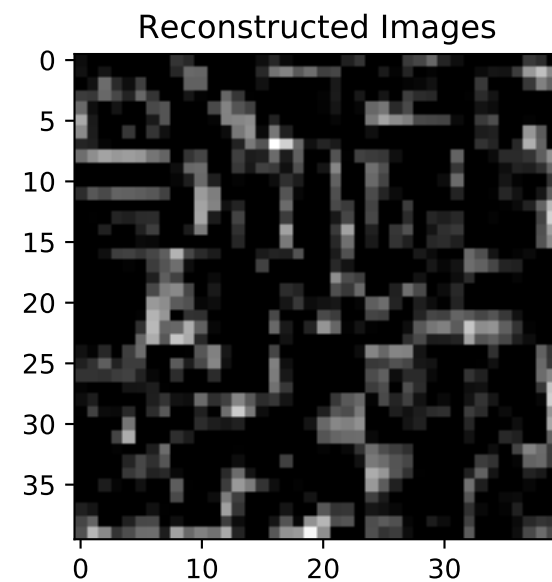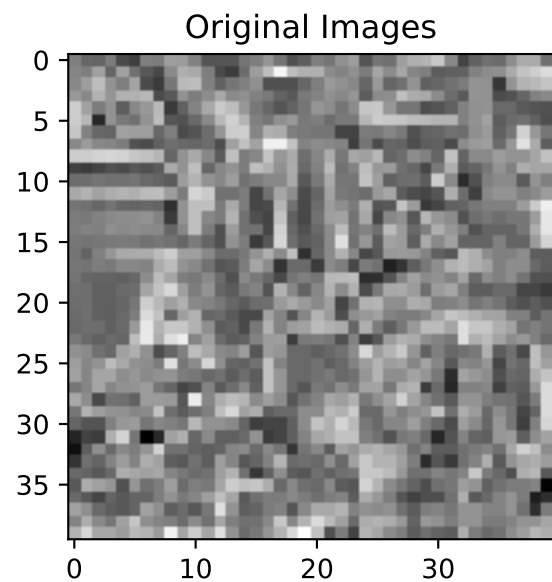
**Trained model : 127**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 1000**
**beta : 0.001000**
**loss : 0.009023**
**msq : 0.008967**
**sparsity : 0.055936**

Original Images

Reconstructed Images

Wight Plots
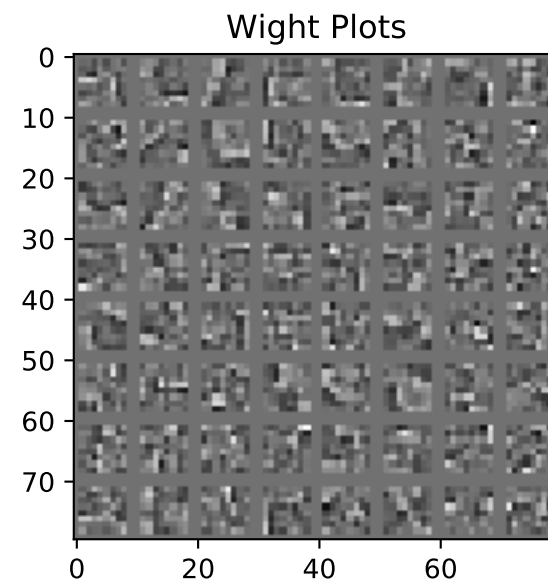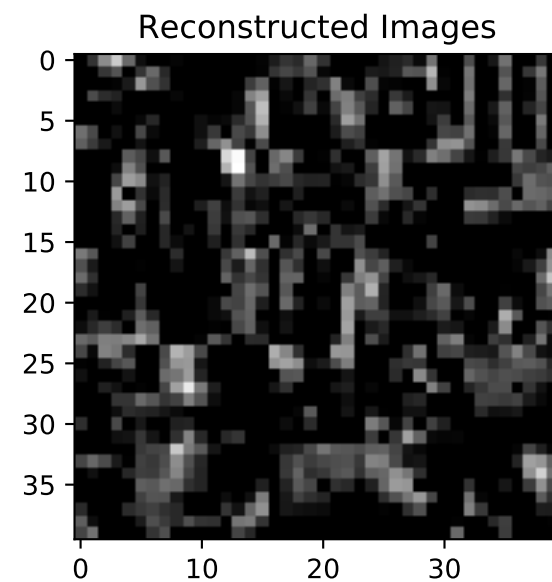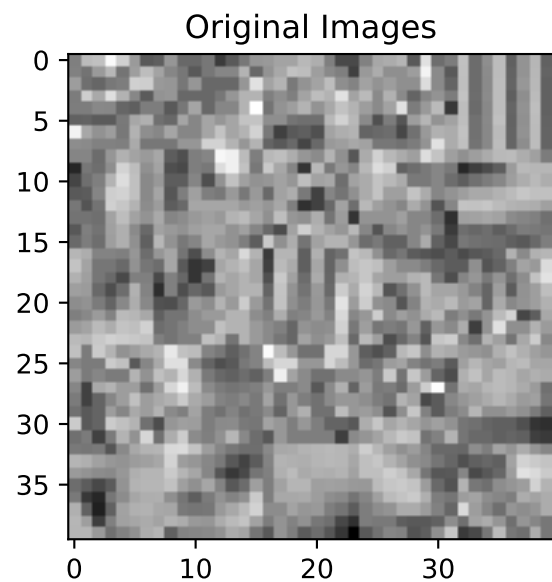
**Trained model : 128**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.009366**
**msq : 0.008959**
**sparsity : 0.040704**



Original Images



Reconstructed Images



Wight Plots
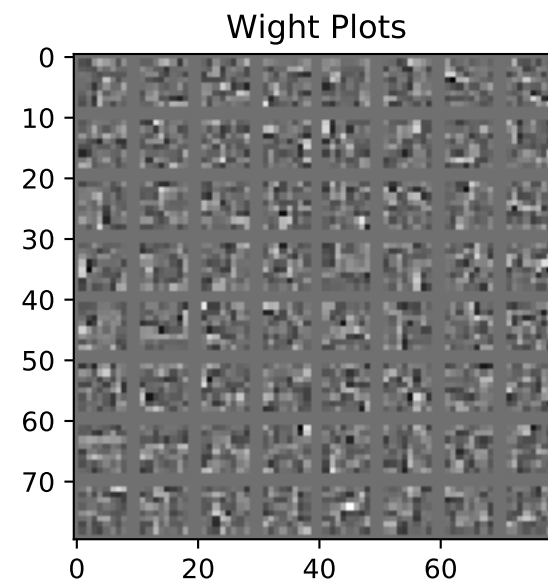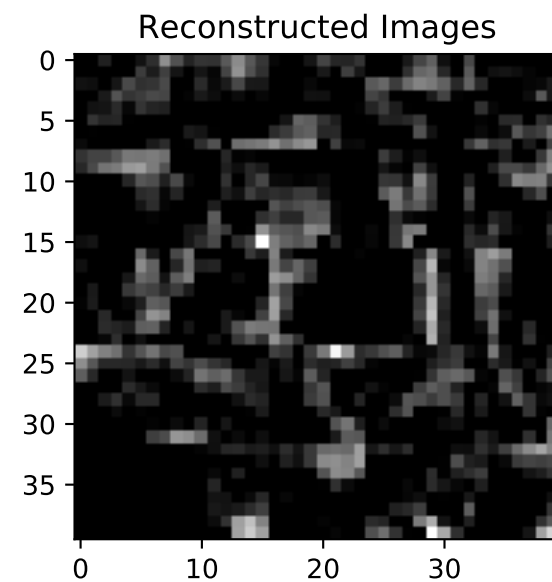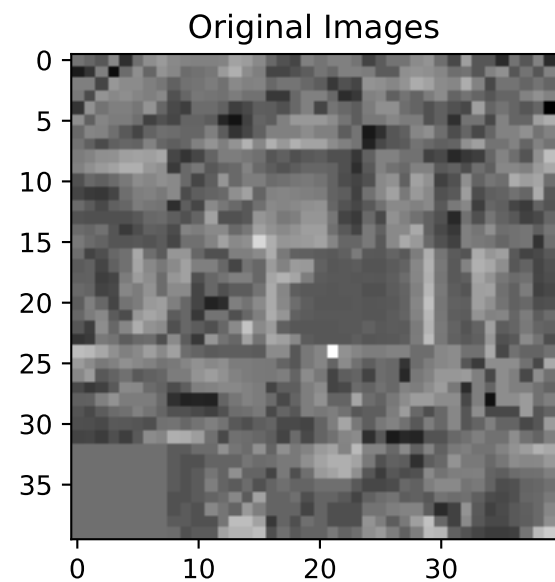
**Trained model : 129**

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**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 1000**
**beta : 0.100000**
**loss : 0.012761**
**msq : 0.012130**
**sparsity : 0.006304**



Original Images



Reconstructed Images



Wight Plots
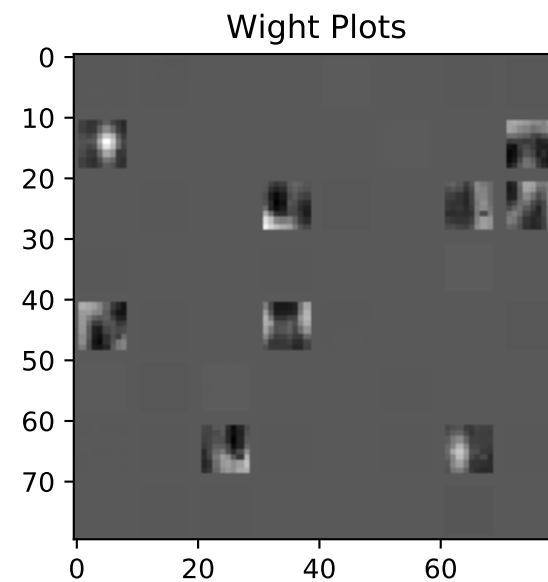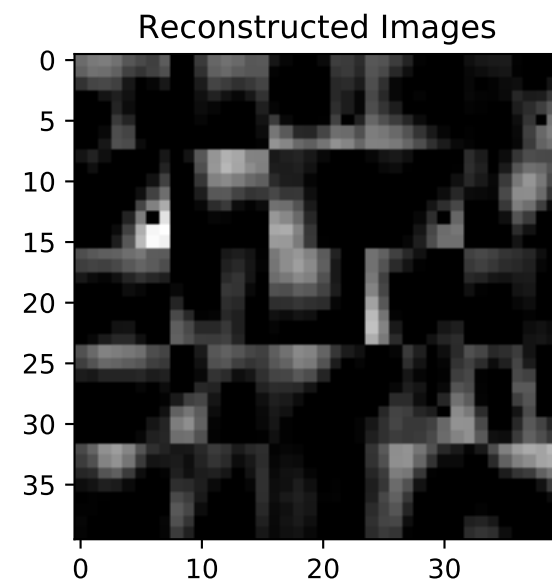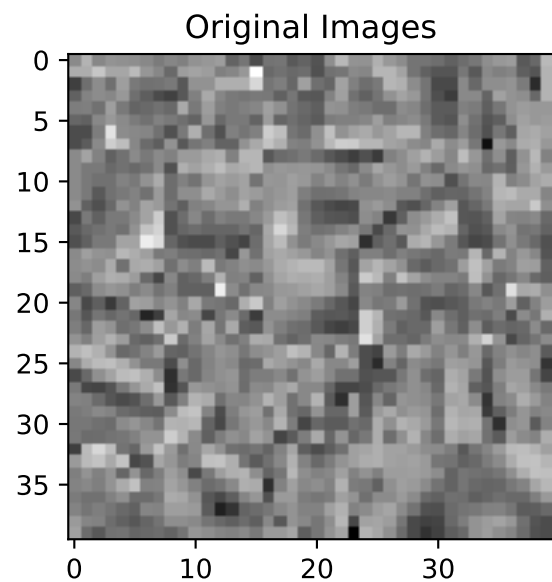
**Trained model : 130**

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**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 1000**
**beta : 1.000000**
**loss : 0.015464**
**msq : 0.015428**
**sparsity : 0.000036**



Original Images



Reconstructed Images



Wight Plots
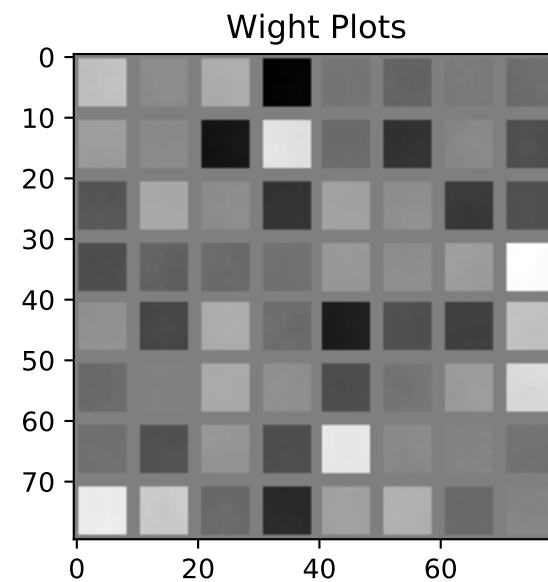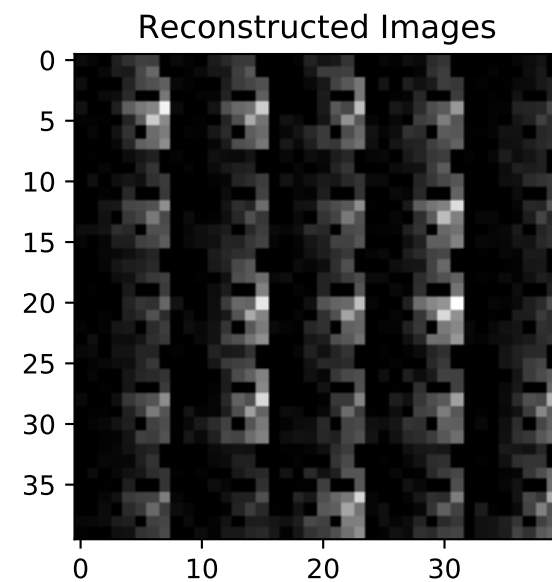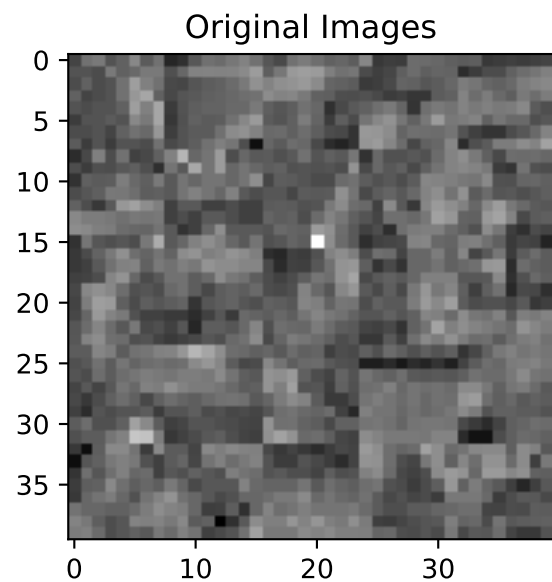
**Trained model : 131**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.008678**
**msq : 0.008672**
**sparsity : 0.059138**



Original Images



Reconstructed Images



Wight Plots
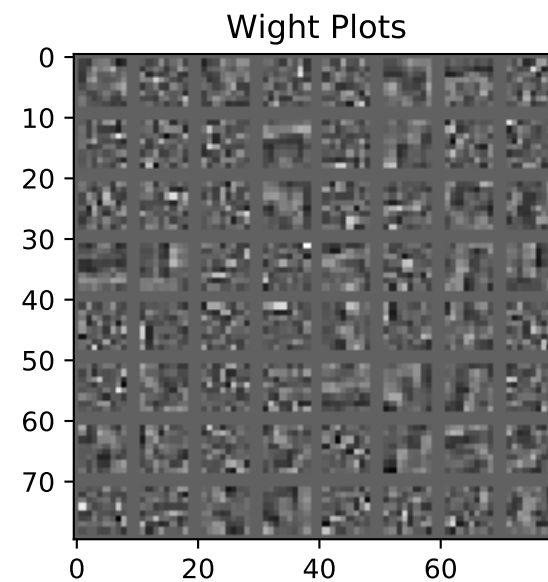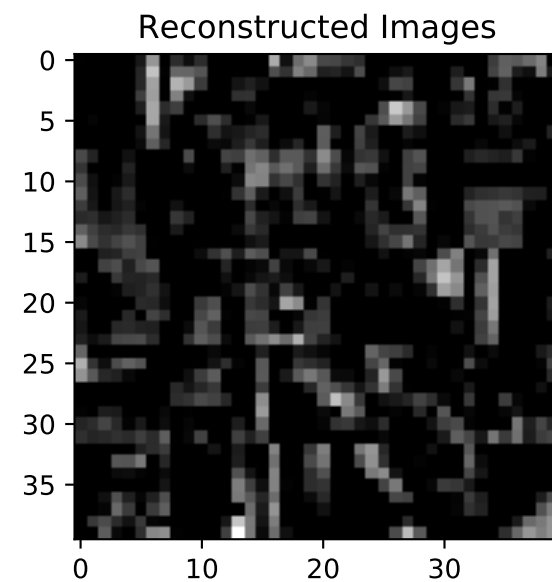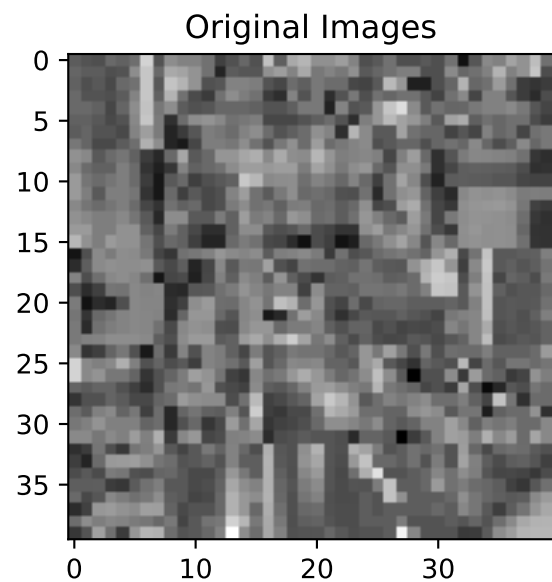
**Trained model : 132**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.008705**
**msq : 0.008653**
**sparsity : 0.052301**



Original Images



Reconstructed Images



Wight Plots
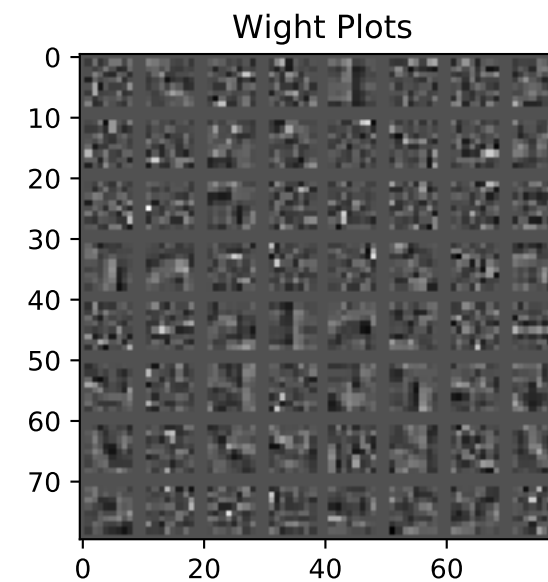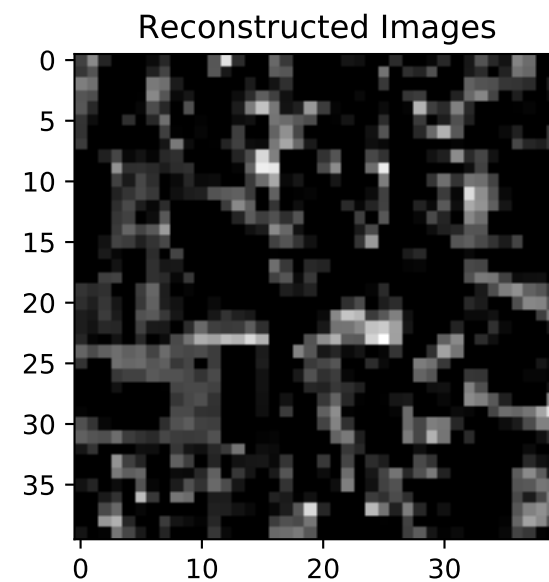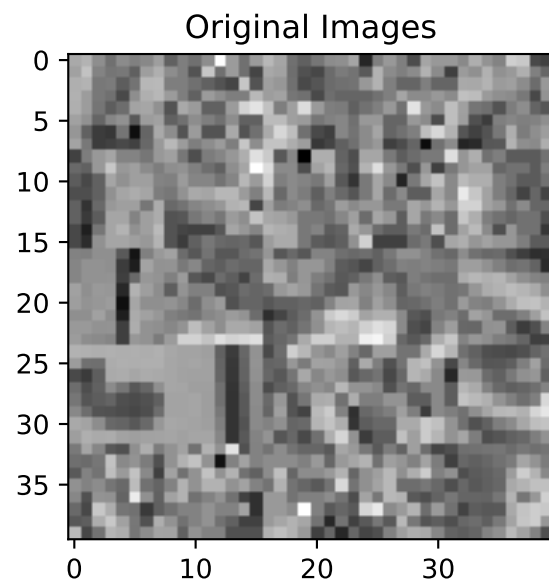
**Trained model : 133**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 0.010000**
**loss : 0.008982**
**msq : 0.008672**
**sparsity : 0.030979**

Original Images

Reconstructed Images

Wight Plots
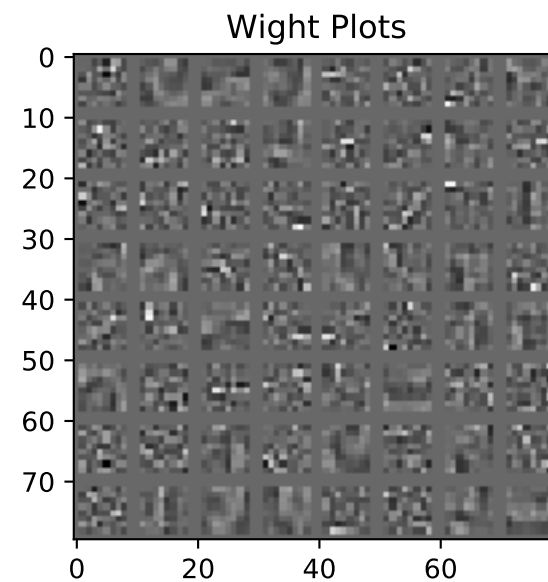
**Trained model : 134**
_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 2000**
**beta : 0.100000**
**loss : 0.011803**
**msq : 0.011106**
**sparsity : 0.006972**
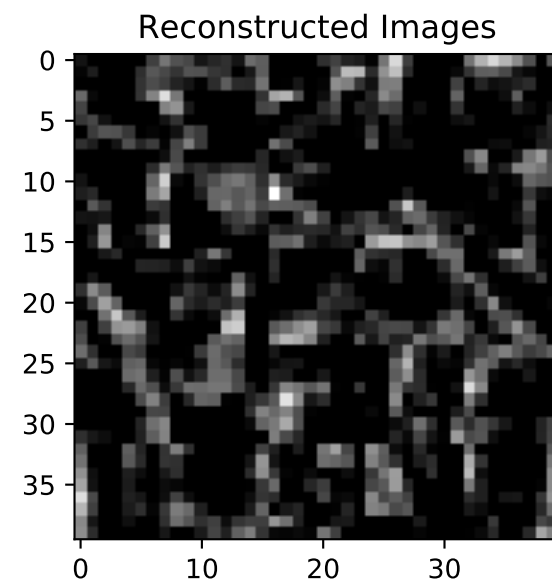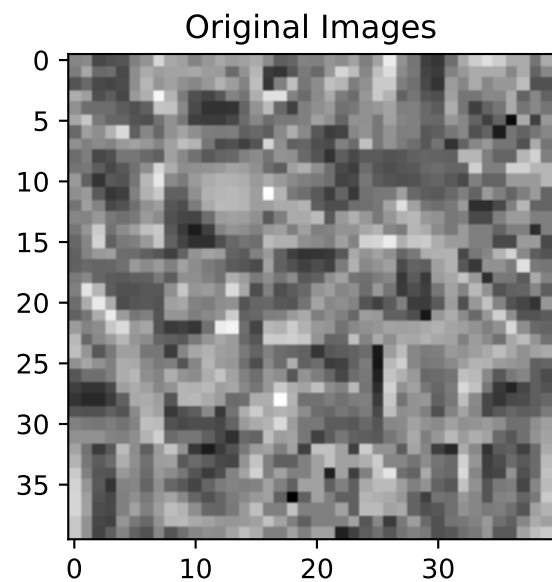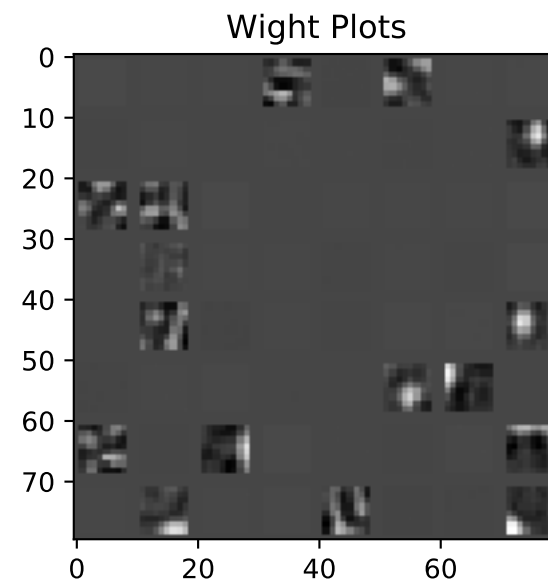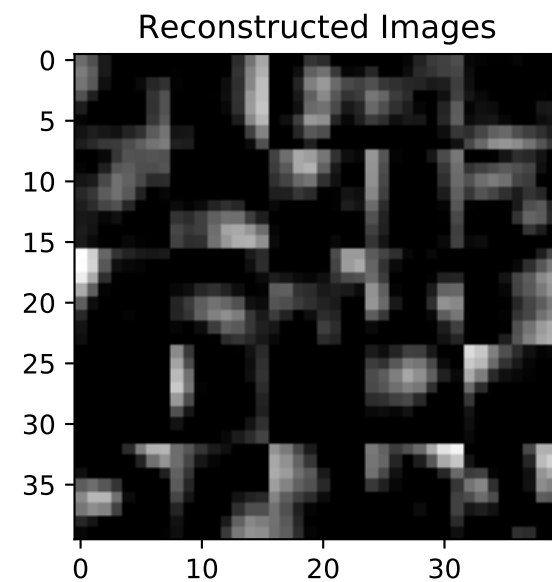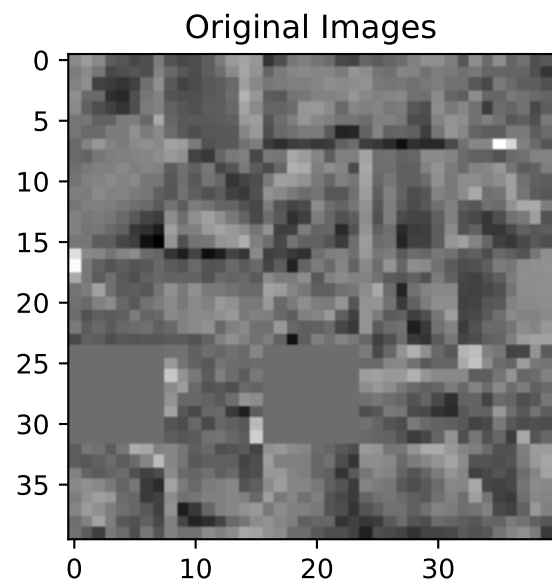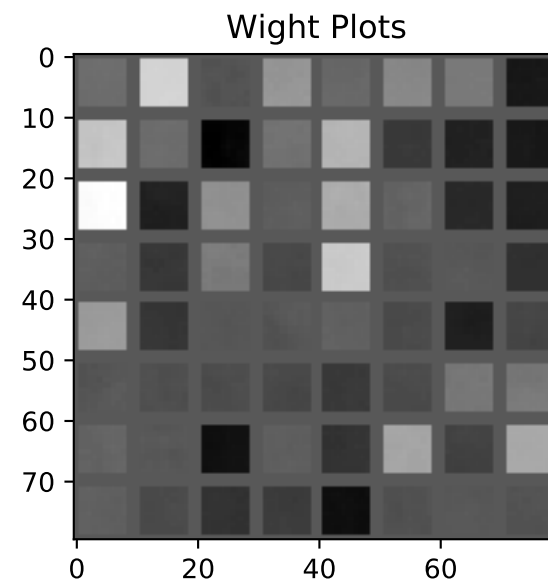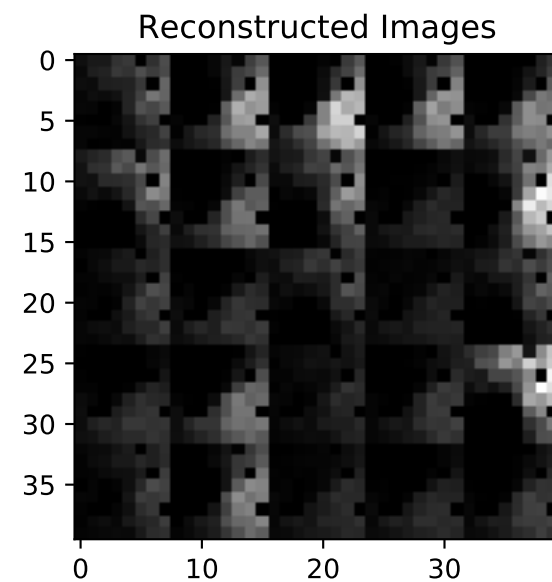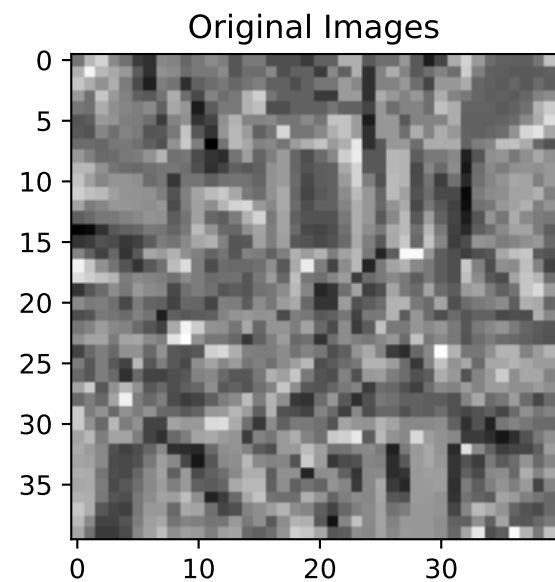
Original Images

Reconstructed Images

Wight Plots

**Trained model : 135**

wscale : 0.010000
learn_rate : 0.000500
batch size : 2000
beta : 1.000000
loss : 0.015424
msq : 0.015384
sparsity : 0.000039

Original Images

Reconstructed Images

Wight Plots

**Trained model : 136**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 0.000100**
**loss : 0.008576**
**msq : 0.008570**
**sparsity : 0.057644**



Original Images



Reconstructed Images



Wight Plots
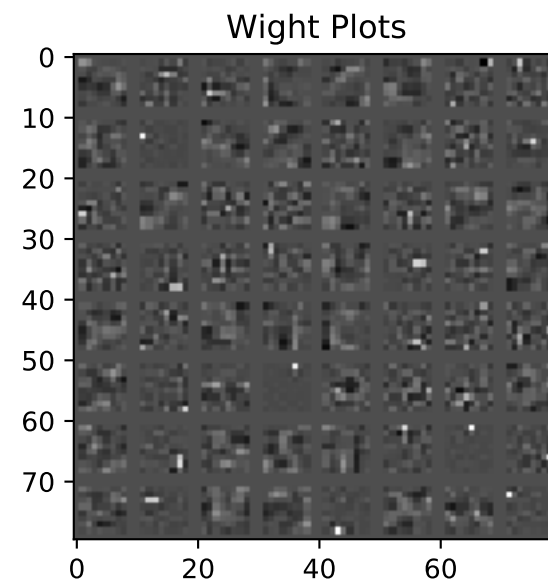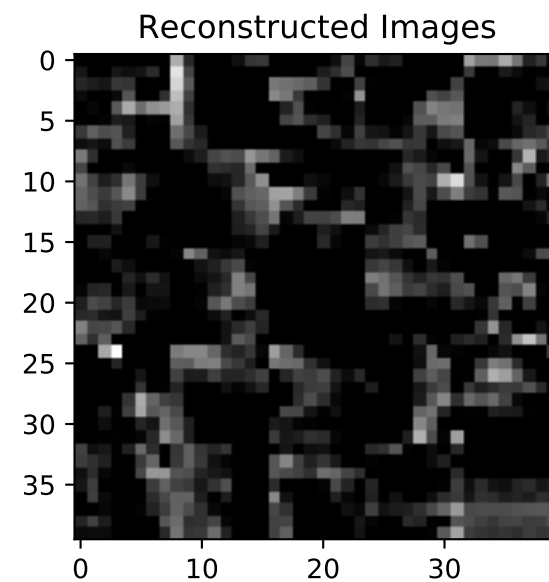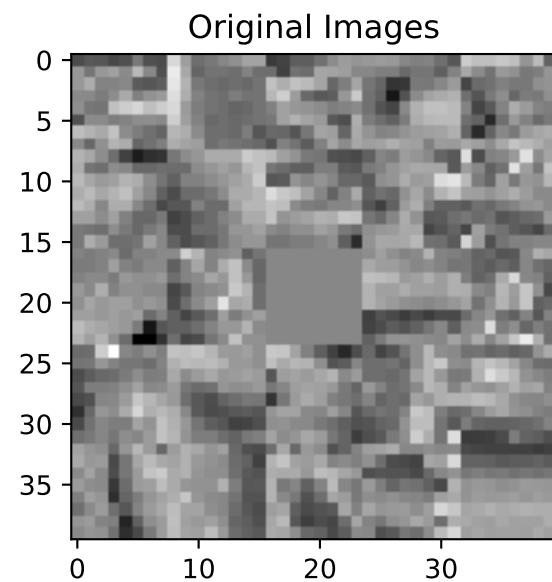
**Trained model : 137**

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**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 0.001000**
**loss : 0.008533**
**msq : 0.008486**
**sparsity : 0.047611**

Original Images

Reconstructed Images

Wight Plots
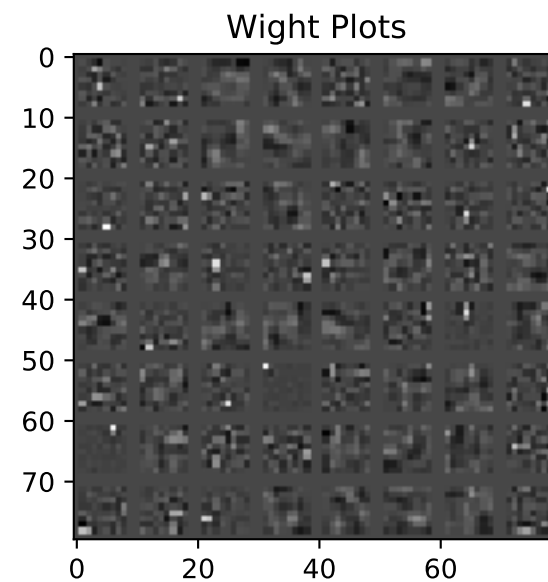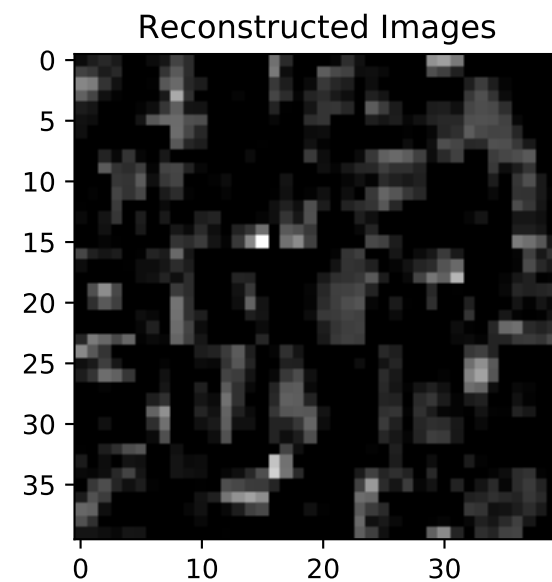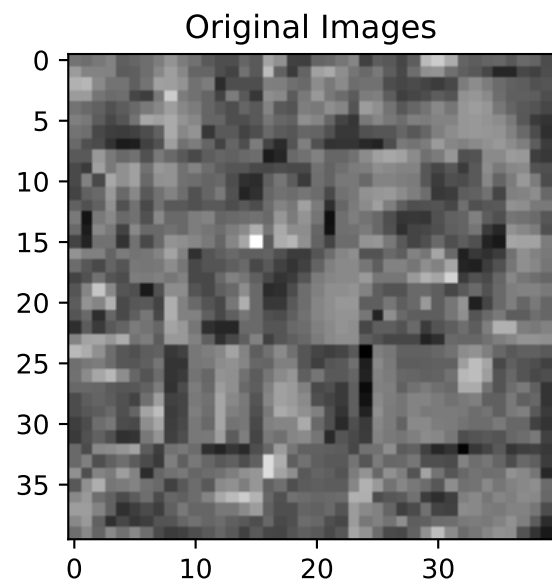
**Trained model : 138**

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**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.008859**
**msq : 0.008614**
**sparsity : 0.024468**



Original Images



Reconstructed Images



Wight Plots
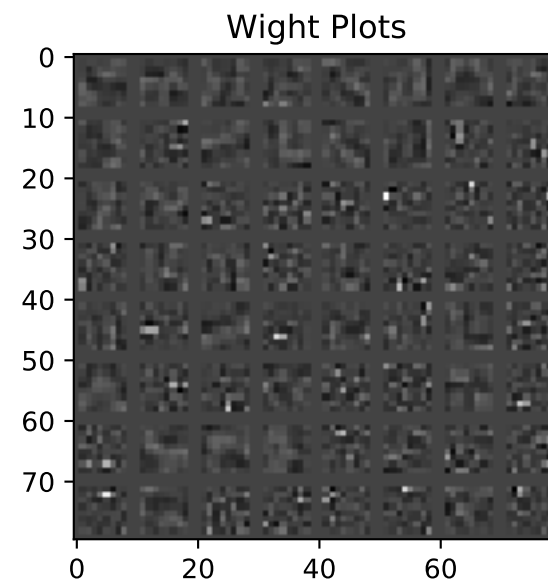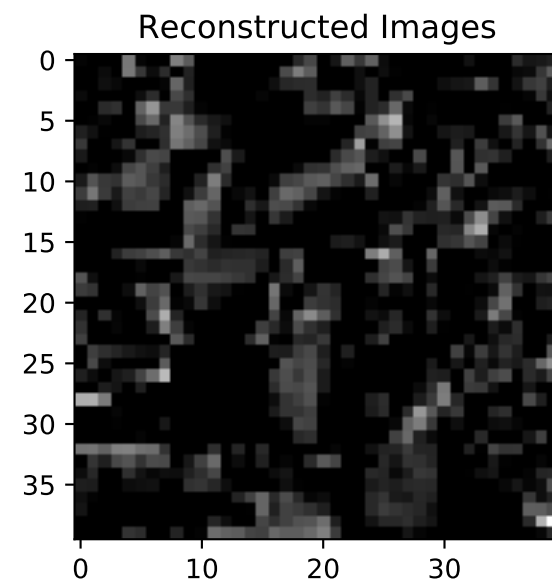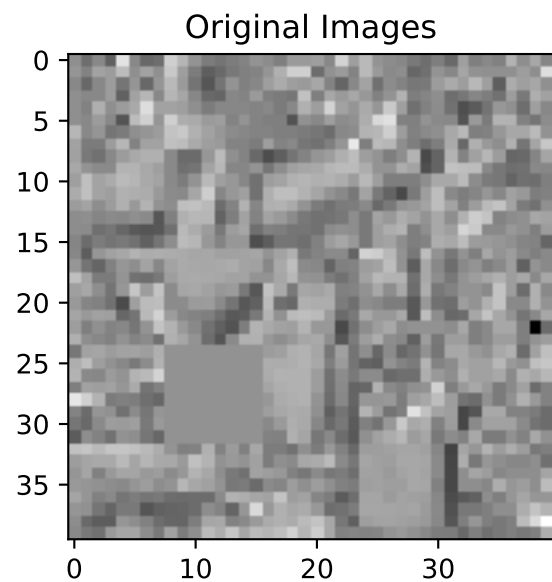
**Trained model : 139**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 0.100000**
**loss : 0.010706**
**msq : 0.009911**
**sparsity : 0.007954**



Original Images

Reconstructed Images

Wight Plots
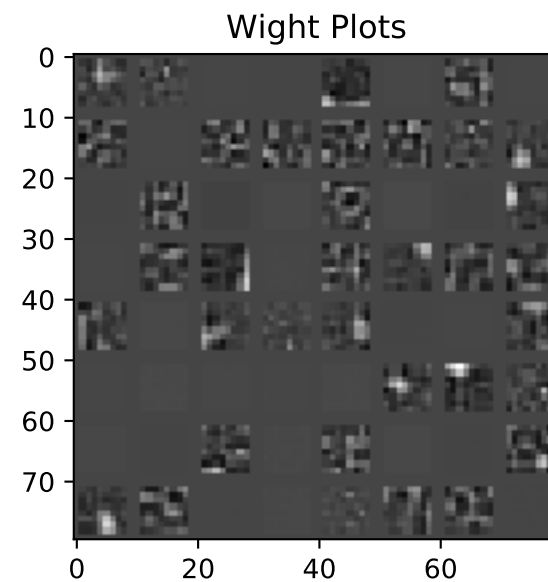
**Trained model : 140**

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**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 3000**
**beta : 1.000000**
**loss : 0.014775**
**msq : 0.014006**
**sparsity : 0.000769**
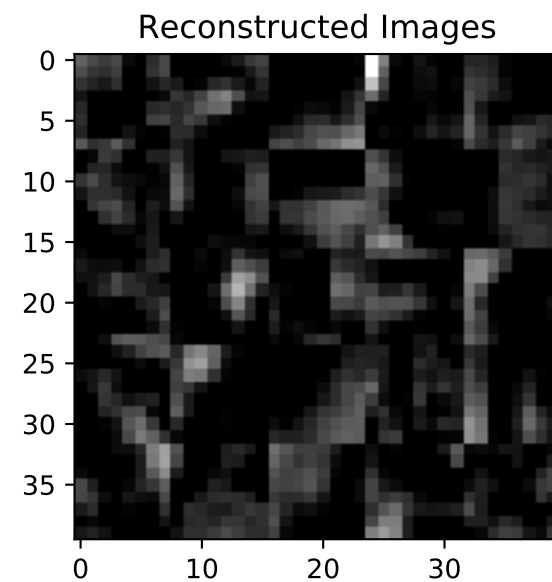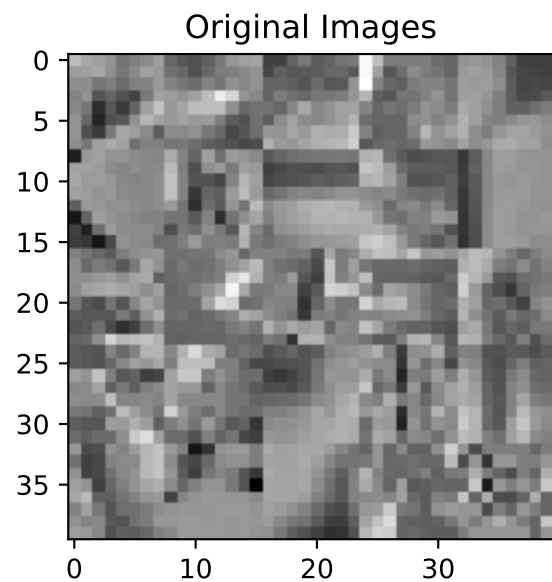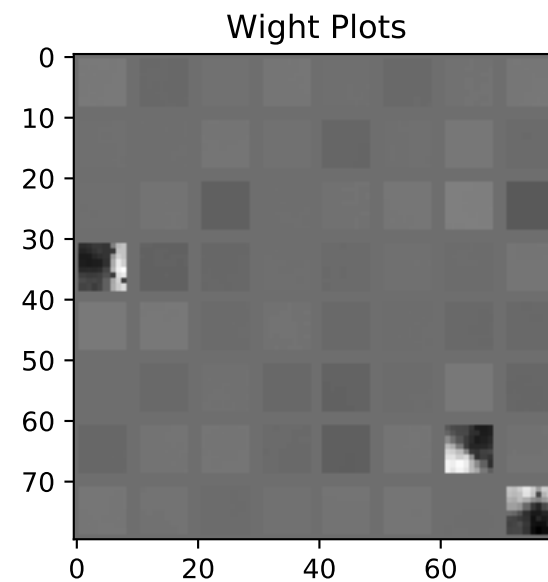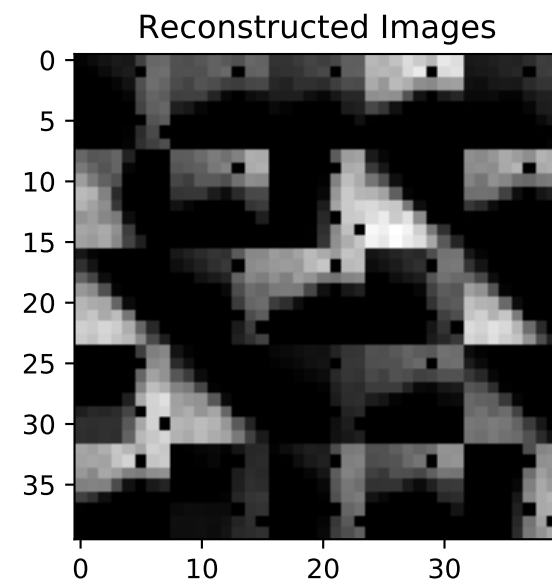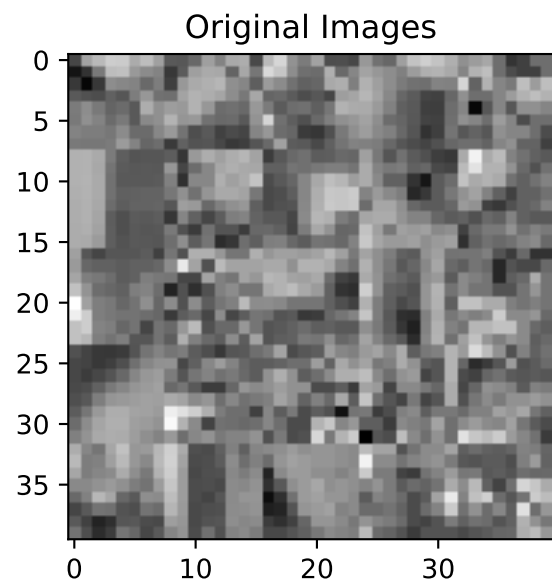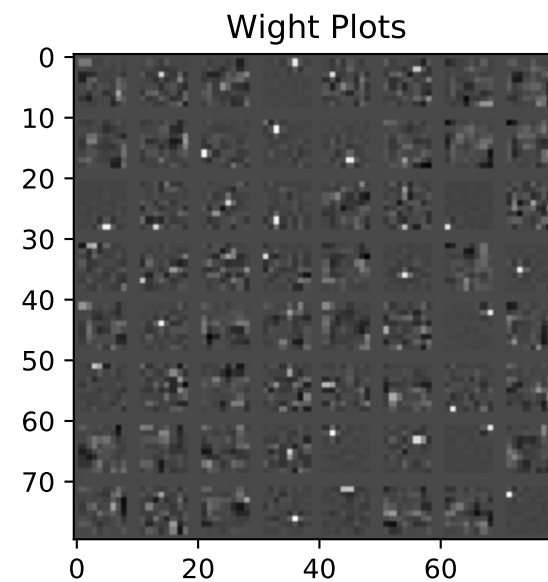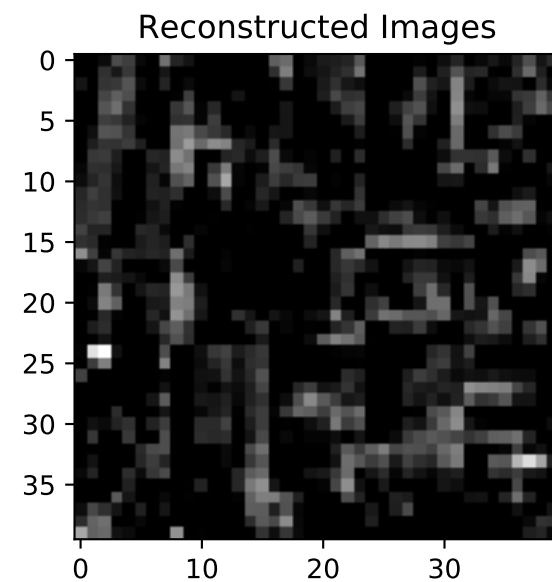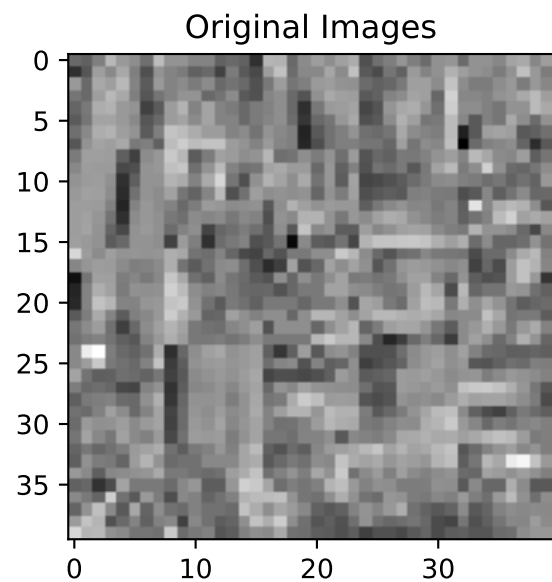


Original Images

Reconstructed Images

Wight Plots

**Trained model : 141**

wscale : 0.010000
learn_rate : 0.000500
batch size : 4000
beta : 0.000100
loss : 0.008362
msq : 0.008356
sparsity : 0.056379



Original Images



Reconstructed Images



Wight Plots

**Trained model : 142**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 0.001000**
**loss : 0.008501**
**msq : 0.008458**
**sparsity : 0.042802**

Original Images

Reconstructed Images

Wight Plots
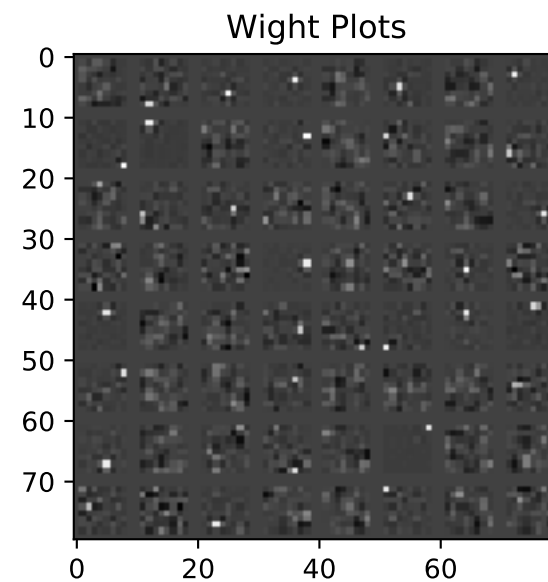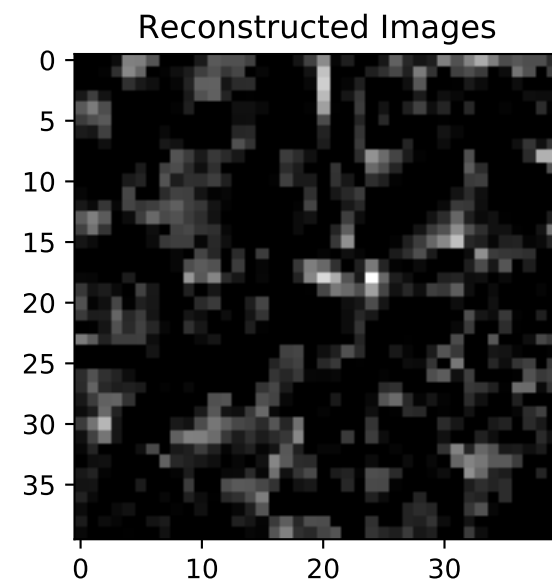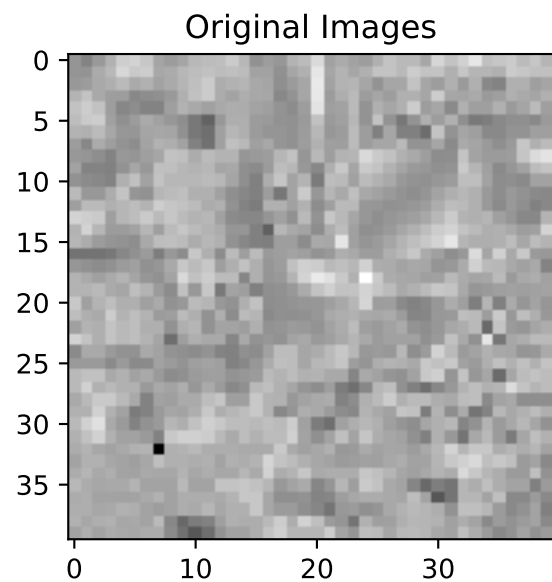
**Trained model : 143**

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**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.008588**
**msq : 0.008378**
**sparsity : 0.021062**



Original Images    Reconstructed Images    Wight Plots
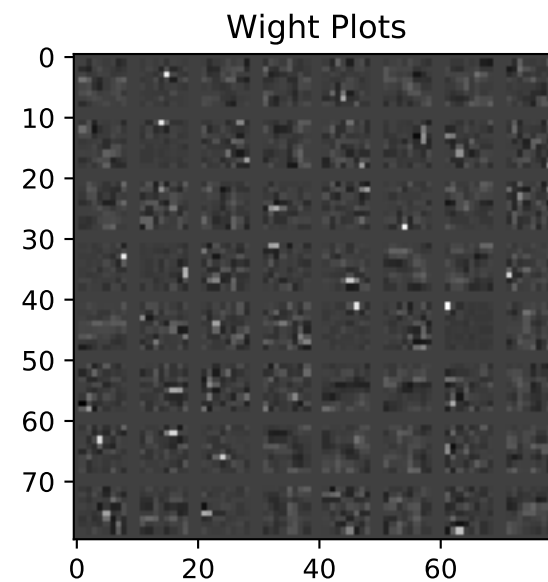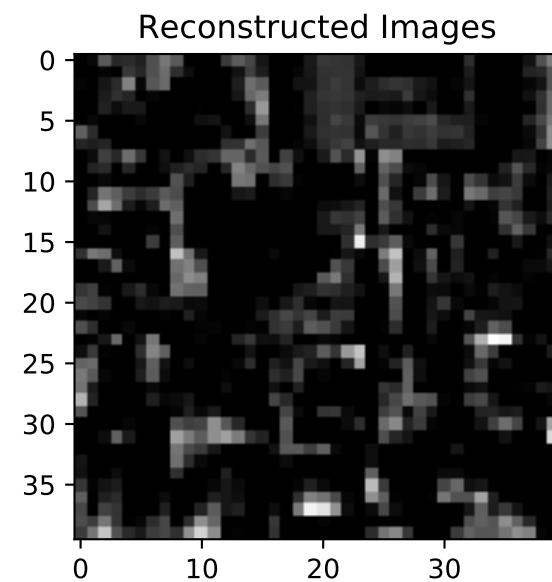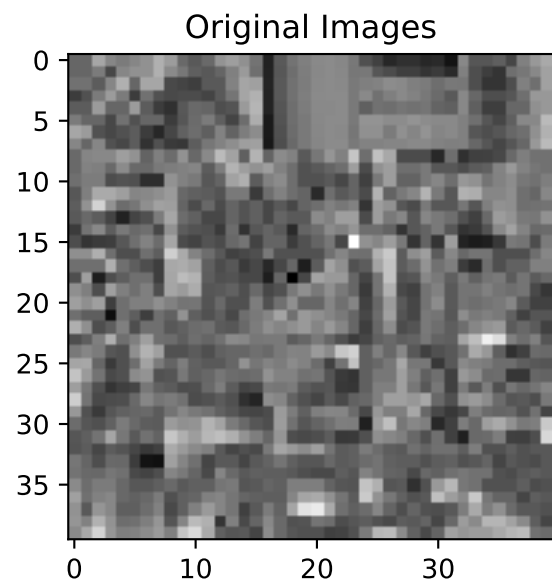
**Trained model : 144**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 0.100000**
**loss : 0.010280**
**msq : 0.009494**
**sparsity : 0.007860**



Original Images



Reconstructed Images



Wight Plots
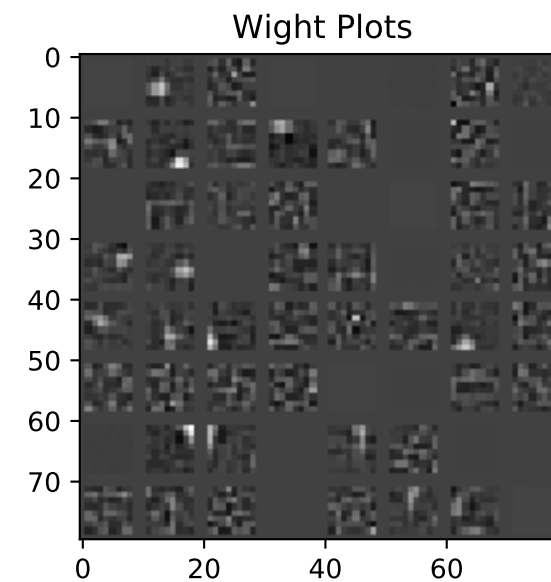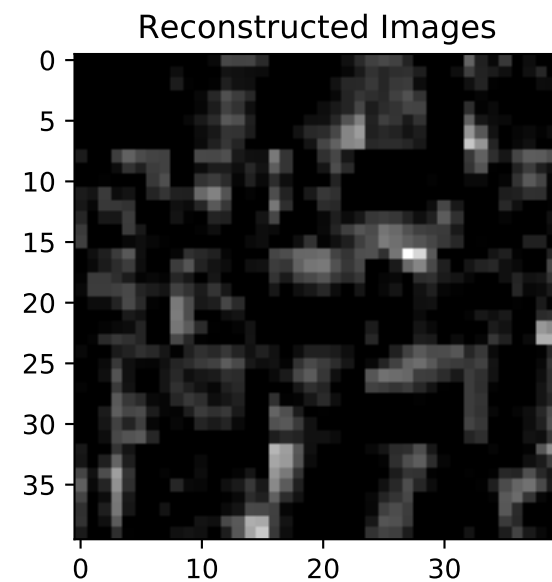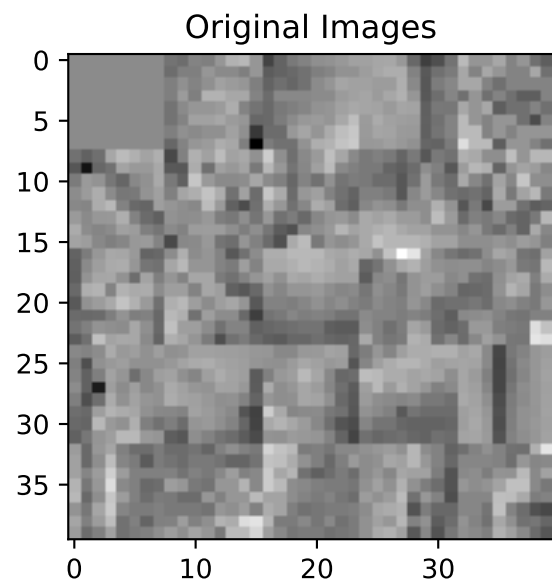
**Trained model : 145**

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**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 4000**
**beta : 1.000000**
**loss : 0.014303**
**msq : 0.013542**
**sparsity : 0.000761**



Original Images



Reconstructed Images



Wight Plots
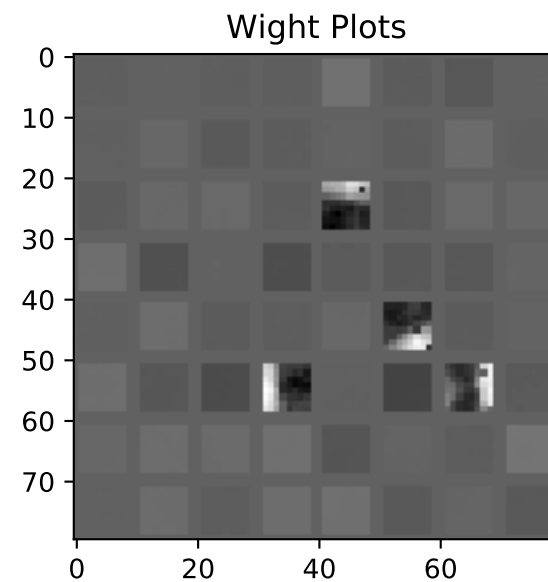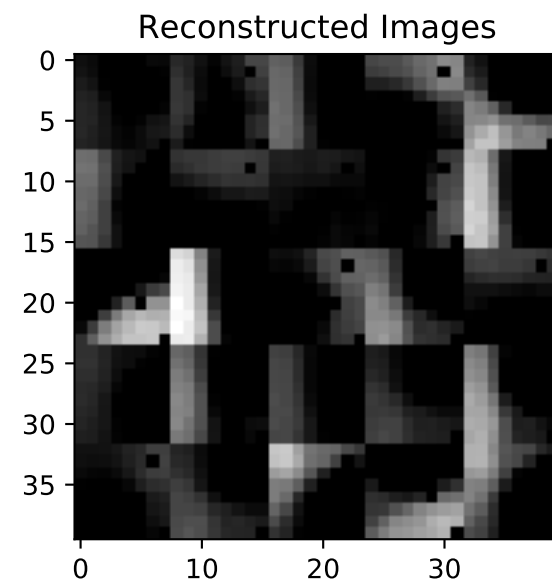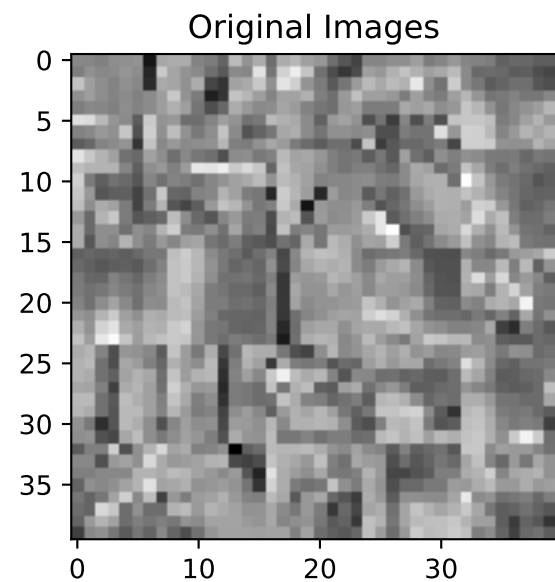
**Trained model : 146**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 0.000100**
**loss : 0.008254**
**msq : 0.008248**
**sparsity : 0.054701**

Original Images

Reconstructed Images

Wight Plots
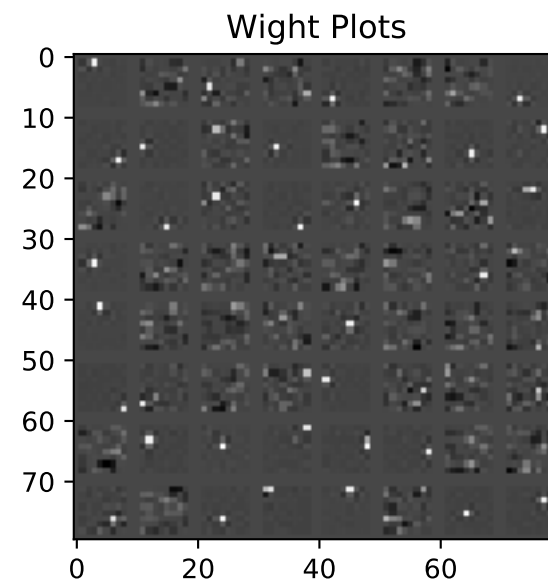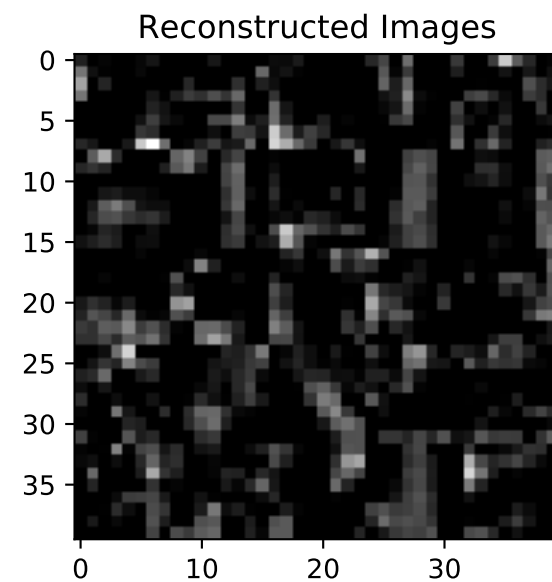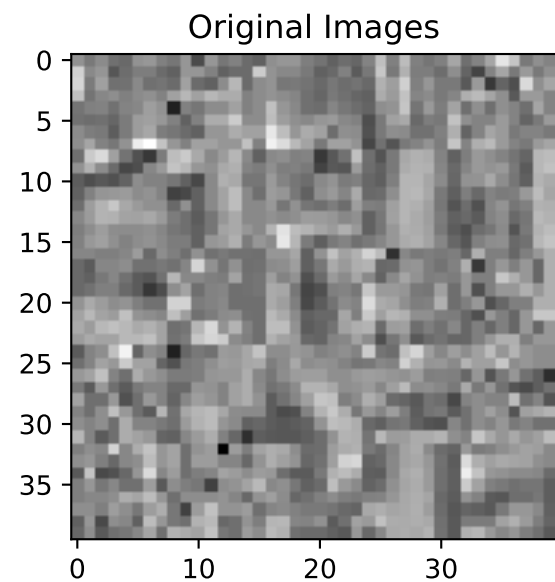
**Trained model : 147**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.008217**
**msq : 0.008178**
**sparsity : 0.039340**



Original Images



Reconstructed Images



Wight Plots
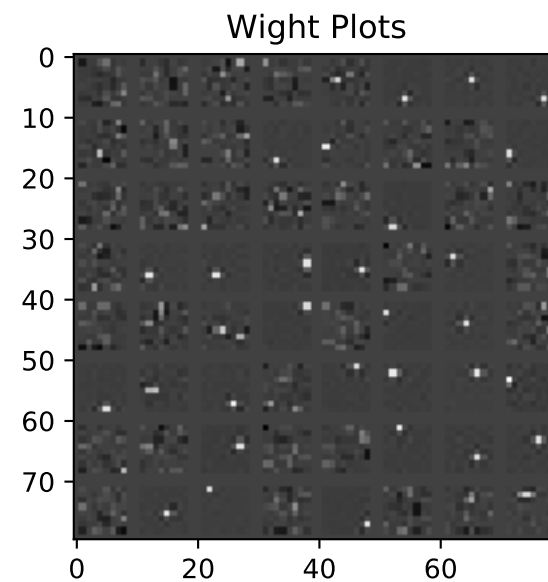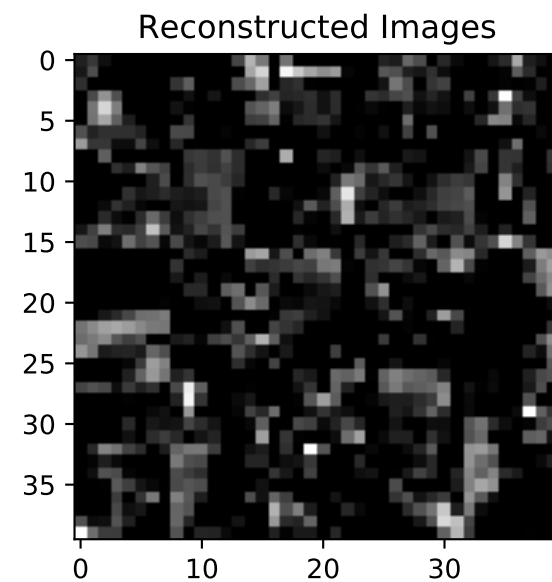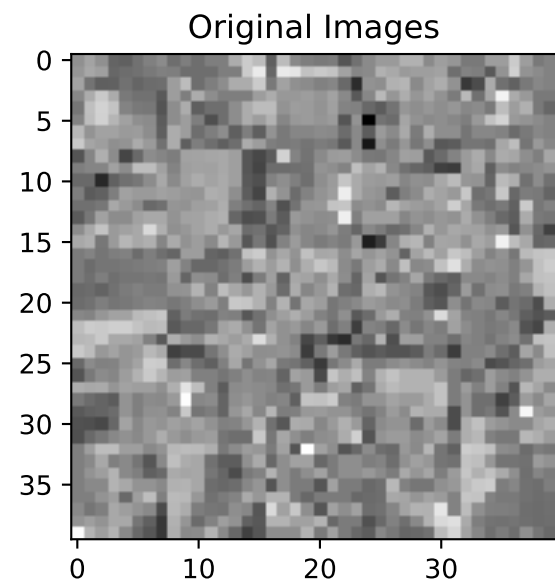
**Trained model : 148**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.008518**
**msq : 0.008333**
**sparsity : 0.018549**



Original Images

Reconstructed Images

Wight Plots
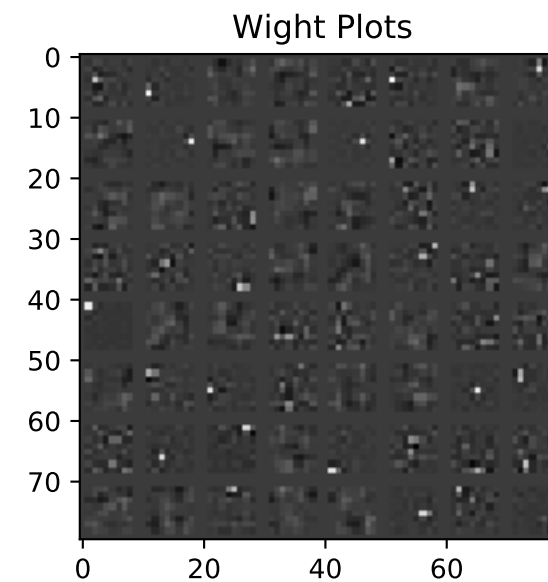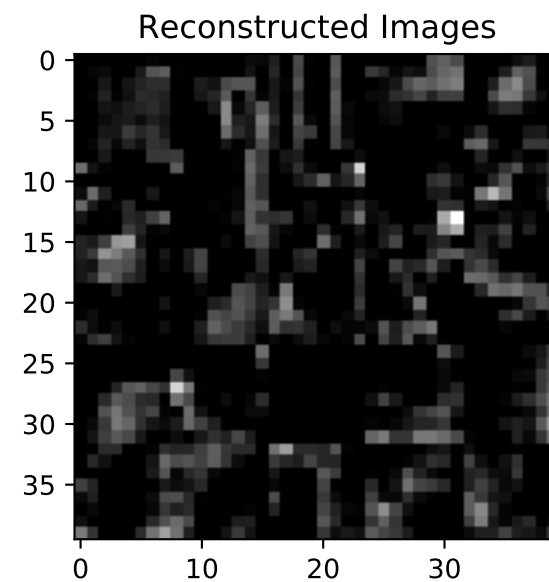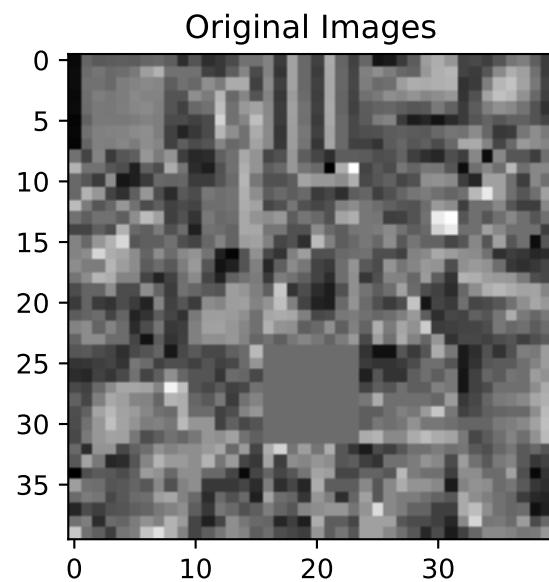
**Trained model : 149**

_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 0.100000**
**loss : 0.009864**
**msq : 0.009113**
**sparsity : 0.007511**

Original Images

Reconstructed Images

Wight Plots
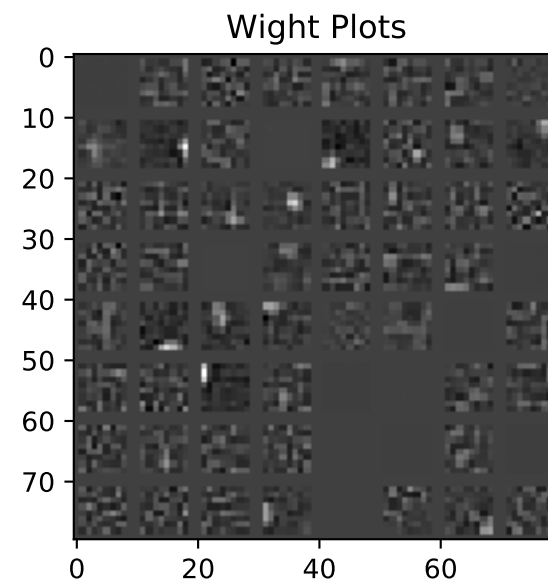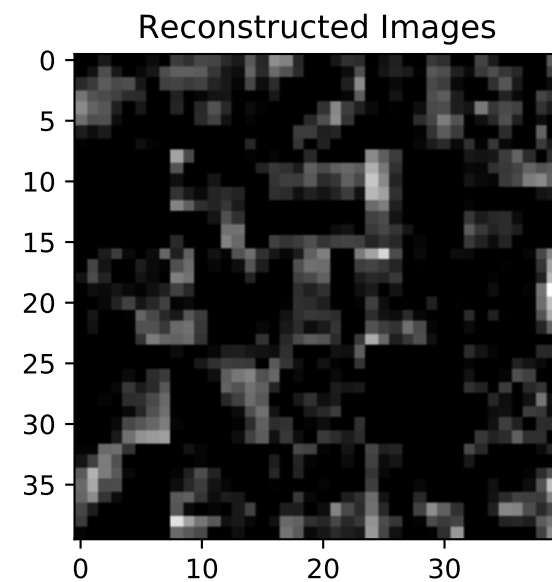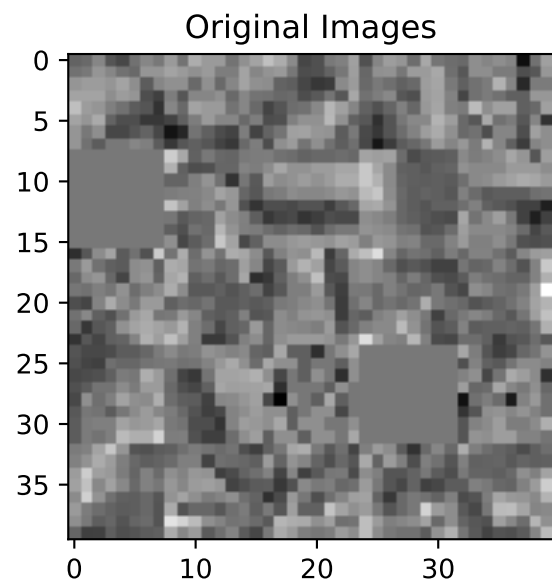
**Trained model : 150**
_____

**wscale : 0.010000**
**learn_rate : 0.000500**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.014012**
**msq : 0.013327**
**sparsity : 0.000684**



Original Images



Reconstructed Images



Wight Plots
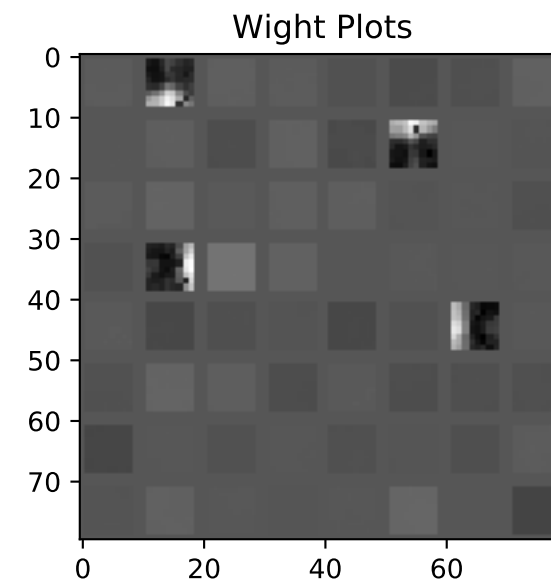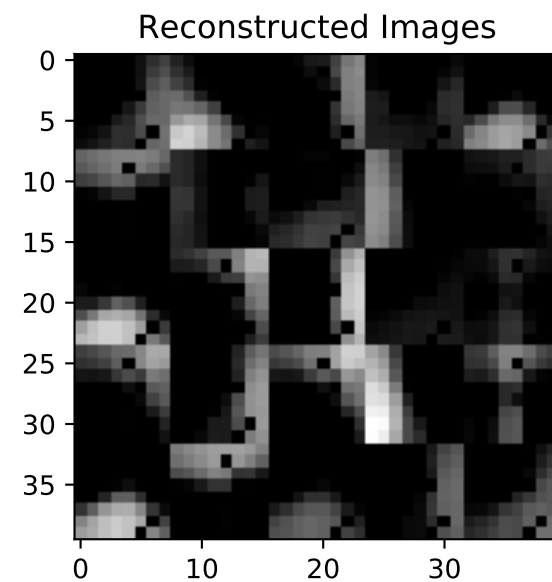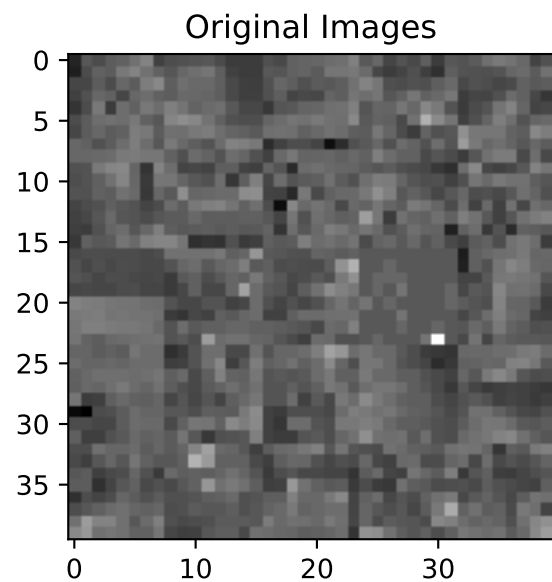
**Trained model : 151**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 0.000100**
**loss : 0.007922**
**msq : 0.007917**
**sparsity : 0.050452**



Original Images

Reconstructed Images

Wight Plots
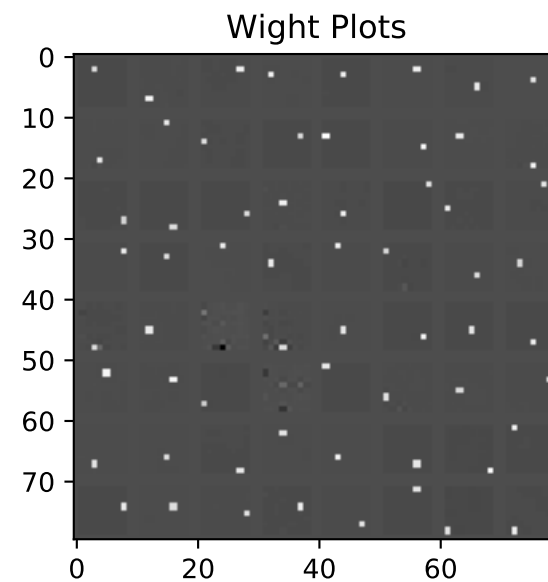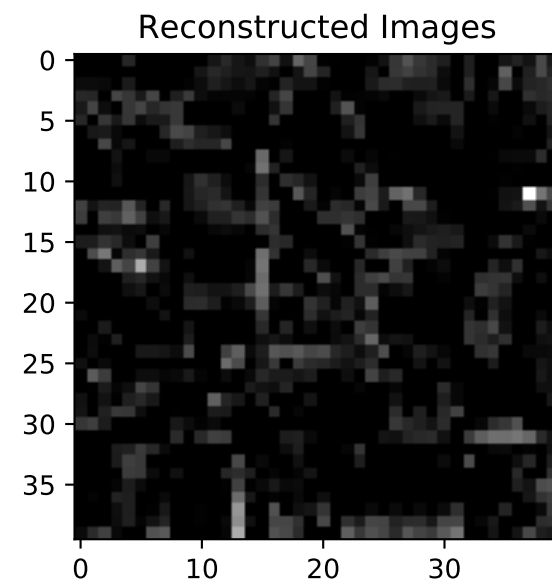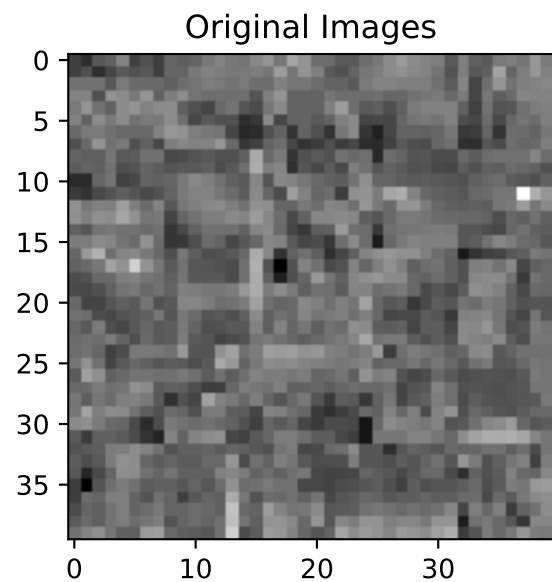
**Trained model : 152**

---

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 0.001000**
**loss : 0.008168**
**msq : 0.008134**
**sparsity : 0.034021**



Original Images



Reconstructed Images



Wight Plots
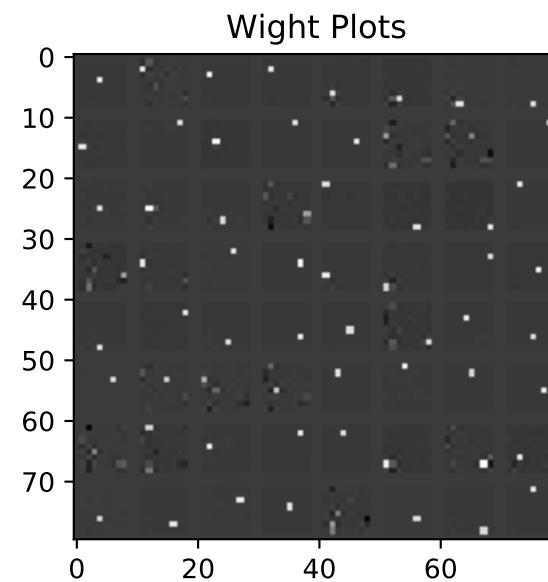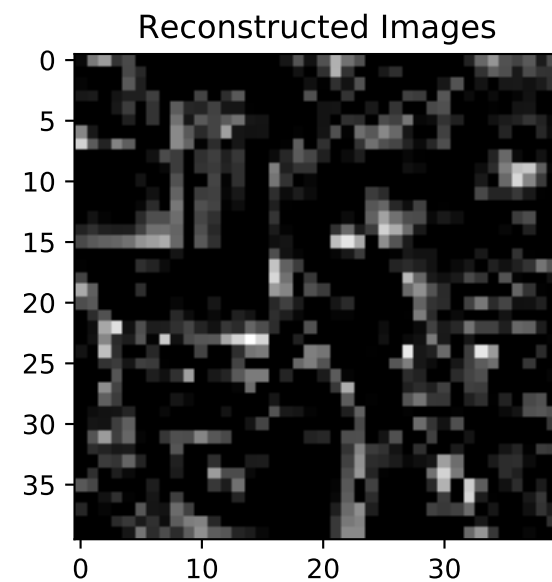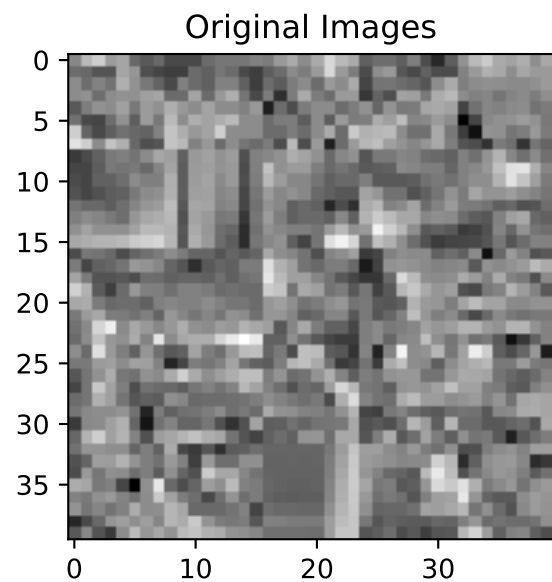
**Trained model : 153**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.008122**
**msq : 0.007959**
**sparsity : 0.016354**



Original Images



Reconstructed Images



Wight Plots
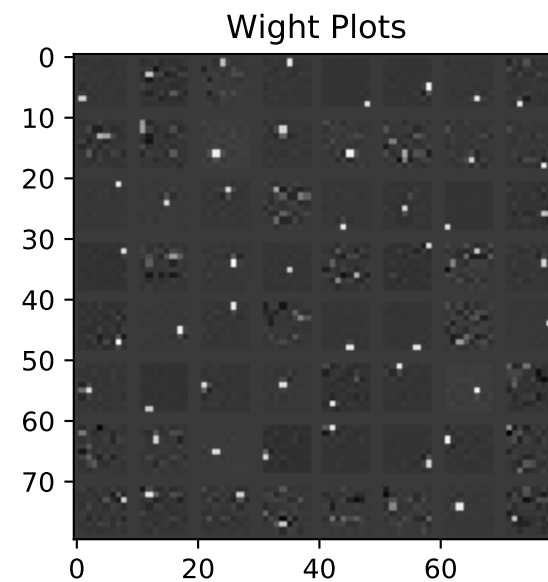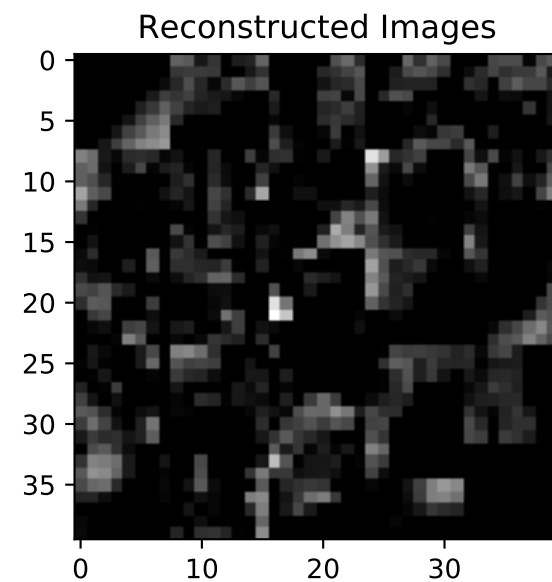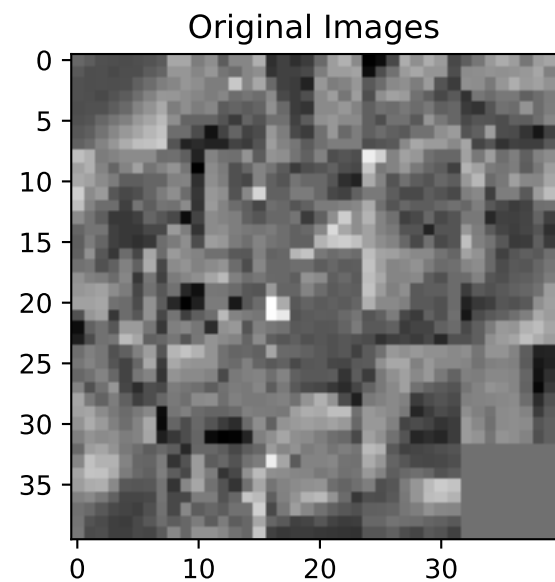
**Trained model : 154**

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 0.100000**
**loss : 0.010510**
**msq : 0.009986**
**sparsity : 0.005239**



Original Images



Reconstructed Images



Wight Plots
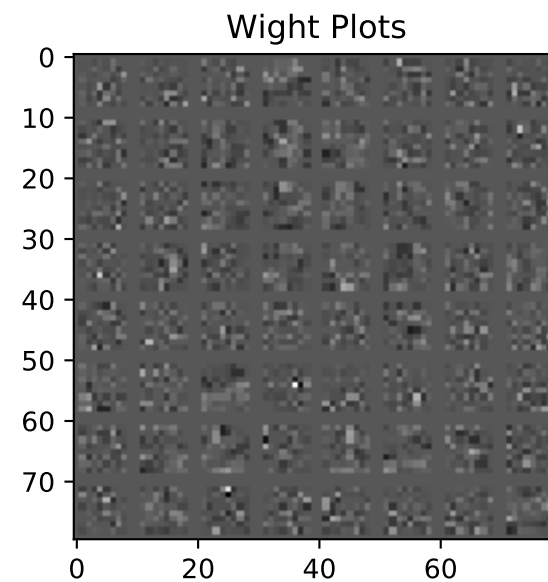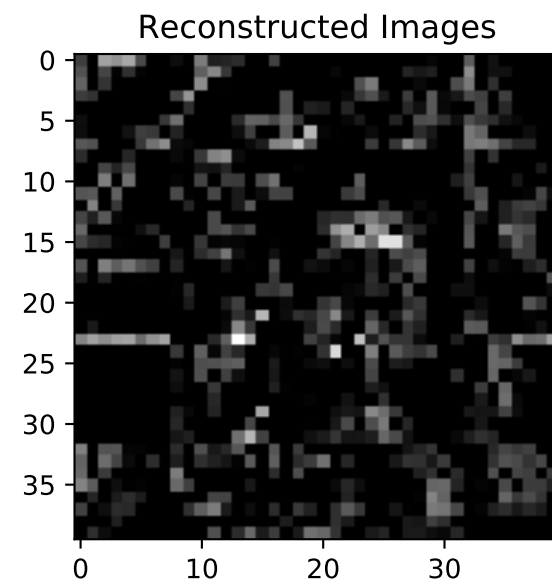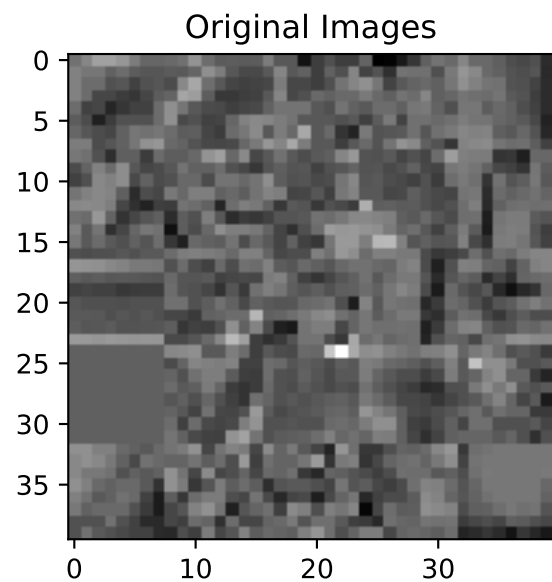
**Trained model : 155**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 1000**
**beta : 1.000000**
**loss : 0.014951**
**msq : 0.014335**
**sparsity : 0.000616**

Original Images

Reconstructed Images

Wight Plots
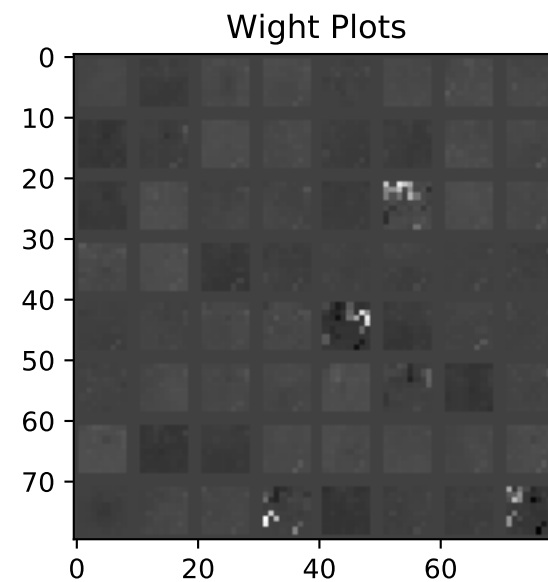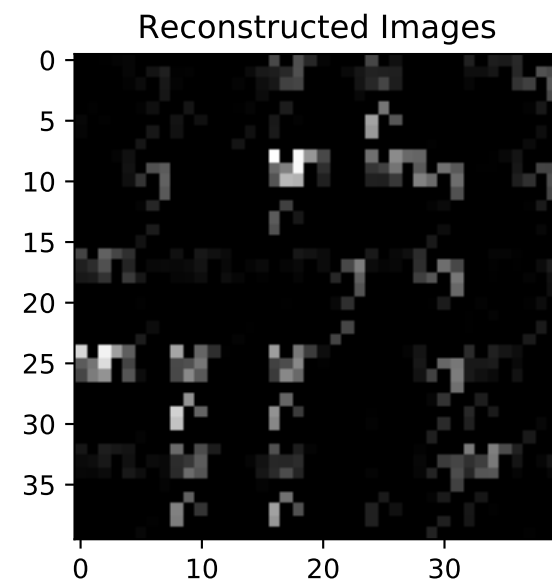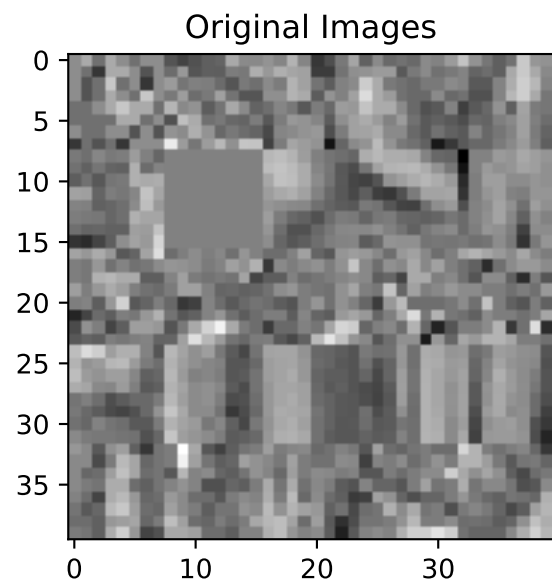
**Trained model : 156**
_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.007758**
**msq : 0.007753**
**sparsity : 0.043599**



Original Images

Reconstructed Images

Wight Plots
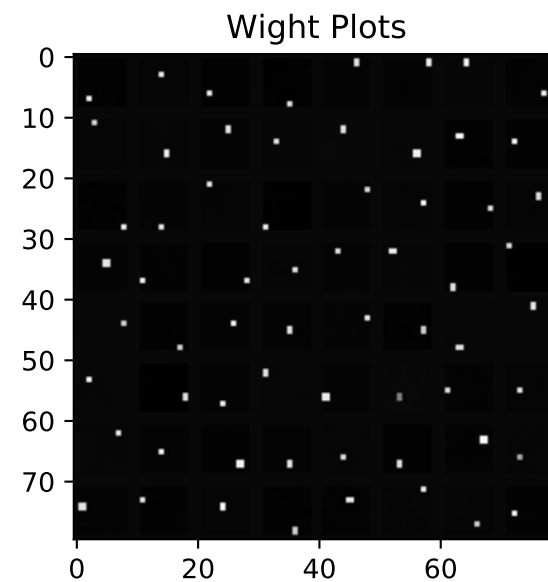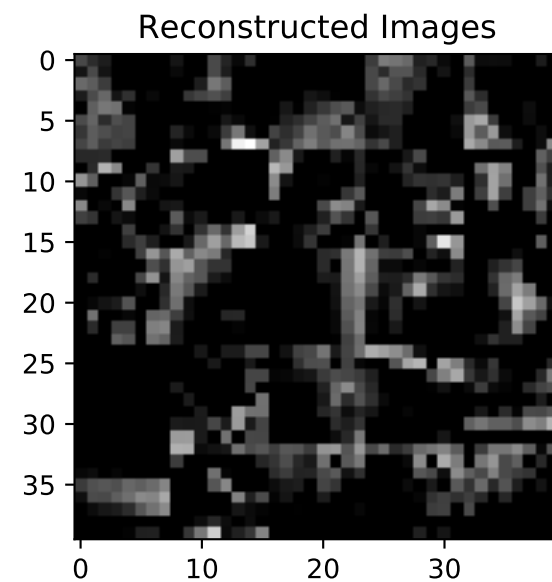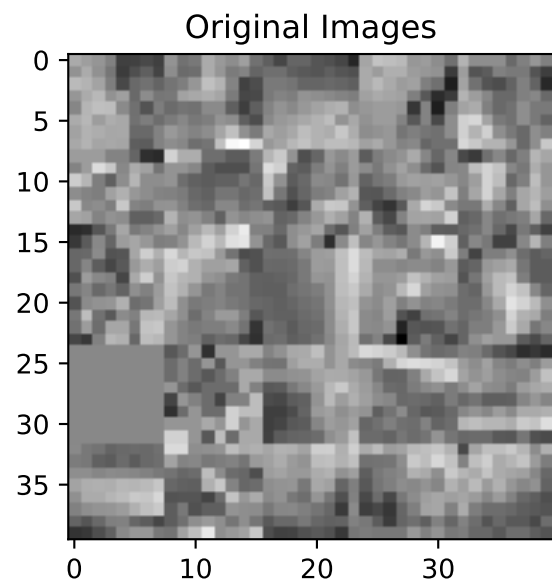
**Trained model : 157**
_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.008065**
**msq : 0.008042**
**sparsity : 0.023447**



Original Images



Reconstructed Images



Wight Plots
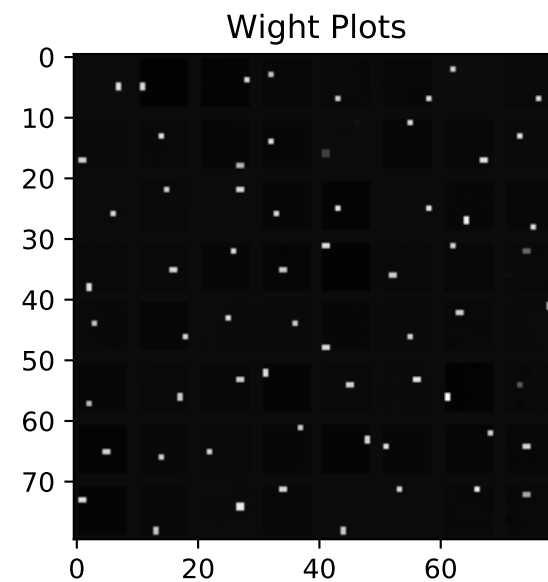
**Trained model : 158**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 0.010000**
**loss : 0.007969**
**msq : 0.007855**
**sparsity : 0.011358**


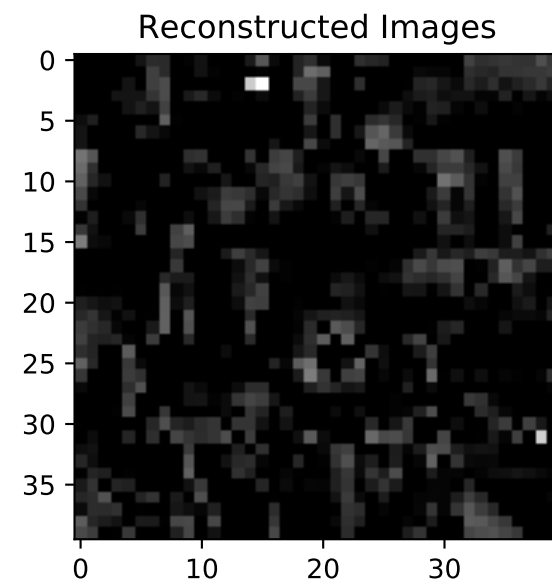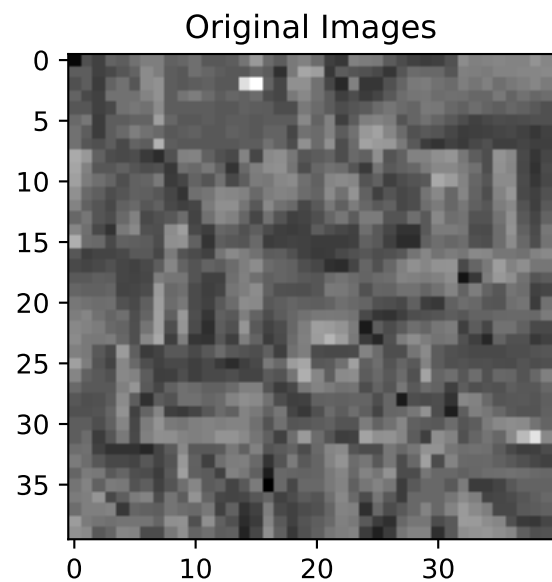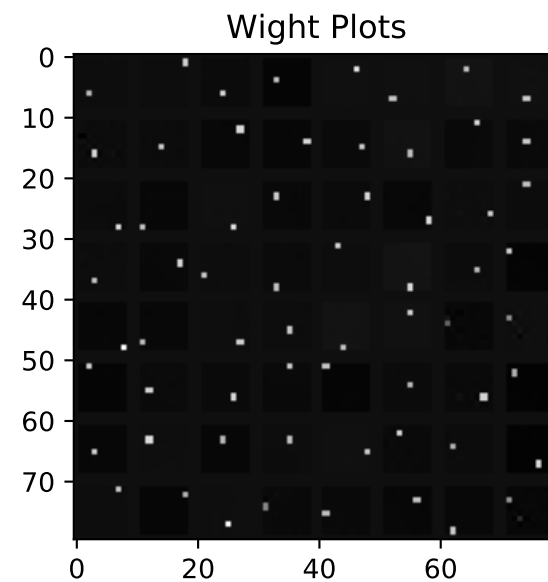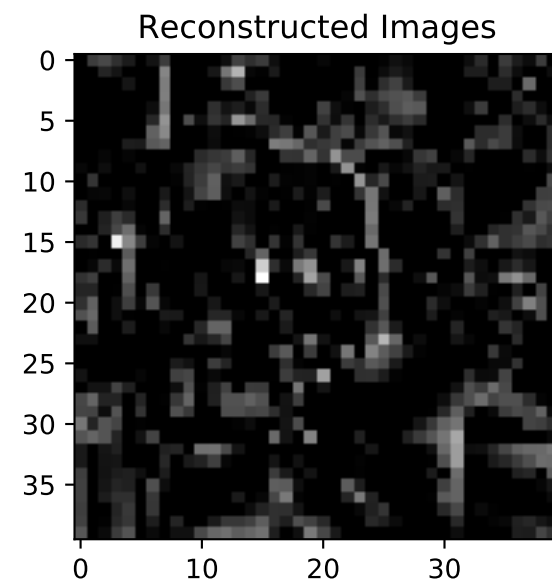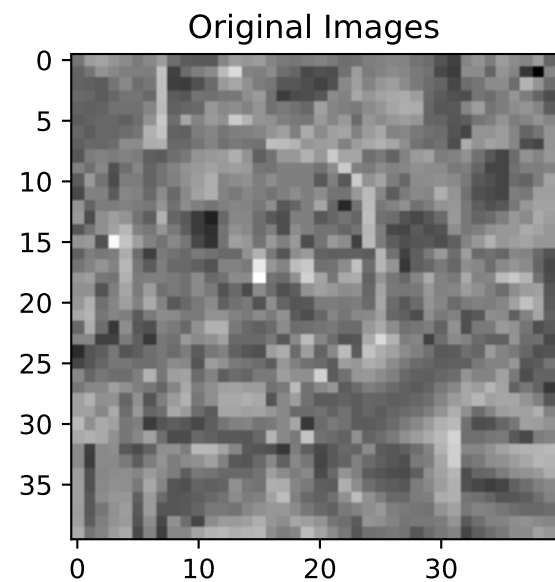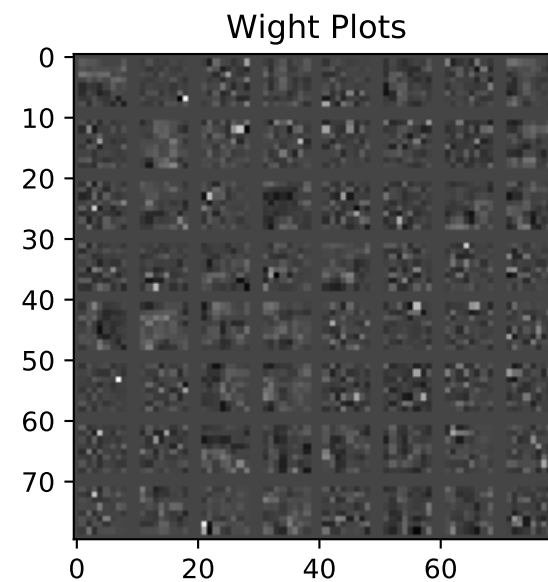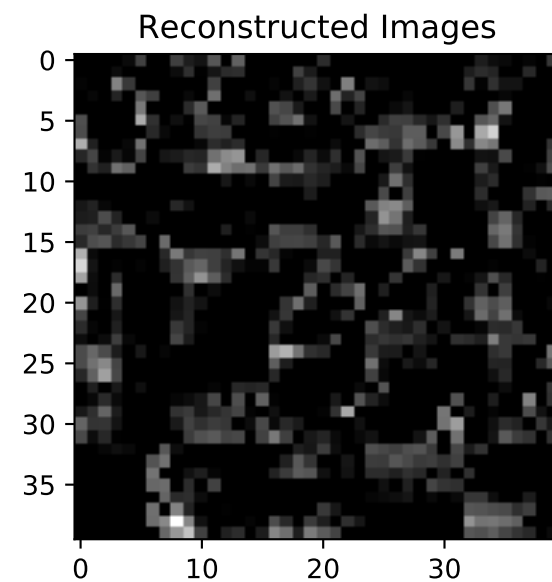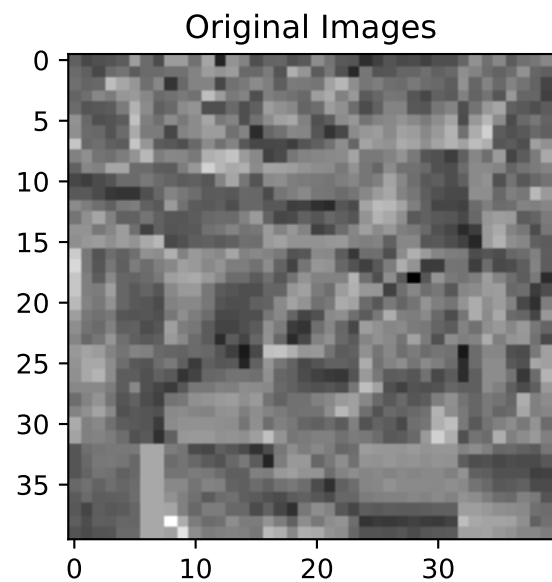
Original Images



Reconstructed Images



Wight Plots

**Trained model : 159**

wscale : 0.010000
learn_rate : 0.005000
batch size : 2000
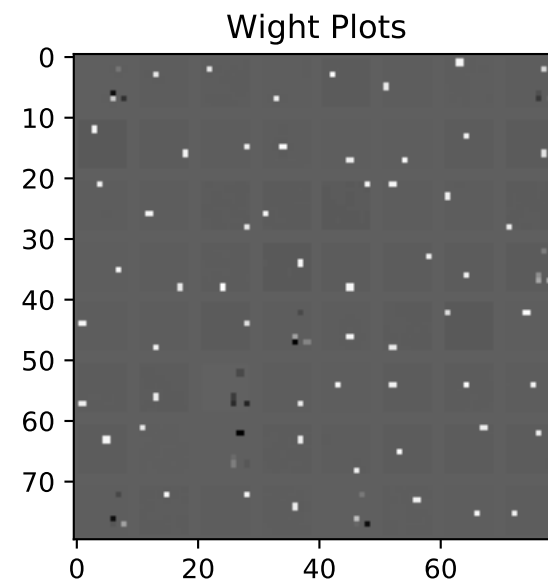beta : 0.100000
loss : 0.009922
msq : 0.009519
sparsity : 0.004033



Original Images



Reconstructed Images



Wight Plots

**Trained model : 160**

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**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 2000**
**beta : 1.000000**
**loss : 0.012231**
**msq : 0.011048**
**sparsity : 0.001183**



Original Images



Reconstructed Images



Wight Plots
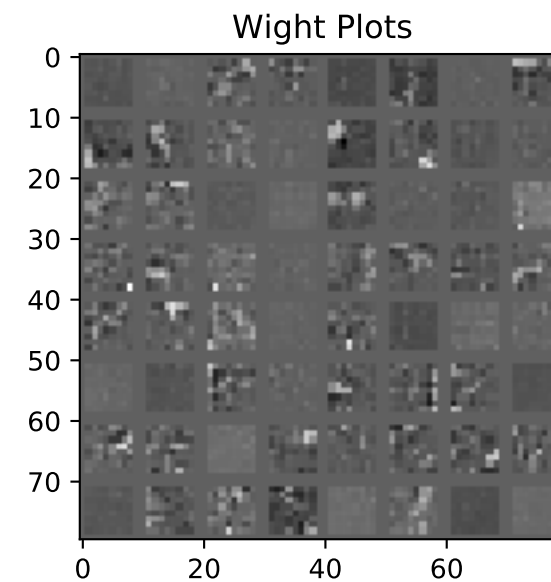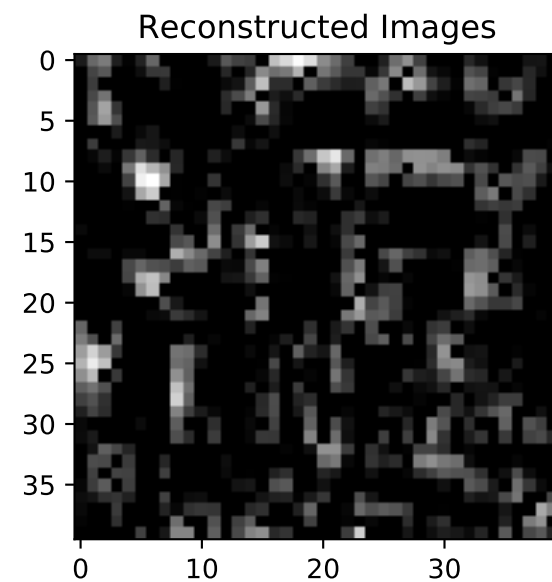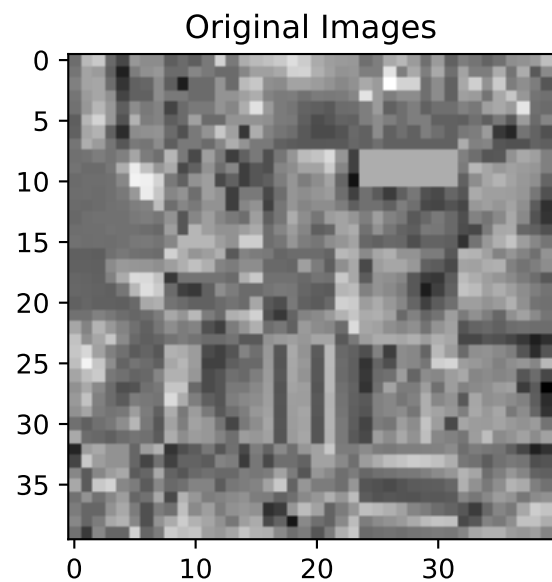
**Trained model : 161**

---

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 0.000100**
**loss : 0.008173**
**msq : 0.008169**
**sparsity : 0.039210**



Original Images

Reconstructed Images

Wight Plots
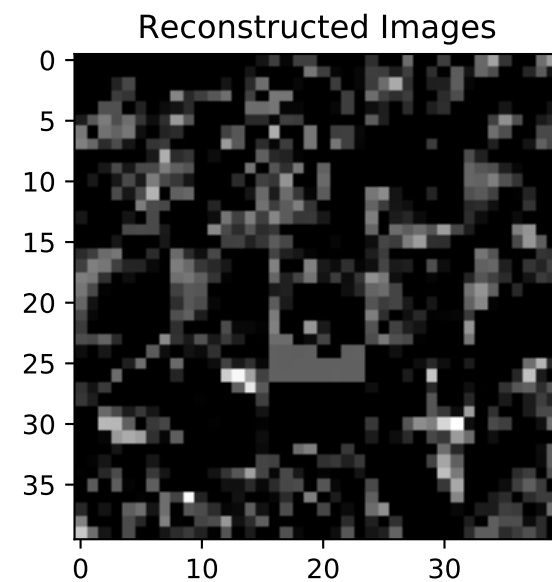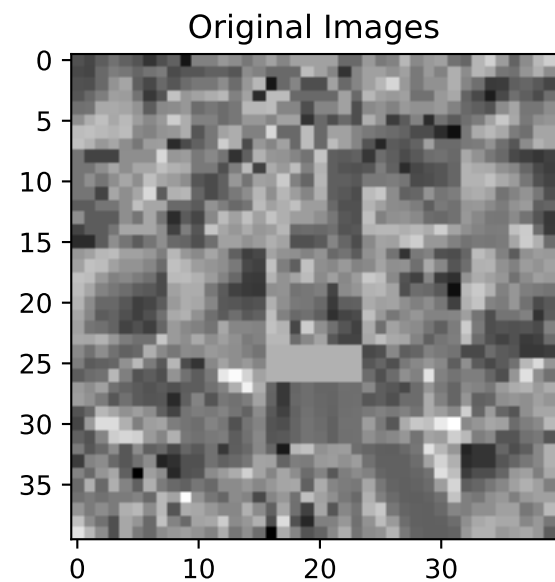
**Trained model : 162**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 0.001000**
**loss : 0.008107**
**msq : 0.008089**
**sparsity : 0.018029**



Original Images

Reconstructed Images

Wight Plots
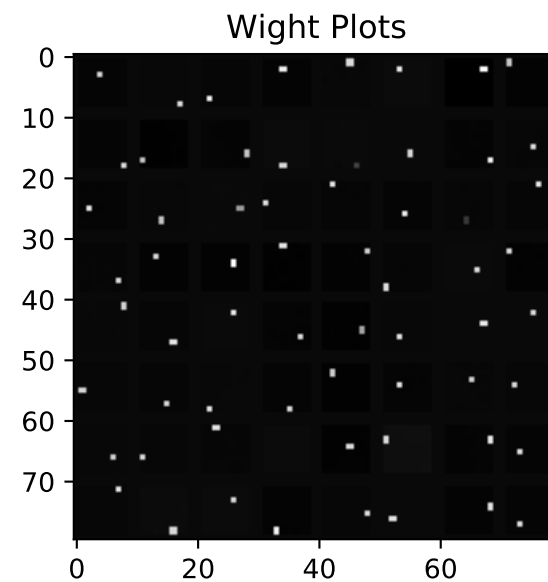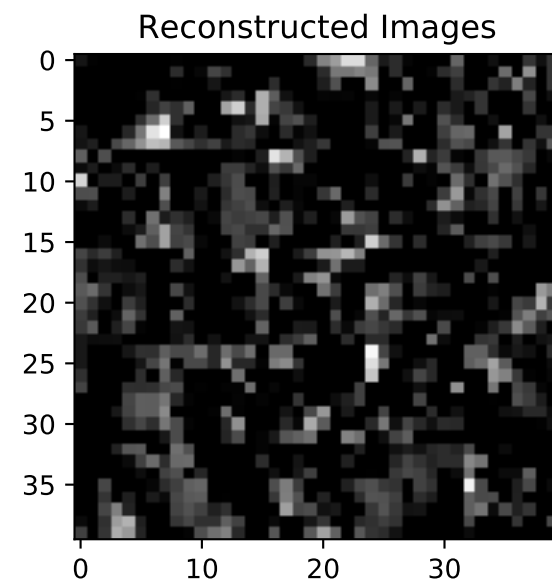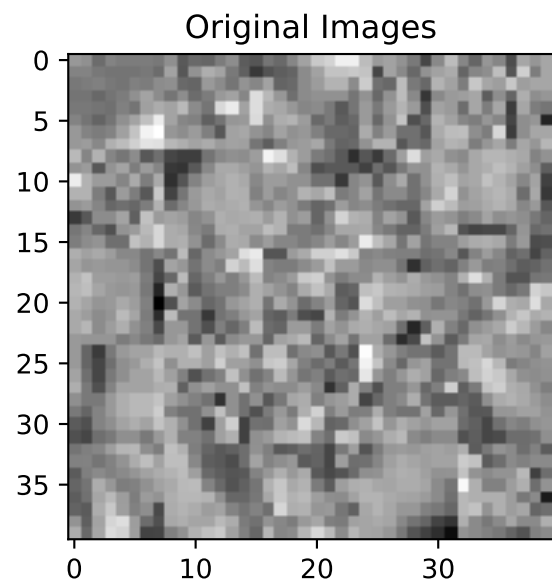
**Trained model : 163**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.007989**
**msq : 0.007902**
**sparsity : 0.008634**



Original Images



Reconstructed Images



Wight Plots
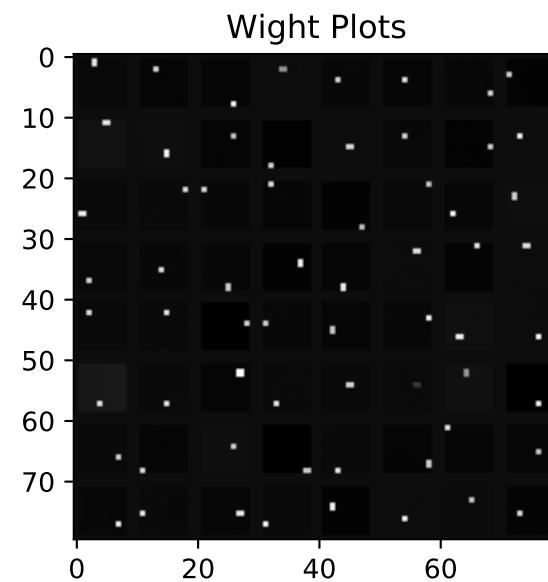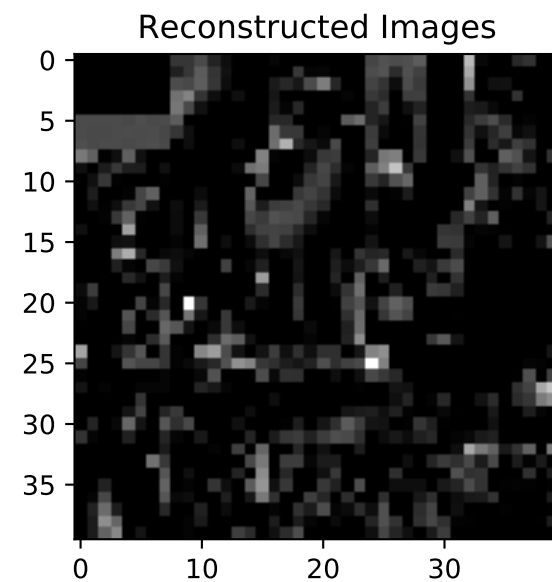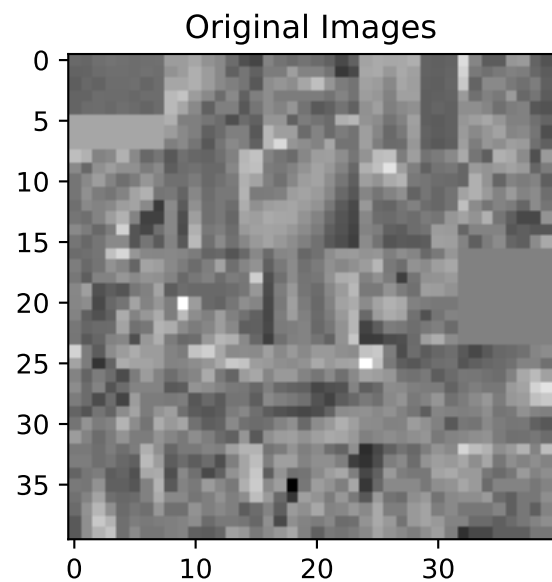
**Trained model : 164**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 0.100000**
**loss : 0.009512**
**msq : 0.009175**
**sparsity : 0.003369**



Original Images



Reconstructed Images



Wight Plots
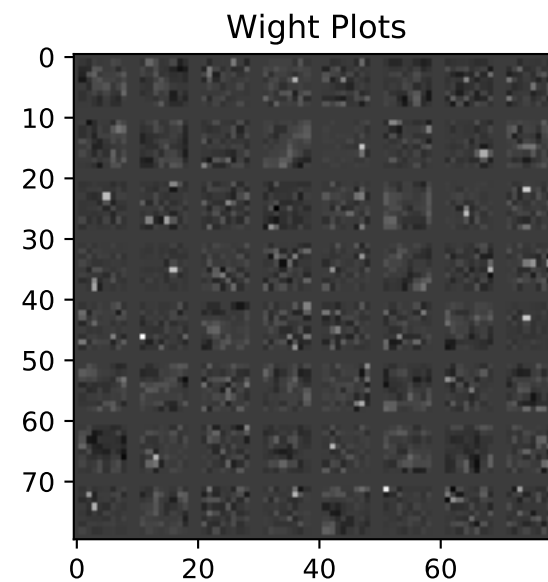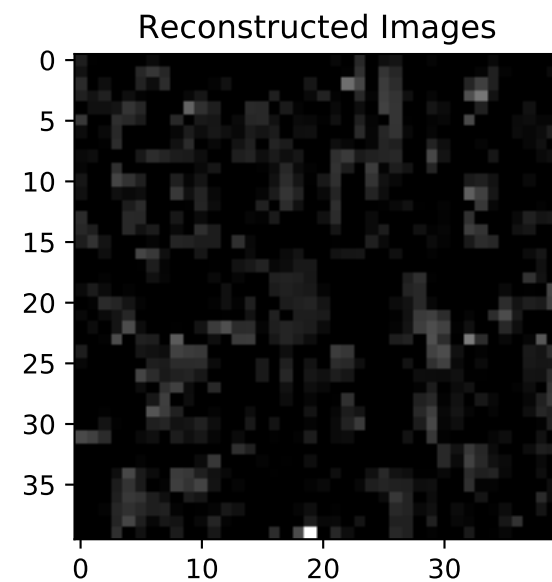
**Trained model : 165**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 3000**
**beta : 1.000000**
**loss : 0.011955**
**msq : 0.010854**
**sparsity : 0.001102**


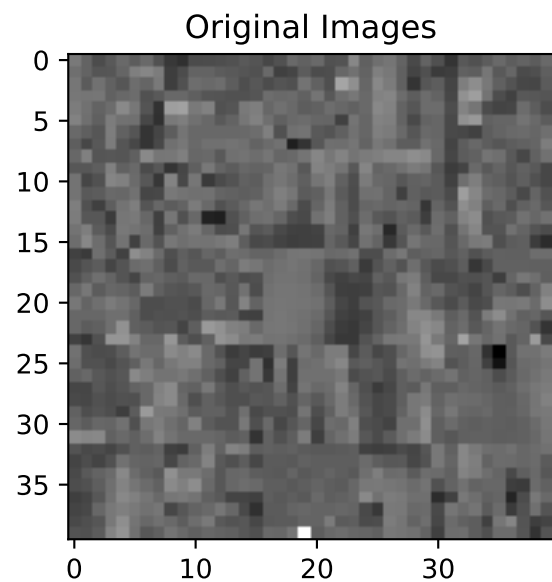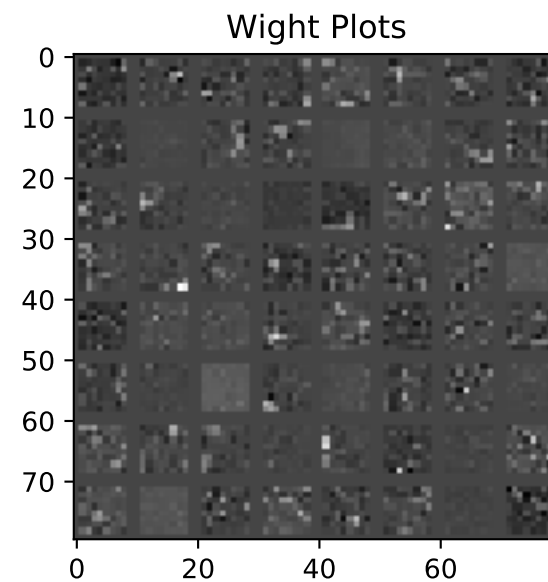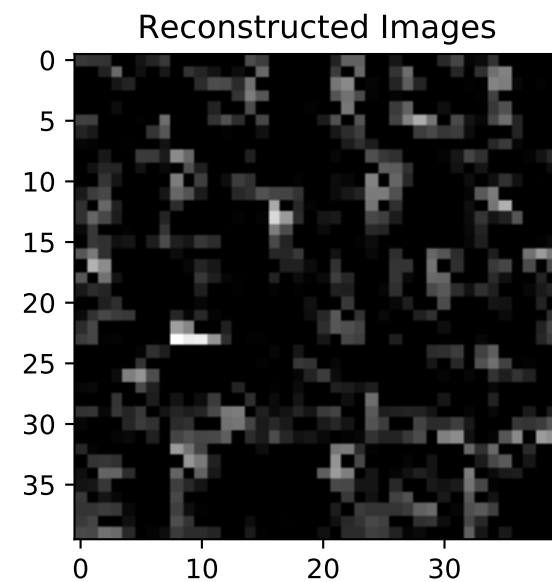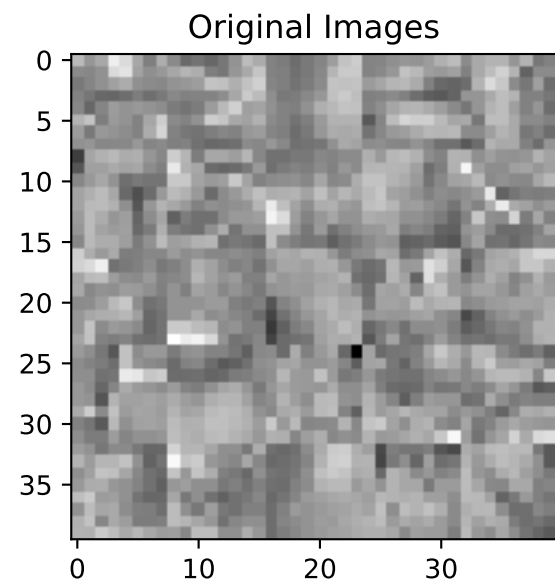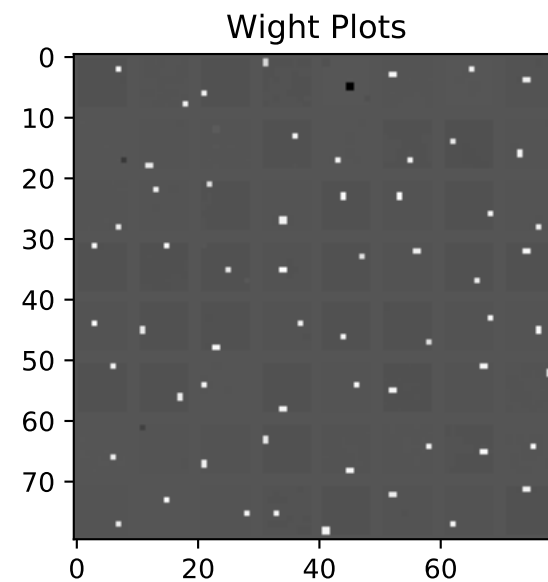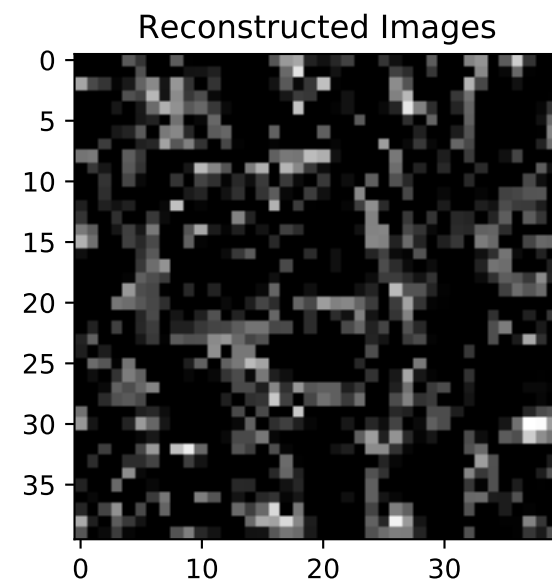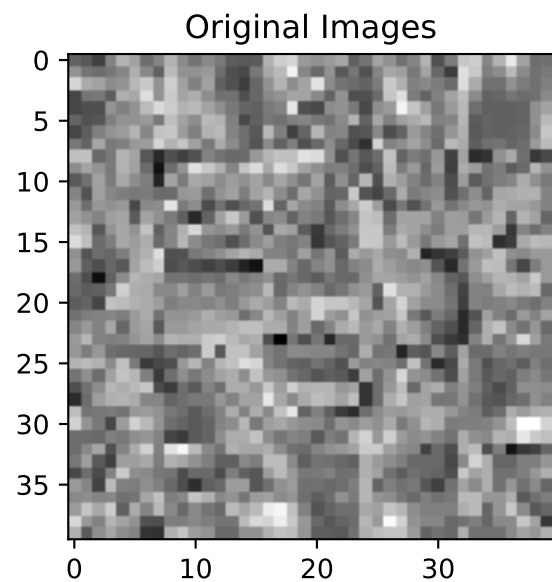
Original Images



Reconstructed Images



Wight Plots

**Trained model : 166**

wscale : 0.010000
learn_rate : 0.005000
batch size : 4000
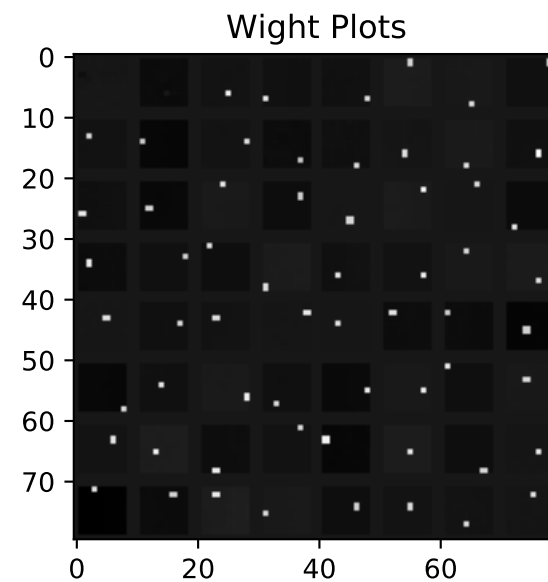beta : 0.000100
loss : 0.008211
msq : 0.008208
sparsity : 0.034094



Original Images



Reconstructed Images



Wight Plots

**Trained model : 167**

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**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 4000**
**beta : 0.001000**
**loss : 0.008000**
**msq : 0.007984**
**sparsity : 0.015140**



Original Images



Reconstructed Images



Wight Plots
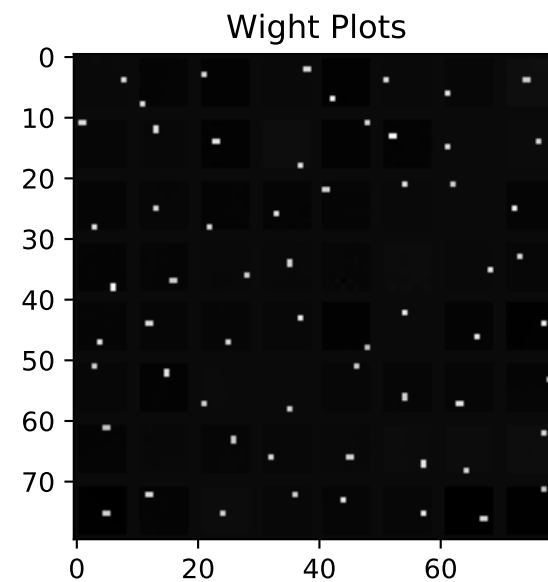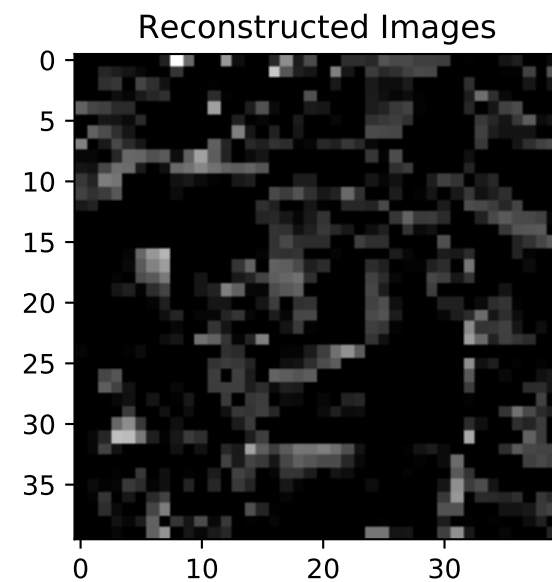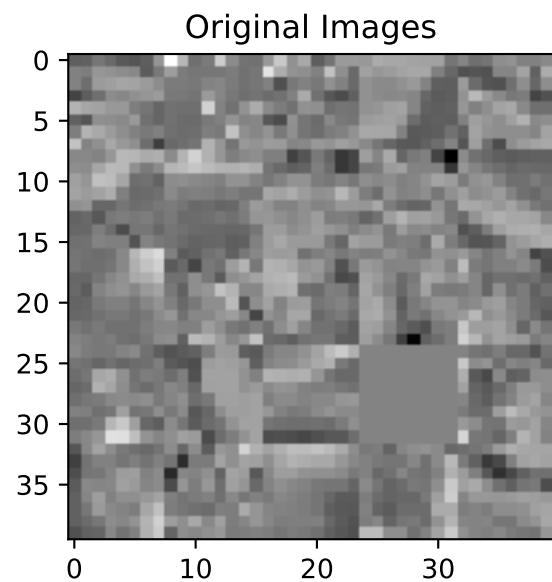
**Trained model : 168**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.007990**
**msq : 0.007917**
**sparsity : 0.007285**



Original Images



Reconstructed Images



Wight Plots
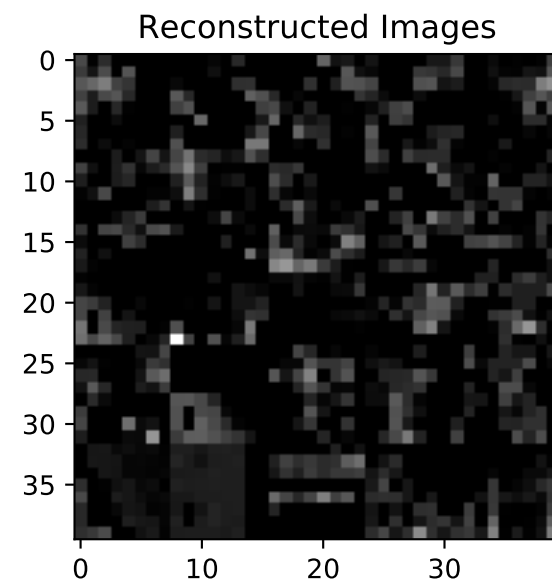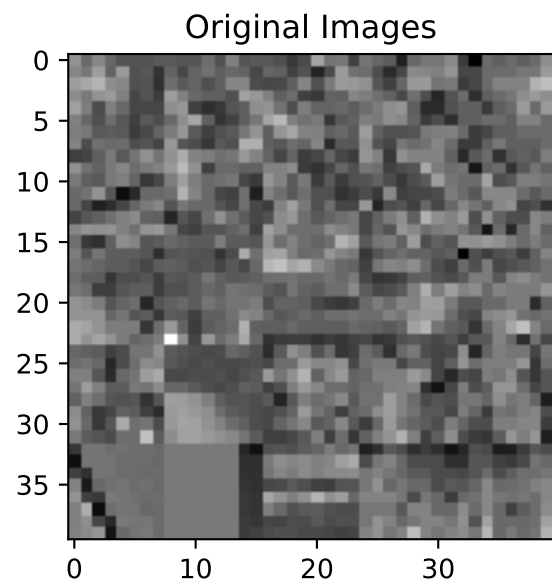
**Trained model : 169**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 4000**
**beta : 0.100000**
**loss : 0.009496**
**msq : 0.009210**
**sparsity : 0.002859**



Original Images



Reconstructed Images



Wight Plots
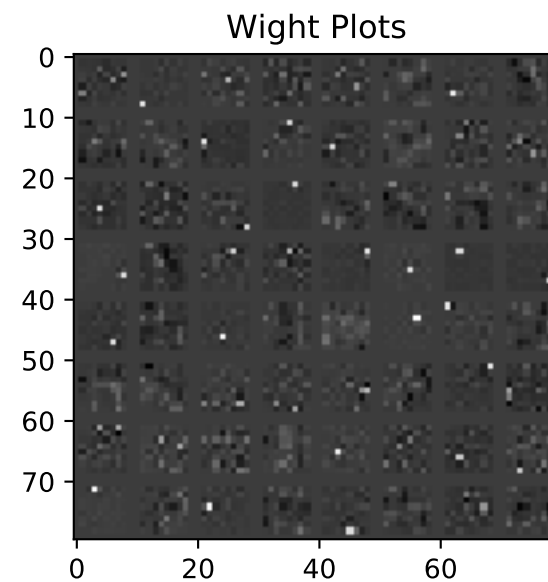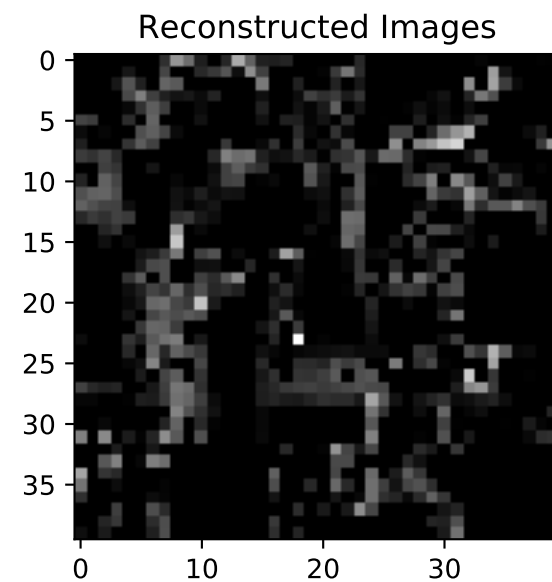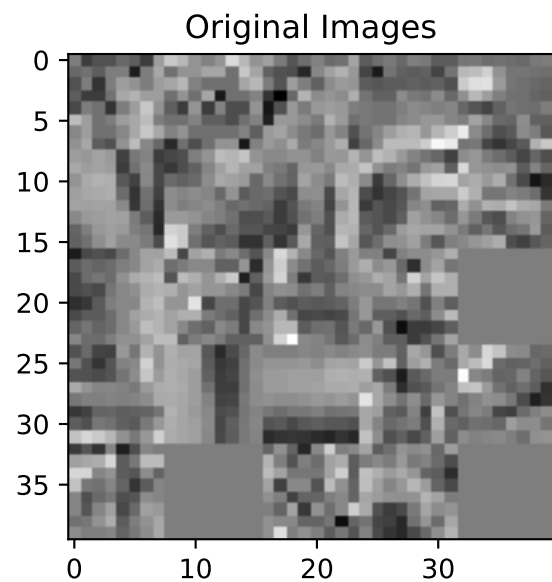
**Trained model : 170**

---

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 4000**
**beta : 1.000000**
**loss : 0.011538**
**msq : 0.010405**
**sparsity : 0.001133**



Original Images



Reconstructed Images



Wight Plots
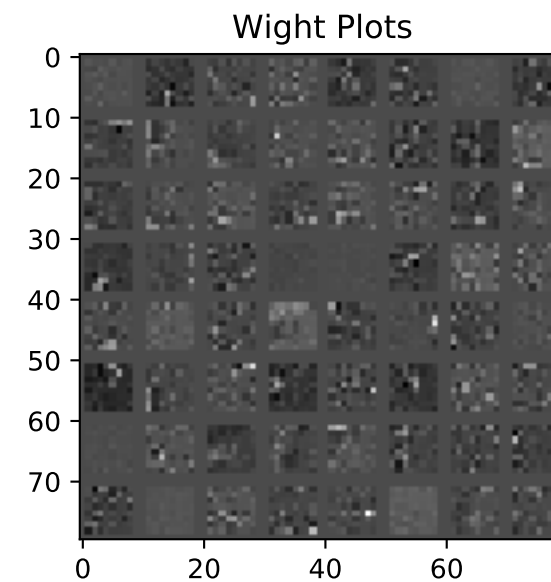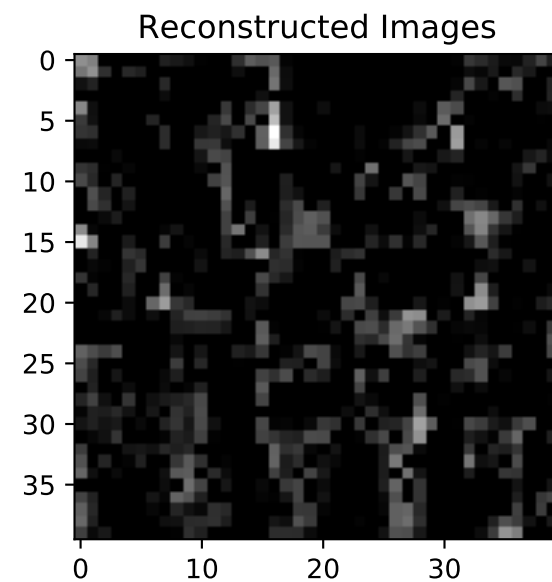
**Trained model : 171**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 0.000100**
**loss : 0.007772**
**msq : 0.007769**
**sparsity : 0.030863**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 172**

wscale : 0.010000
learn_rate : 0.005000
batch size : 5000
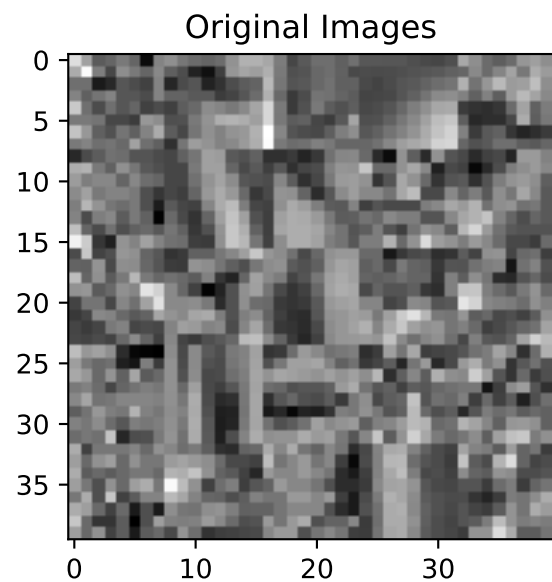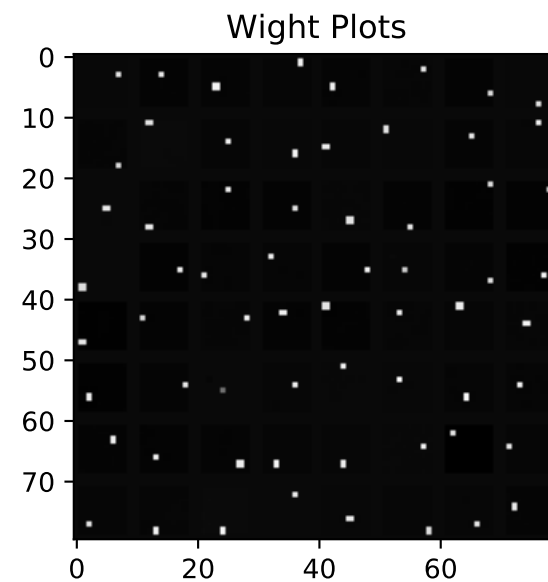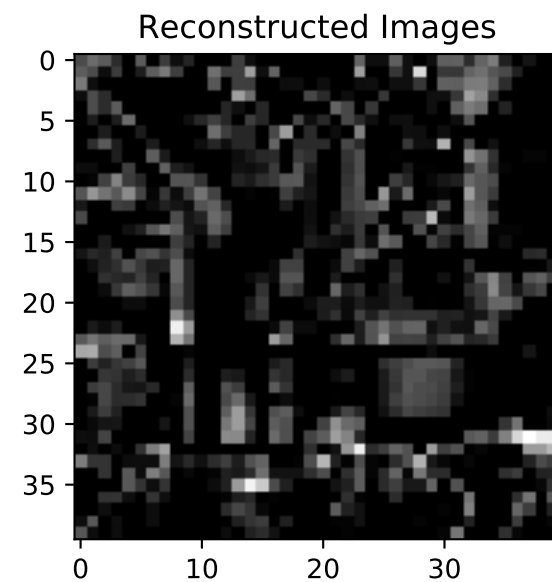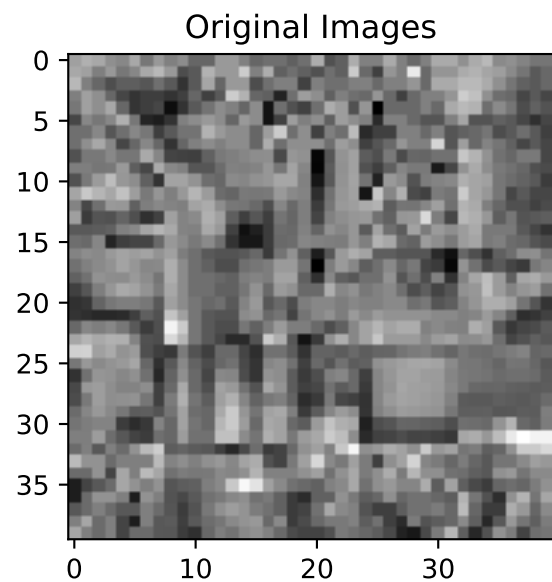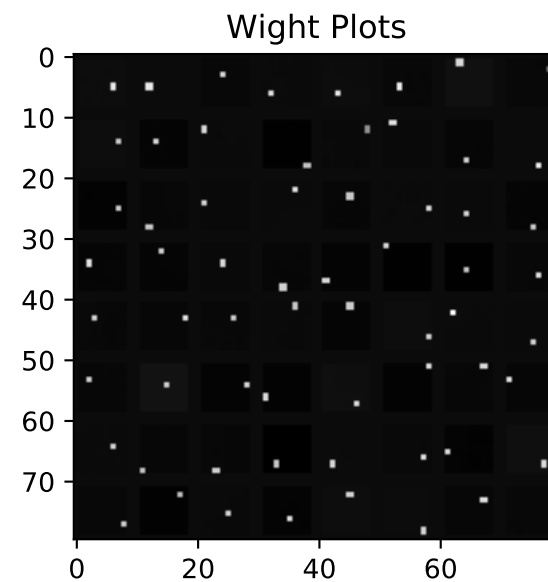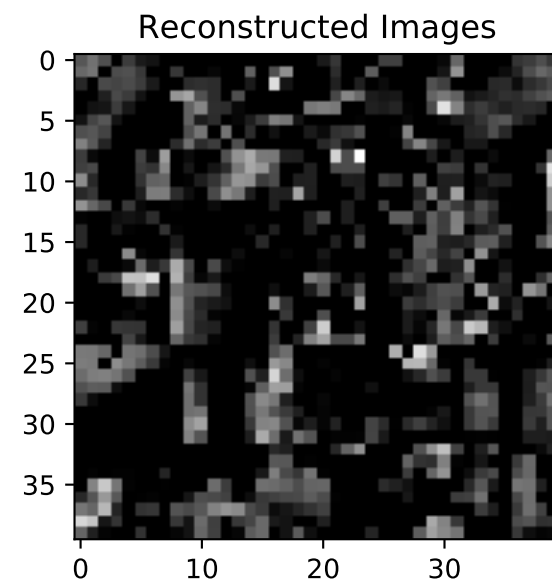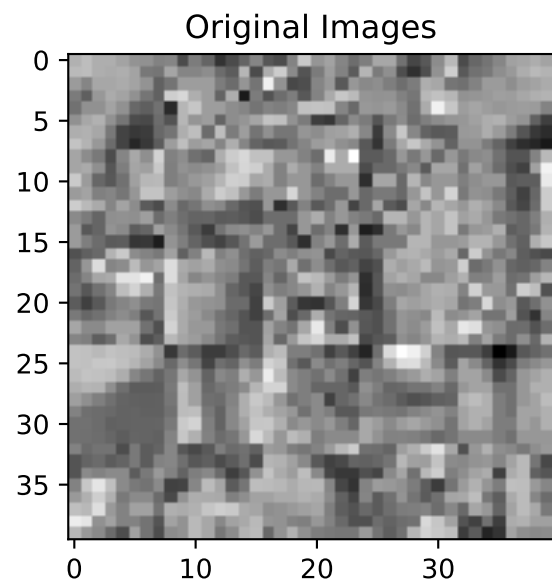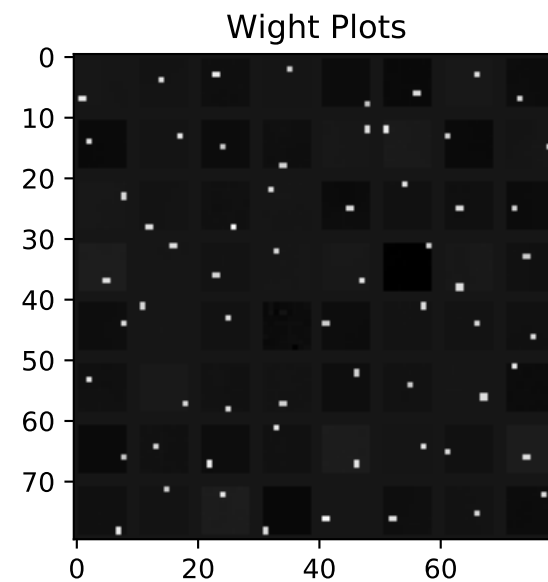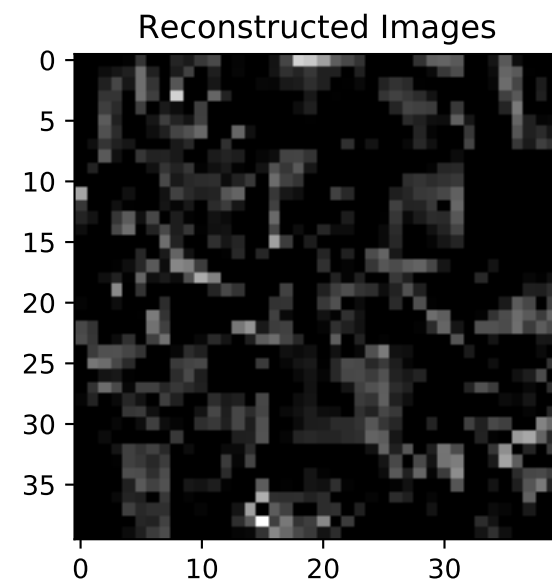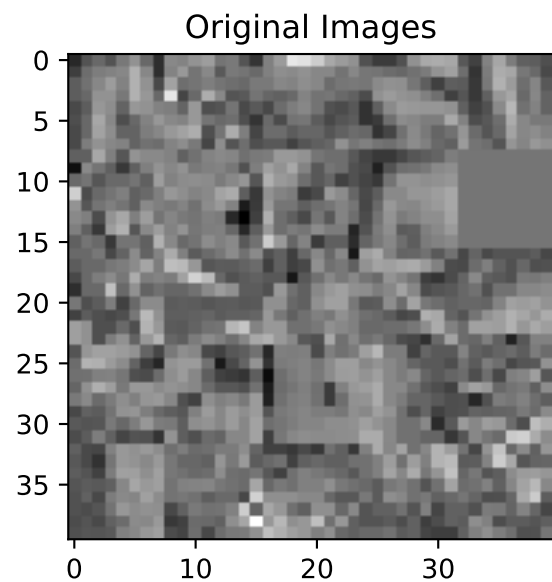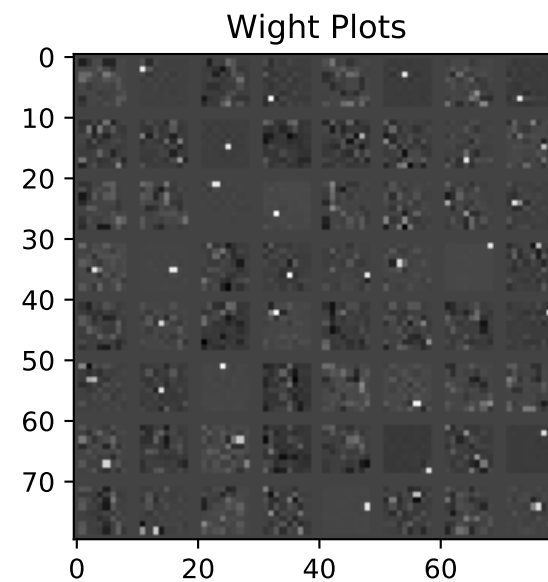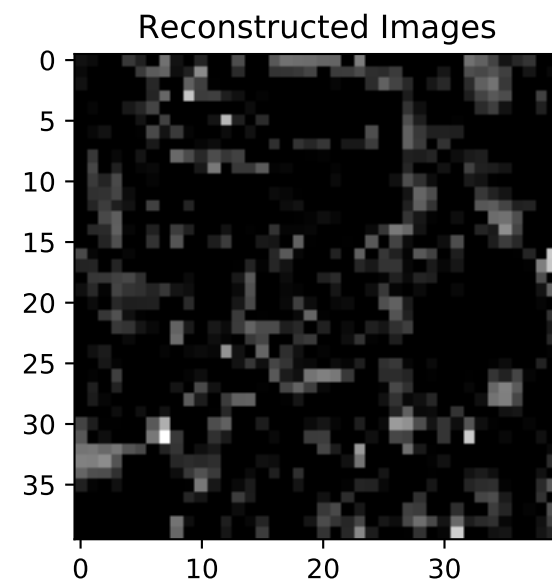beta : 0.001000
loss : 0.007888
msq : 0.007874
sparsity : 0.013271



Original Images

Reconstructed Images

Wight Plots

**Trained model : 173**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.007895**
**msq : 0.007830**
**sparsity : 0.006472**



Original Images

Reconstructed Images

Wight Plots

**Trained model : 174**

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**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 0.100000**
**loss : 0.009498**
**msq : 0.009238**
**sparsity : 0.002597**



Original Images



Reconstructed Images



Wight Plots
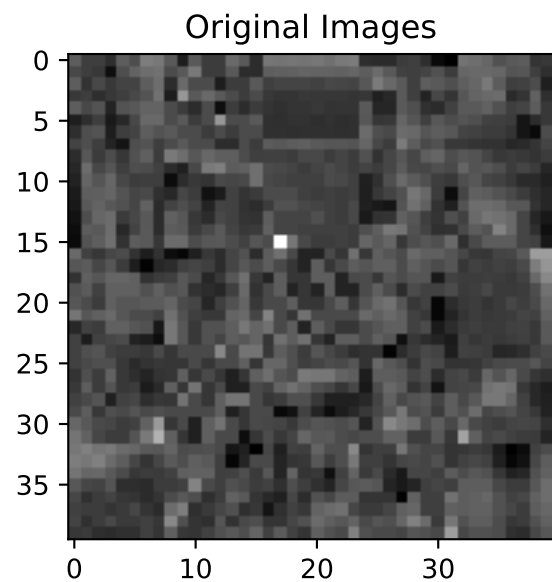
**Trained model : 175**

_____

**wscale : 0.010000**
**learn_rate : 0.005000**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.012218**
**msq : 0.011137**
**sparsity : 0.001081**

Original Images

Reconstructed Images

Wight Plots
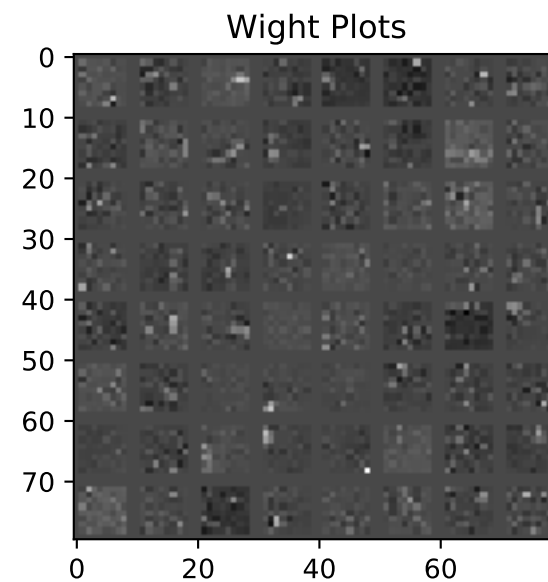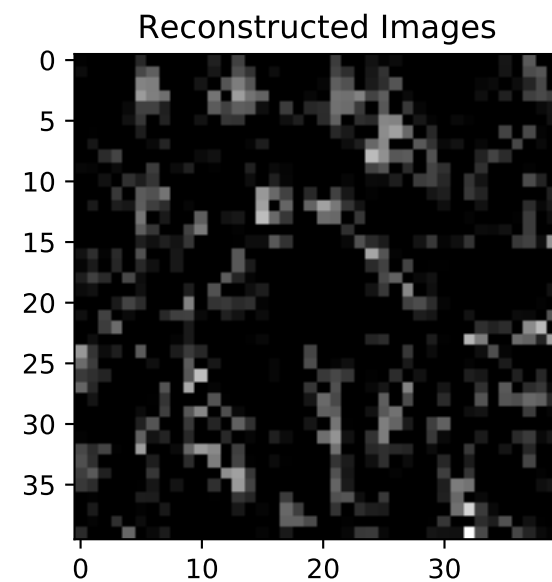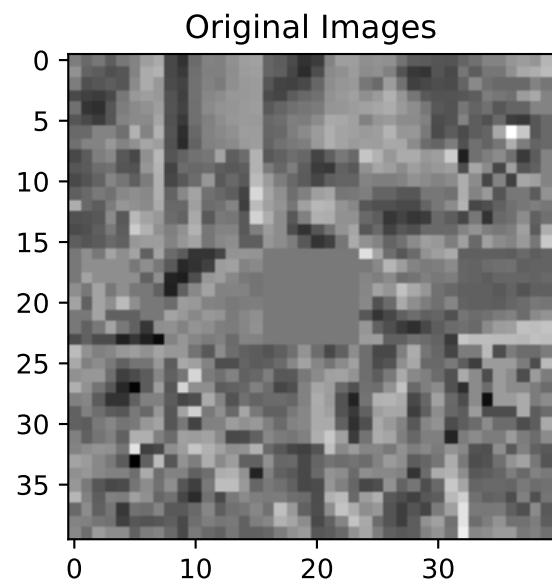
**Trained model : 176**

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**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 0.000100**
**loss : 0.008297**
**msq : 0.008293**
**sparsity : 0.040235**



Original Images



Reconstructed Images



Wight Plots
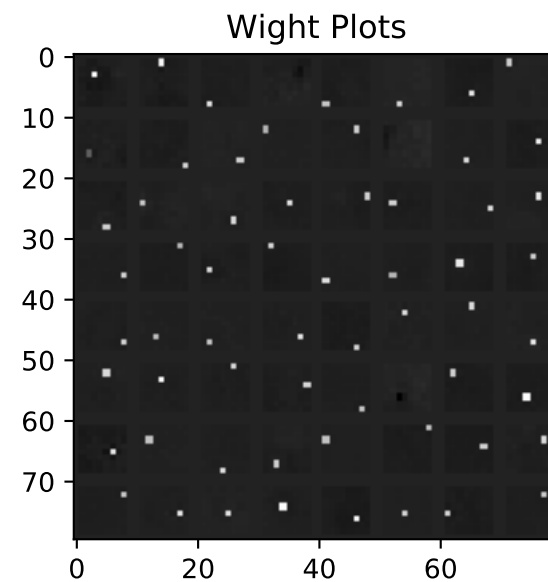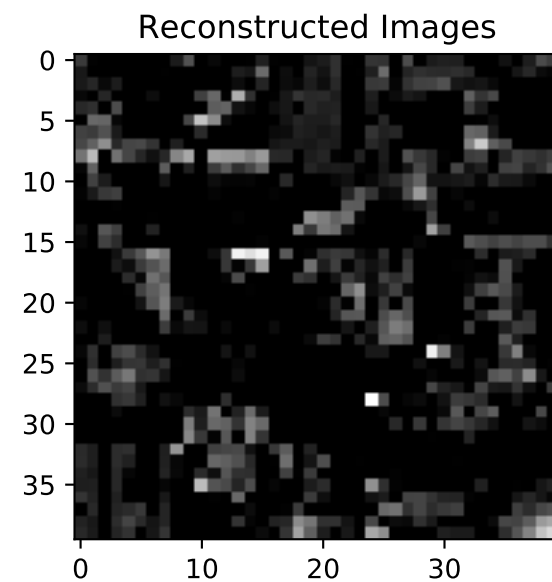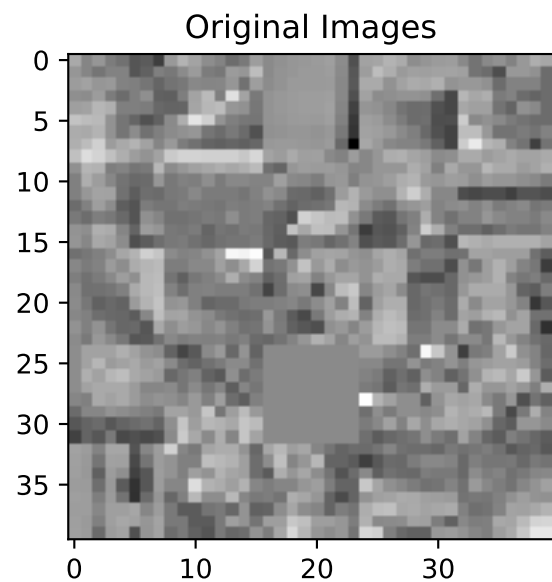
**Trained model : 177**

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**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 0.001000**
**loss : 0.008779**
**msq : 0.008749**
**sparsity : 0.030386**



Original Images



Reconstructed Images



Wight Plots
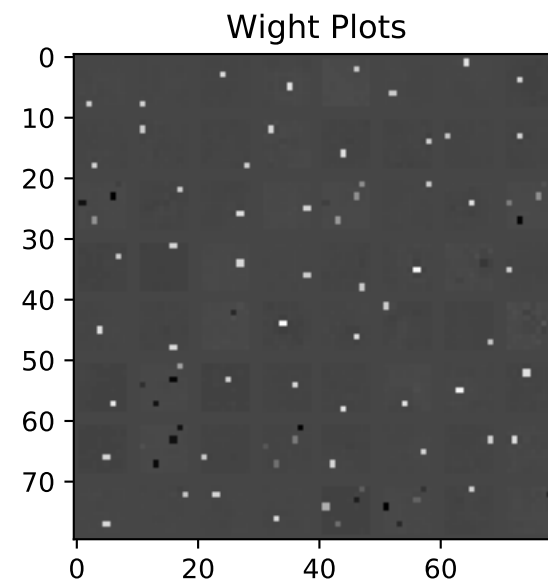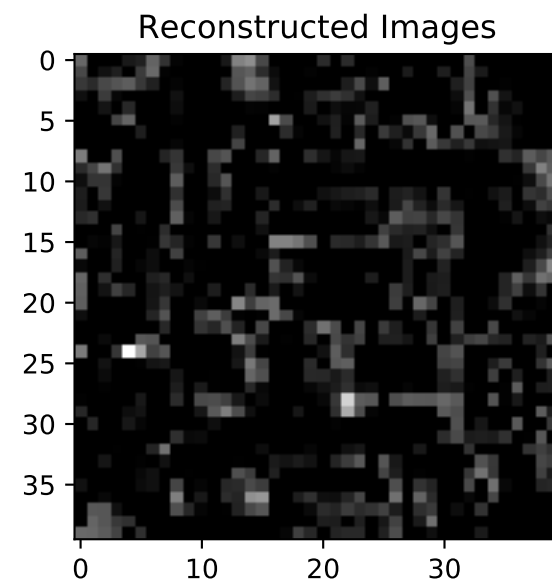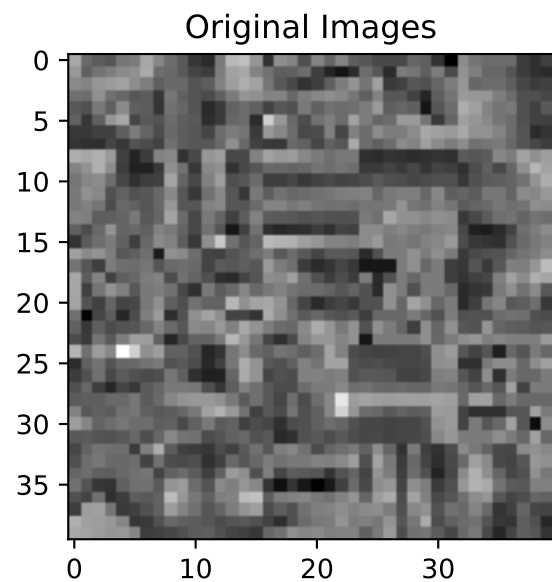
**Trained model : 178**

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**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.010846**
**msq : 0.010732**
**sparsity : 0.011418**



Original Images



Reconstructed Images



Wight Plots
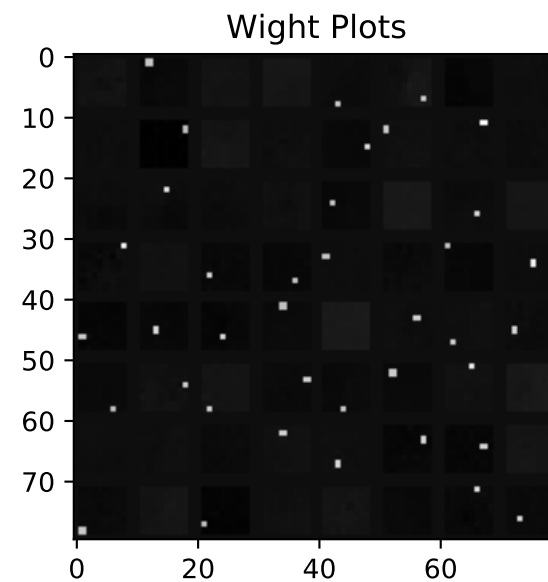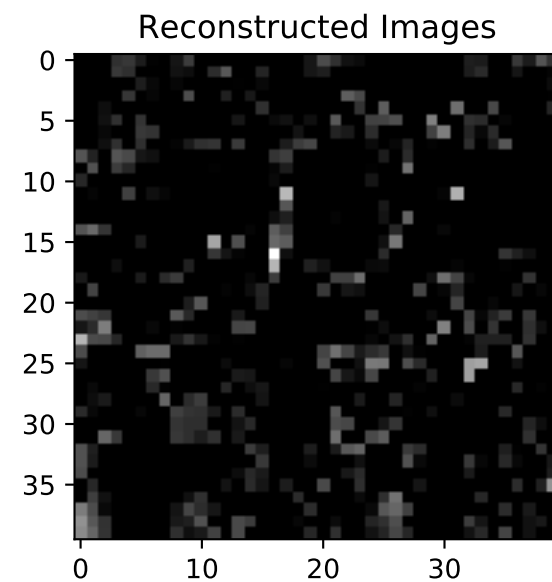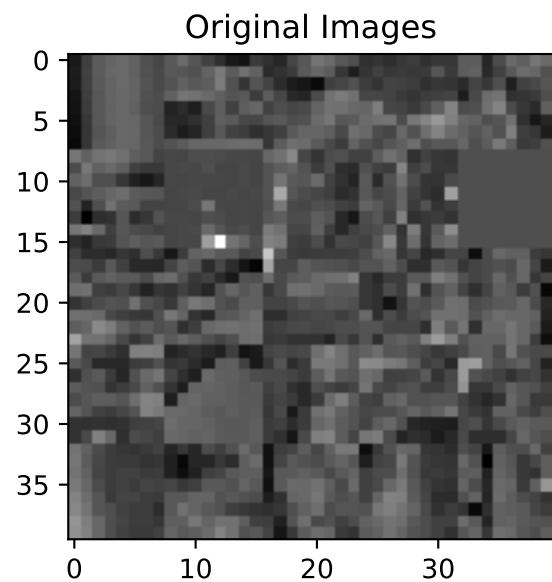
**Trained model : 179**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 0.100000**
**loss : 0.015815**
**msq : 0.015422**
**sparsity : 0.003936**



Original Images

Reconstructed Images

Wight Plots
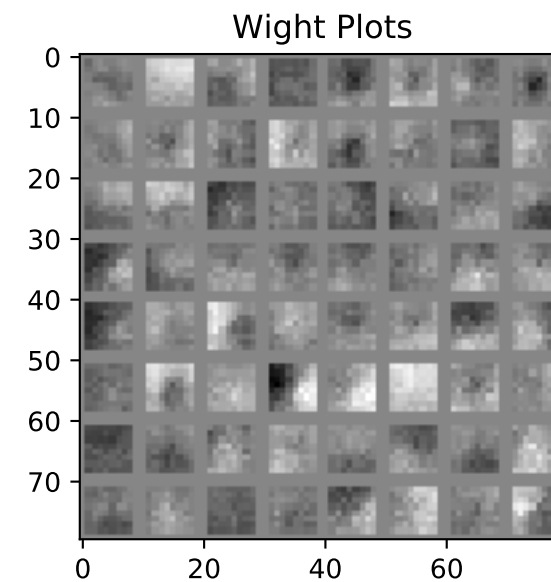
**Trained model : 180**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 1000**
**beta : 1.000000**
**loss : 0.018931**
**msq : 0.015406**
**sparsity : 0.003525**
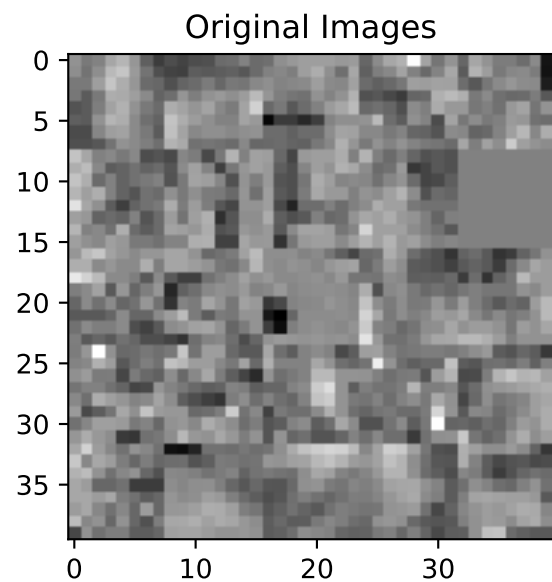


Original Images



Reconstructed Images



Wight Plots

**Trained model : 181**

wscale : 0.010000
learn_rate : 0.050000
batch size : 2000
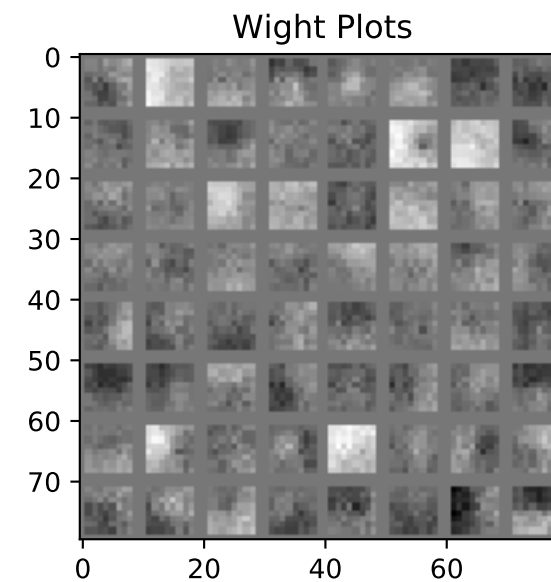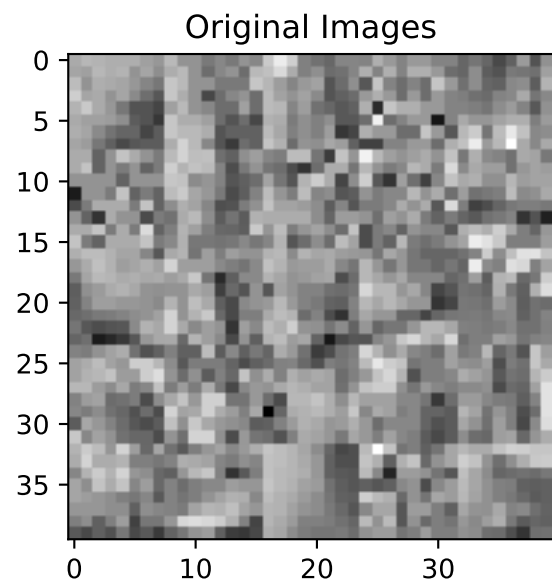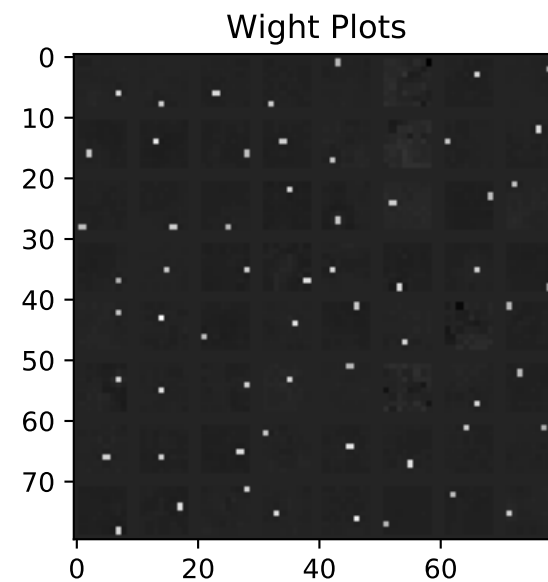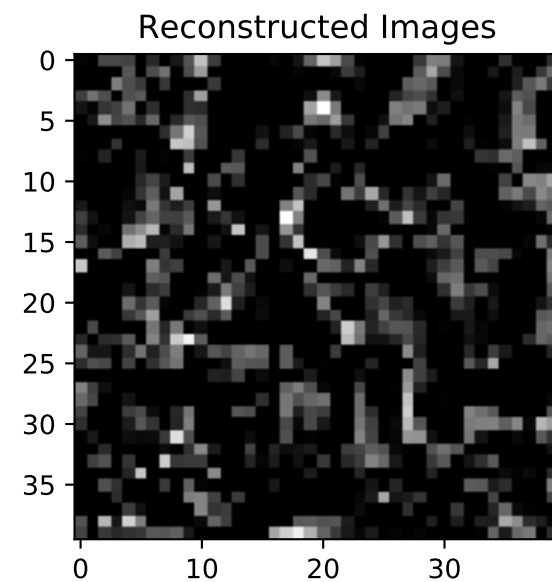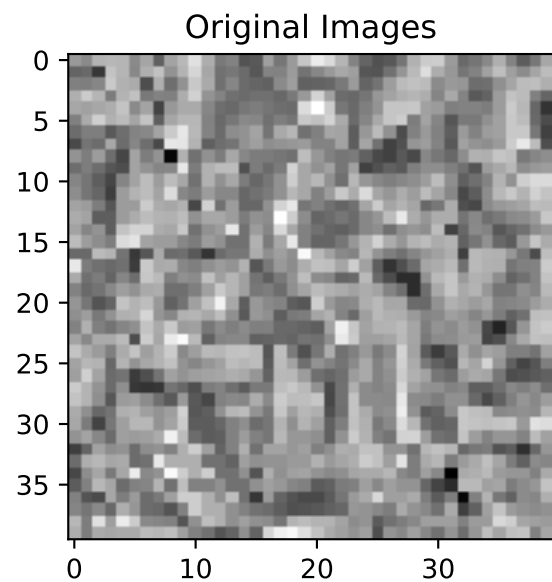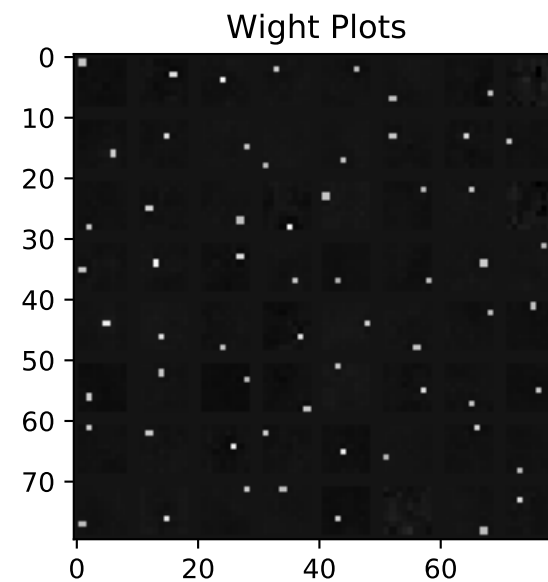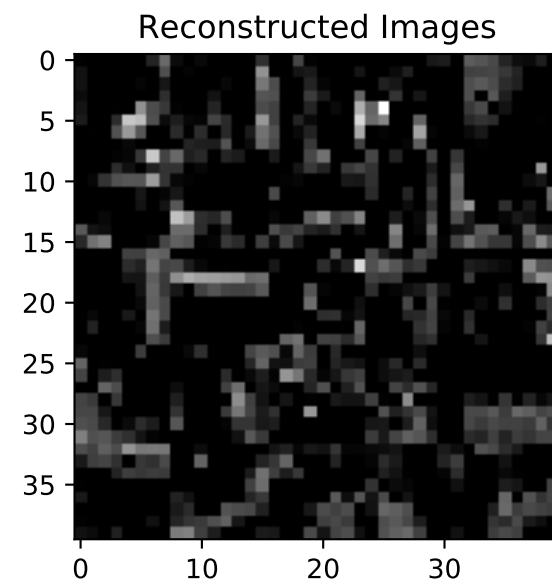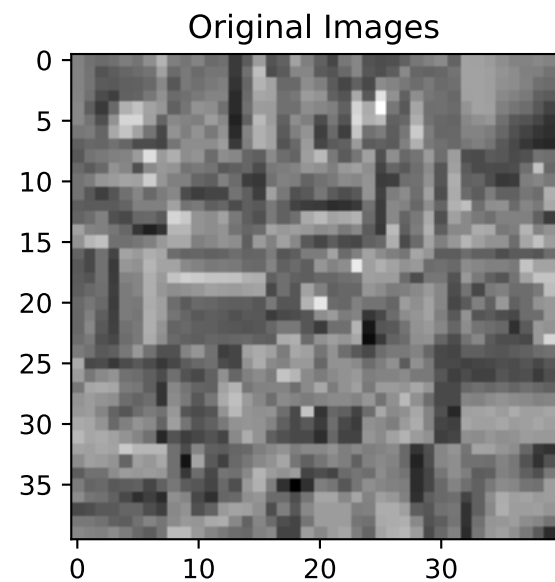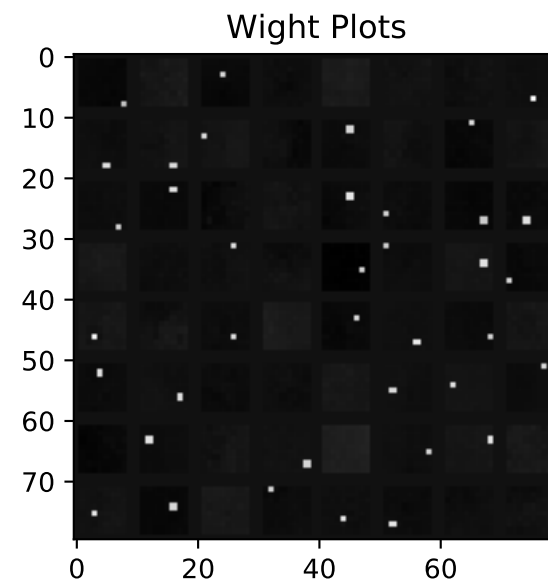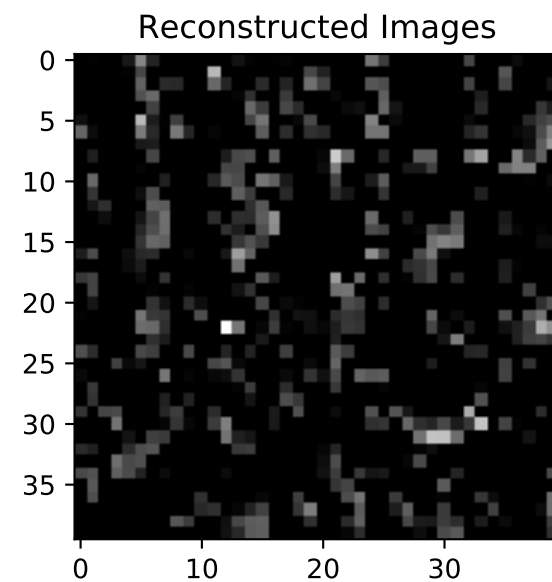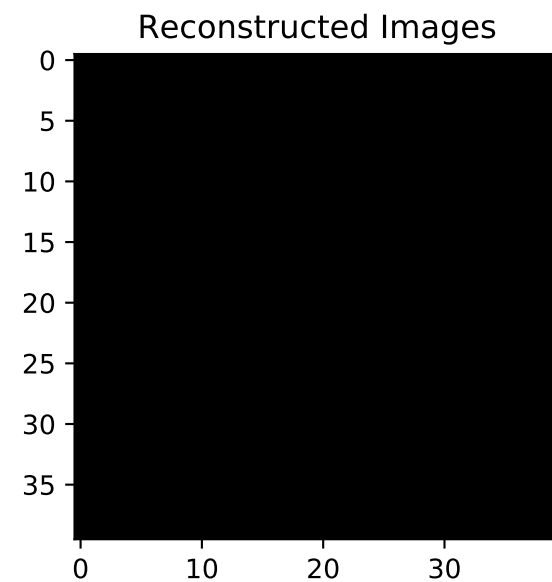beta : 0.000100
loss : 0.008327
msq : 0.008323
sparsity : 0.039754



Original Images

Reconstructed Images

Wight Plots

**Trained model : 182**

---

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.008163**
**msq : 0.008131**
**sparsity : 0.031425**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 183**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 2000**
**beta : 0.010000**
**loss : 0.010976**
**msq : 0.010867**
**sparsity : 0.010949**



Original Images

Reconstructed Images

Wight Plots
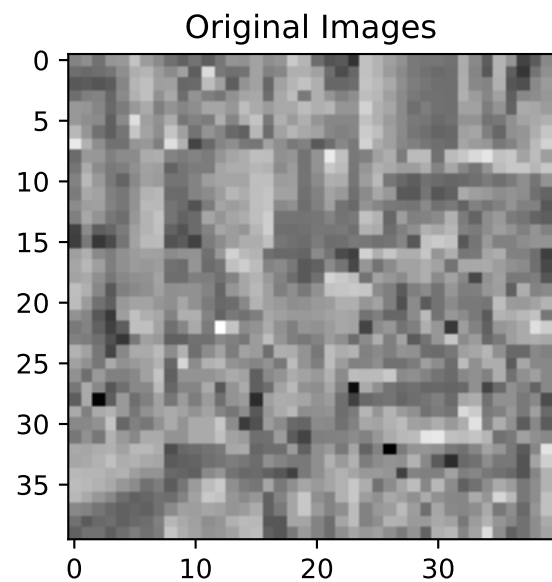
**Trained model : 184**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 2000**
**beta : 0.100000**
**loss : 0.015878**
**msq : 0.015450**
**sparsity : 0.004286**

Original Images

Reconstructed Images

Wight Plots
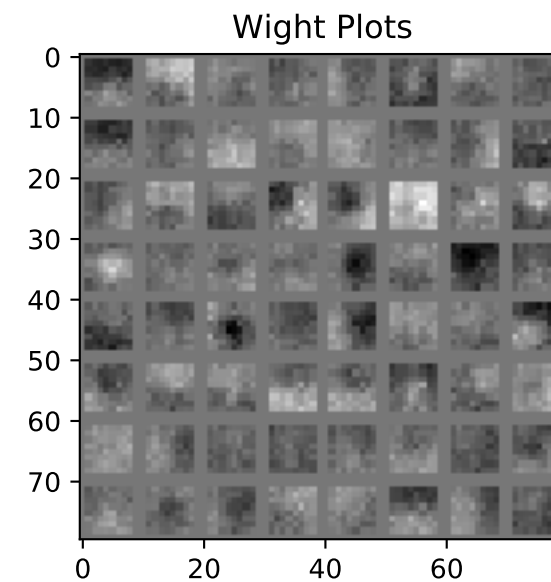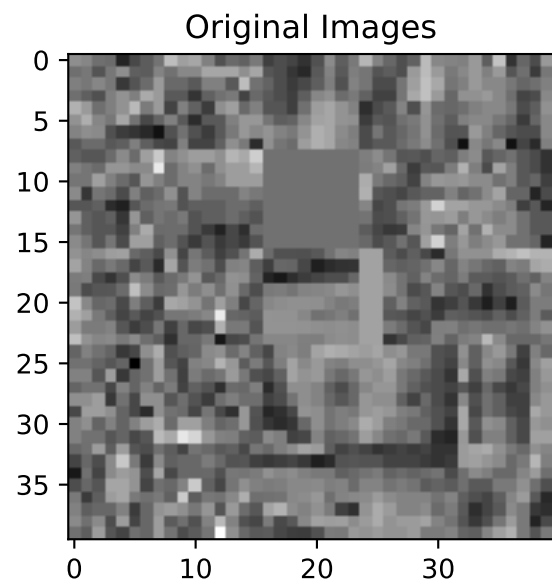
**Trained model : 185**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 2000**
**beta : 1.000000**
**loss : 0.019092**
**msq : 0.015412**
**sparsity : 0.003680**



Original Images



Reconstructed Images



Wight Plots
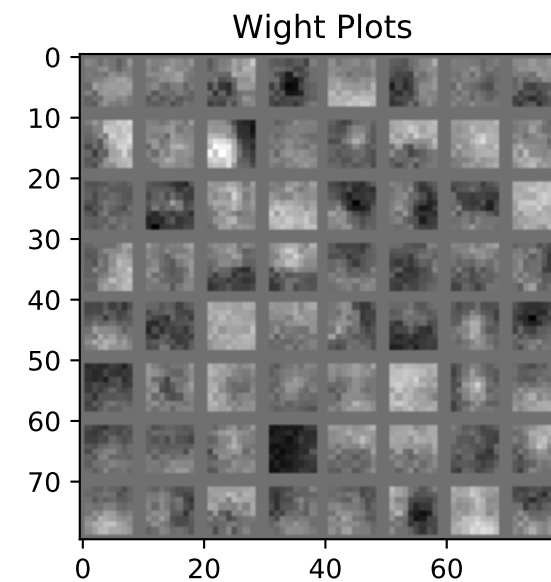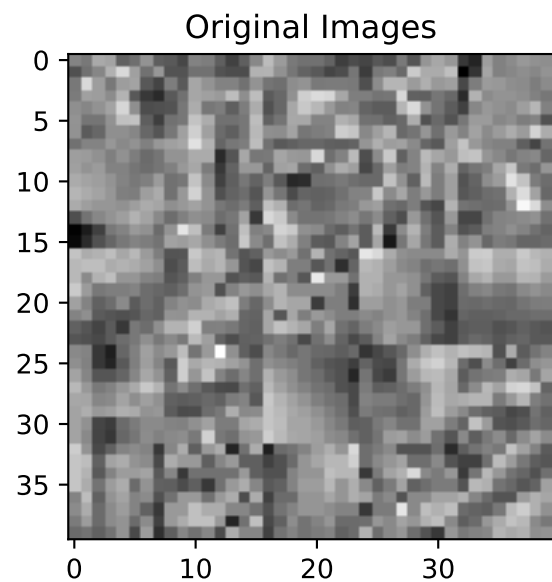
**Trained model : 186**

---

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 0.000100**
**loss : 0.008459**
**msq : 0.008455**
**sparsity : 0.038257**



Original Images



Reconstructed Images



Wight Plots
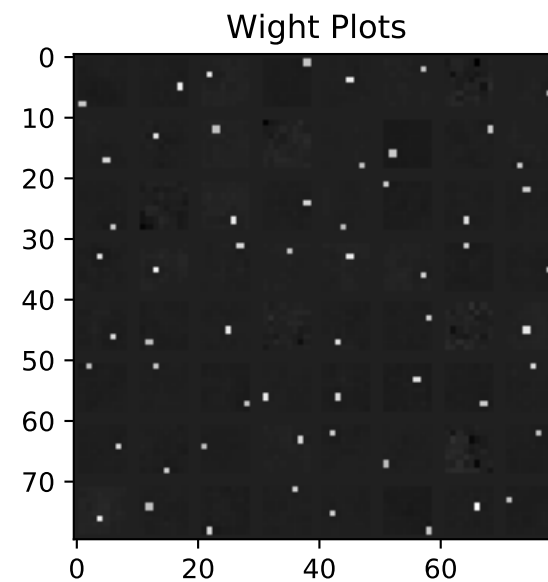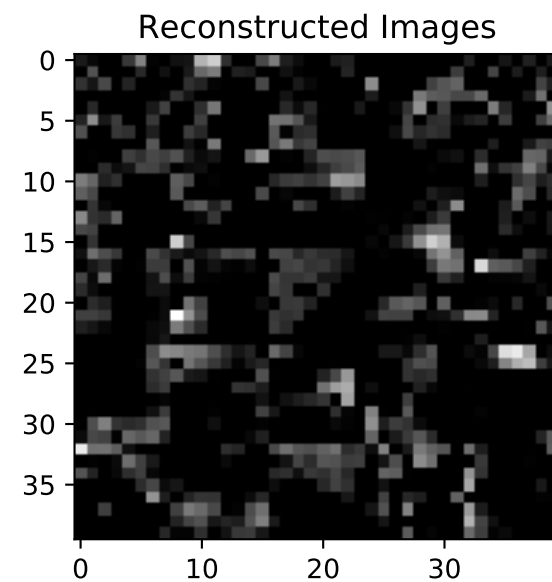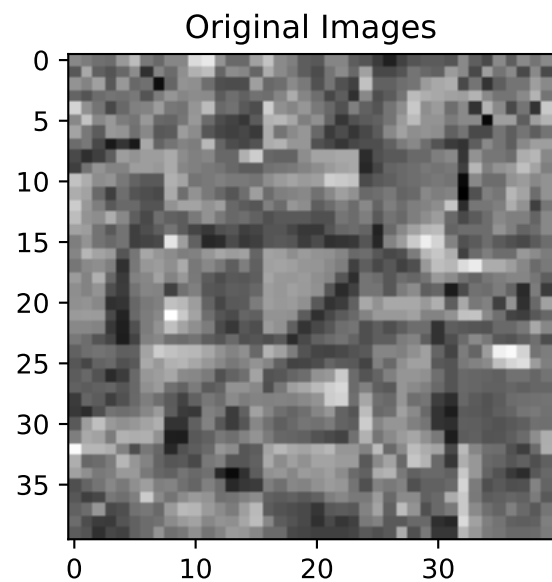
**Trained model : 187**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 0.001000**
**loss : 0.008097**
**msq : 0.008066**
**sparsity : 0.031349**



Original Images



Reconstructed Images



Wight Plots
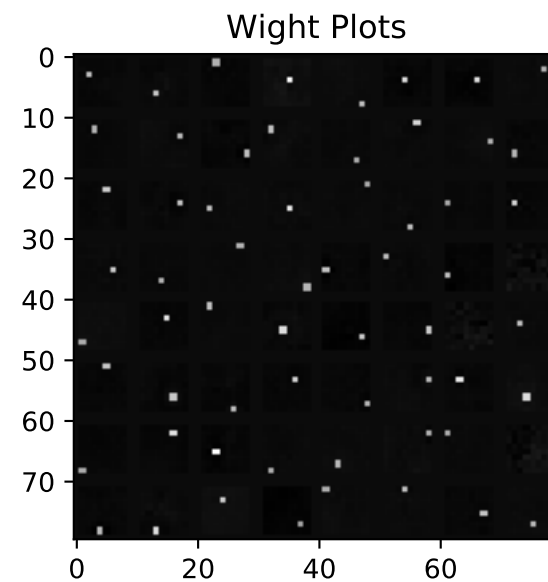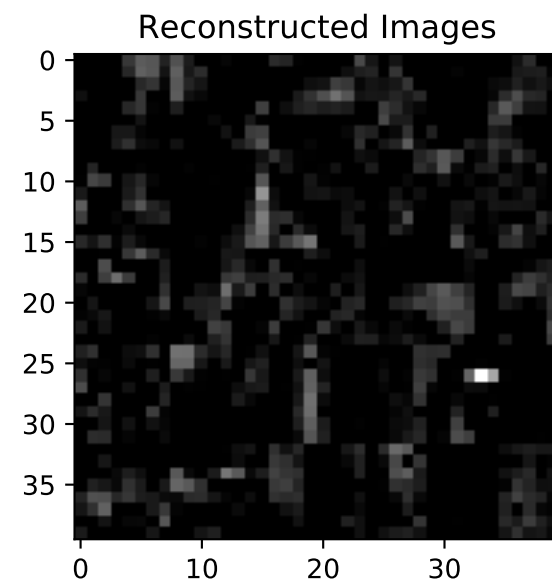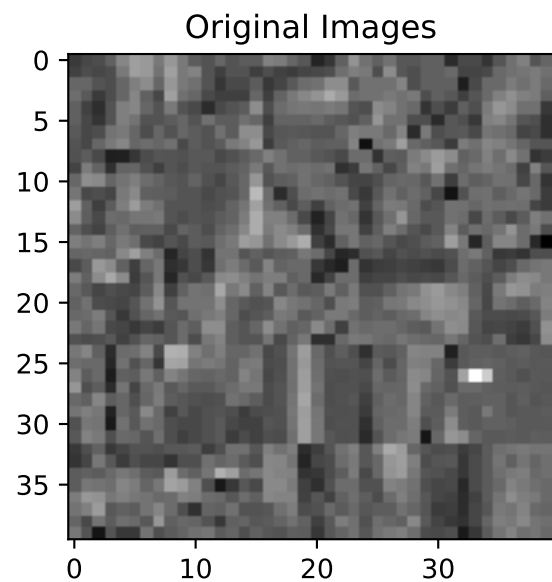
**Trained model : 188**

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**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.014230**
**msq : 0.014169**
**sparsity : 0.006085**



Original Images



Reconstructed Images



Wight Plots
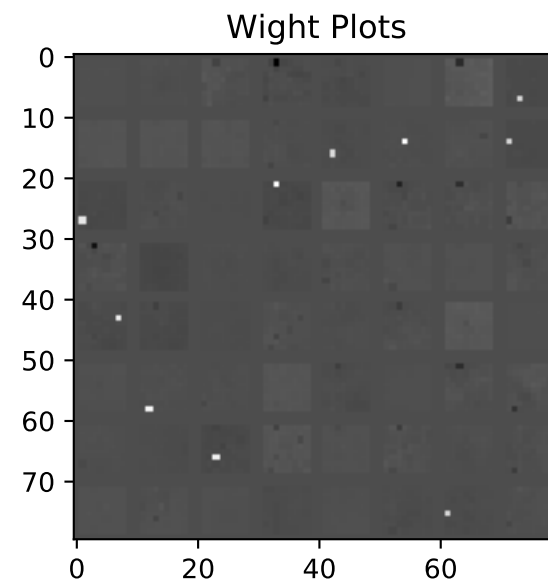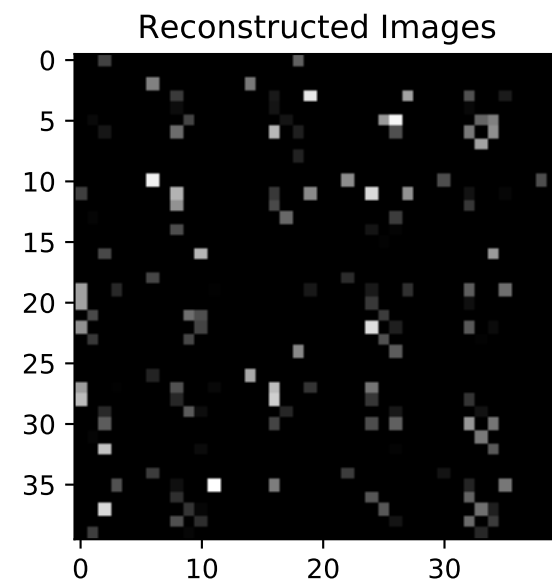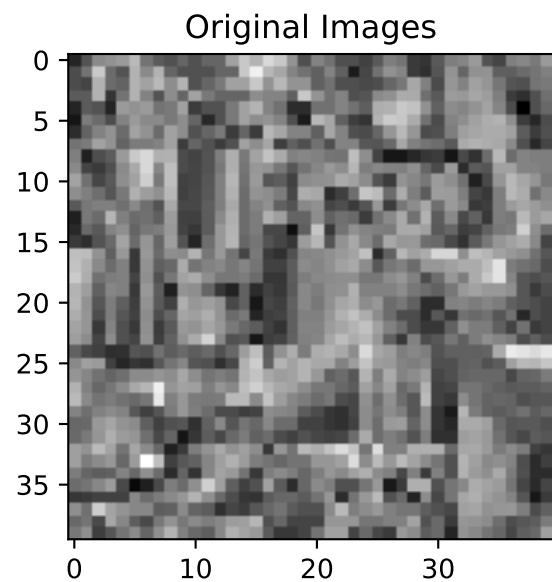
**Trained model : 189**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 0.100000**
**loss : 0.015586**
**msq : 0.015204**
**sparsity : 0.003826**



Original Images



Reconstructed Images



Wight Plots
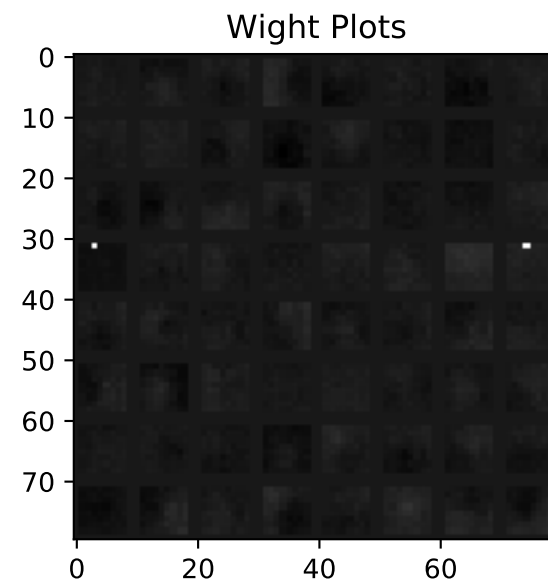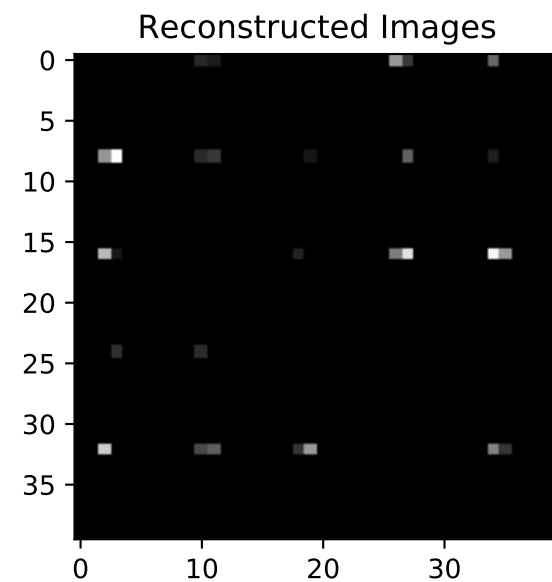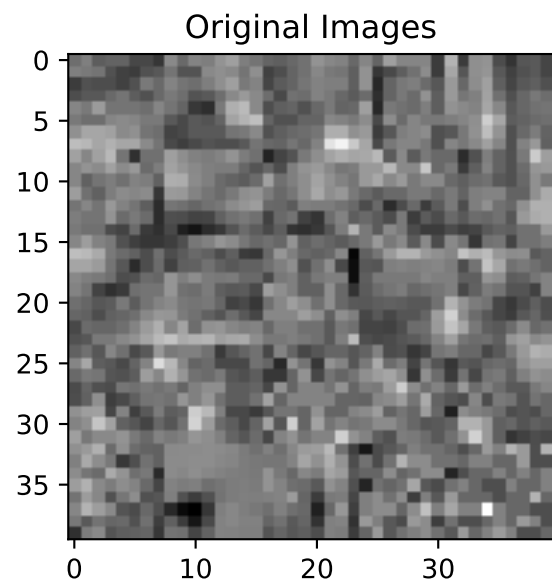
**Trained model : 190**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 3000**
**beta : 1.000000**
**loss : 0.019133**
**msq : 0.015462**
**sparsity : 0.003671**

Original Images

Reconstructed Images

Wight Plots
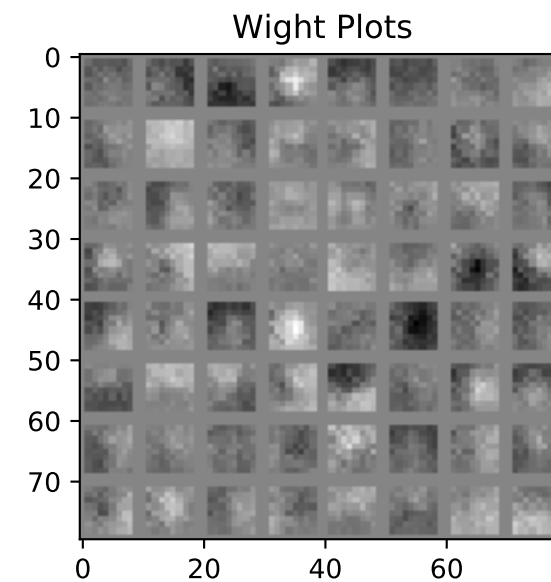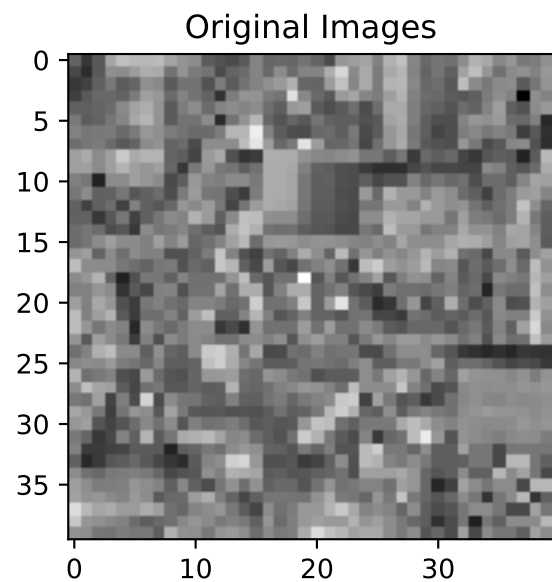
**Trained model : 191**

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**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 0.000100**
**loss : 0.008048**
**msq : 0.008045**
**sparsity : 0.038762**



Original Images



Reconstructed Images



Wight Plots
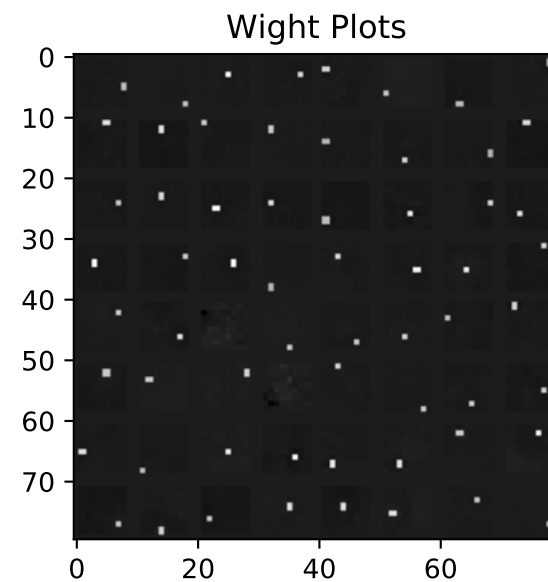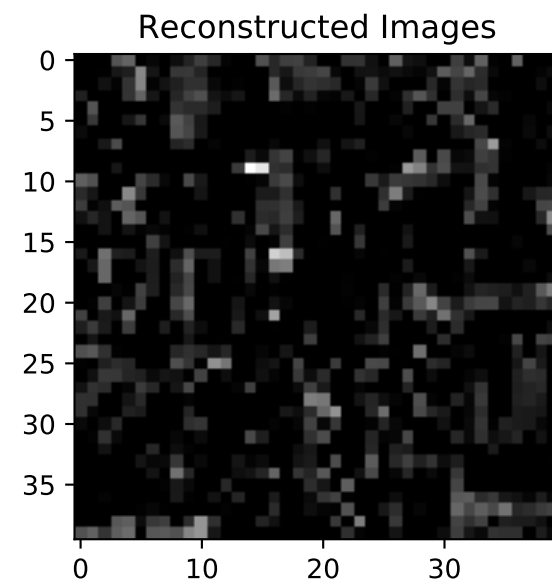
**Trained model : 192**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 0.001000**
**loss : 0.008272**
**msq : 0.008243**
**sparsity : 0.029663**


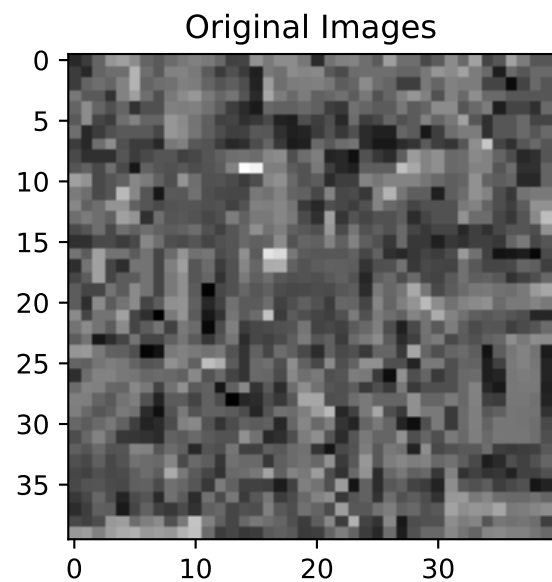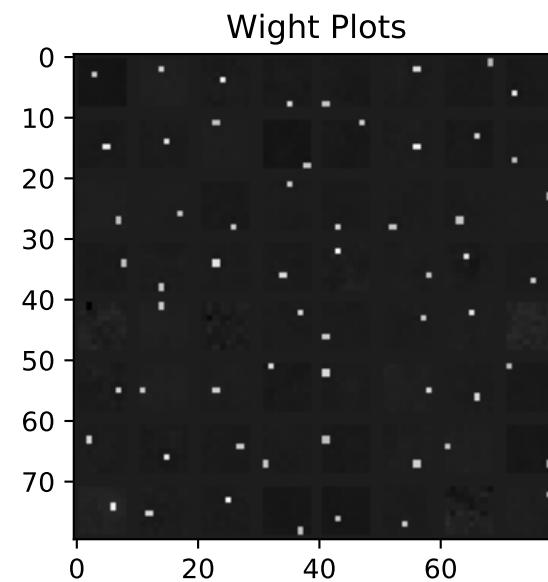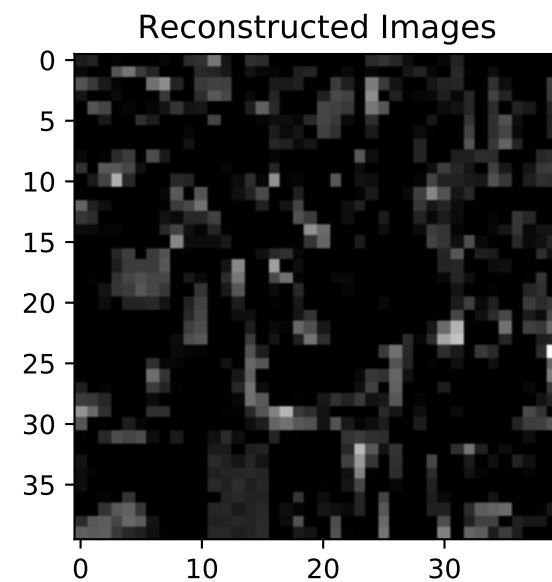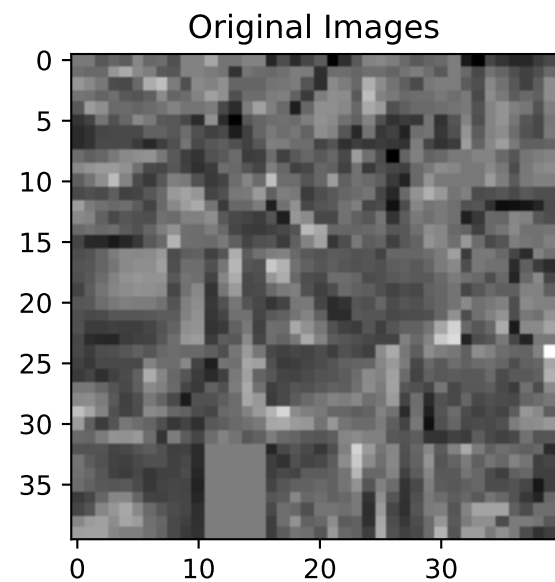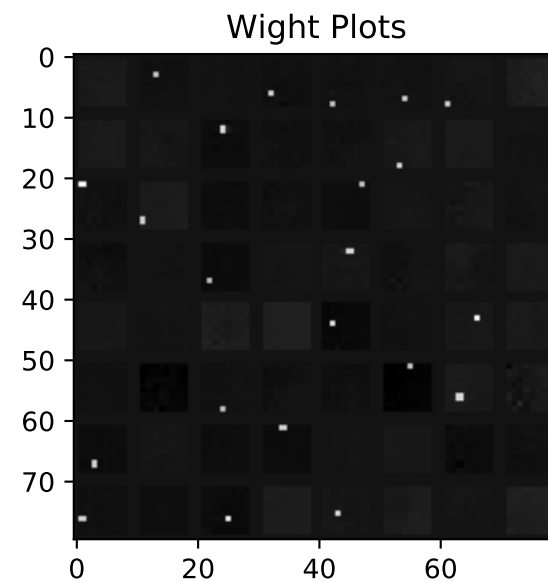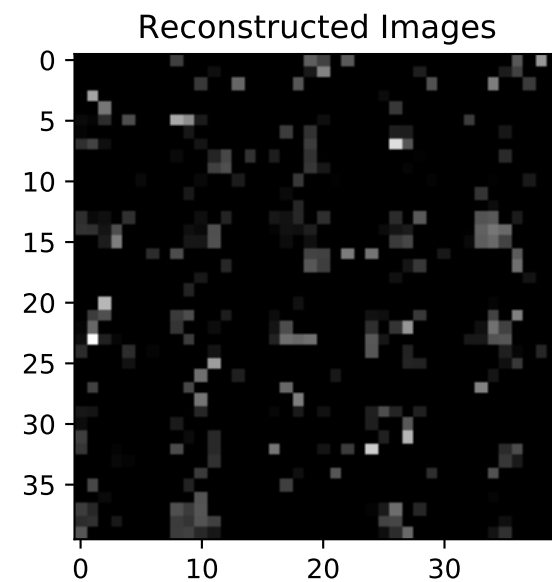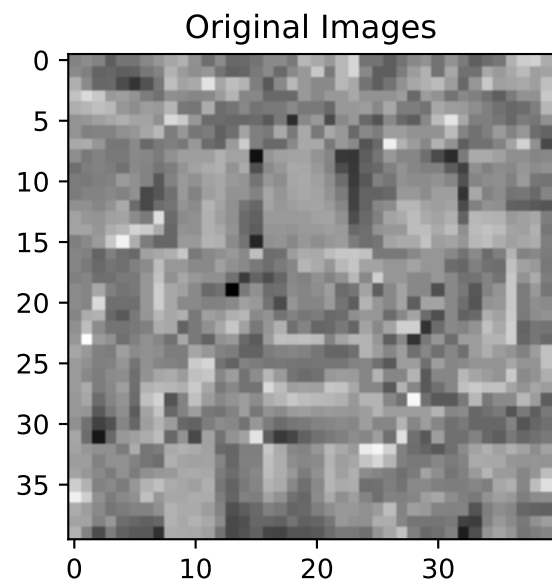
Original Images

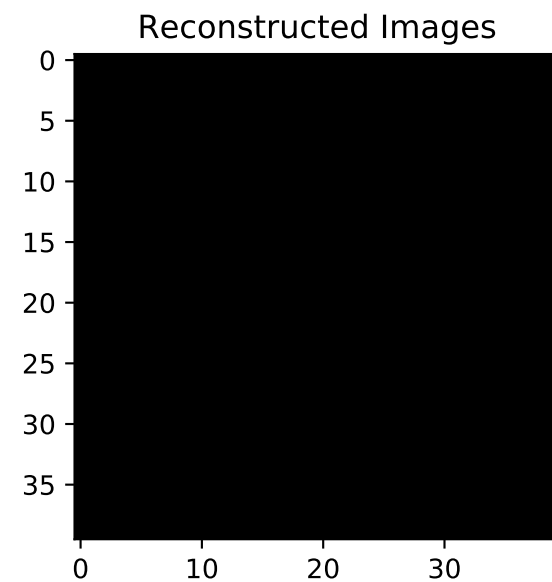

Reconstructed Images



Wight Plots

**Trained model : 193**

wscale : 0.010000
learn_rate : 0.050000
batch size : 4000
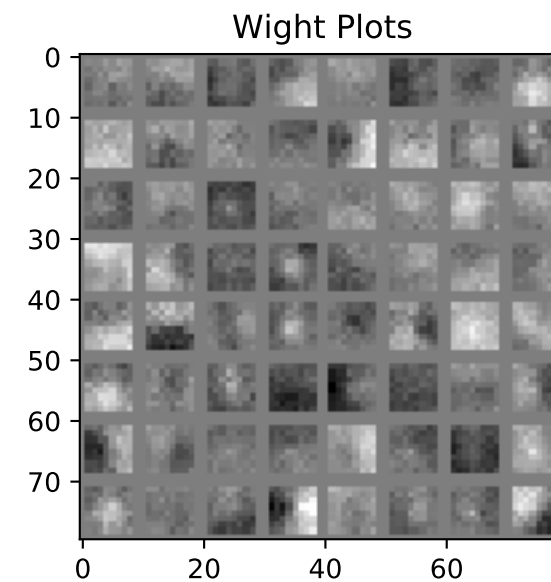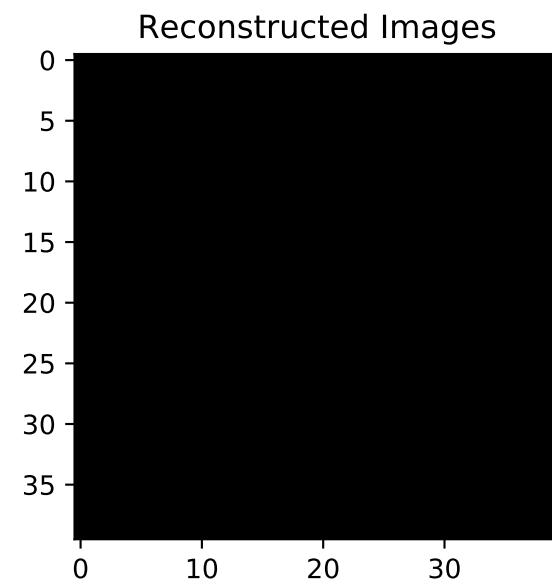beta : 0.010000
loss : 0.012788
msq : 0.012712
sparsity : 0.007587



Original Images

Reconstructed Images

Wight Plots

**Trained model : 194**
_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 0.100000**
**loss : 0.015673**
**msq : 0.015365**
**sparsity : 0.003074**



Original Images



Reconstructed Images



Wight Plots
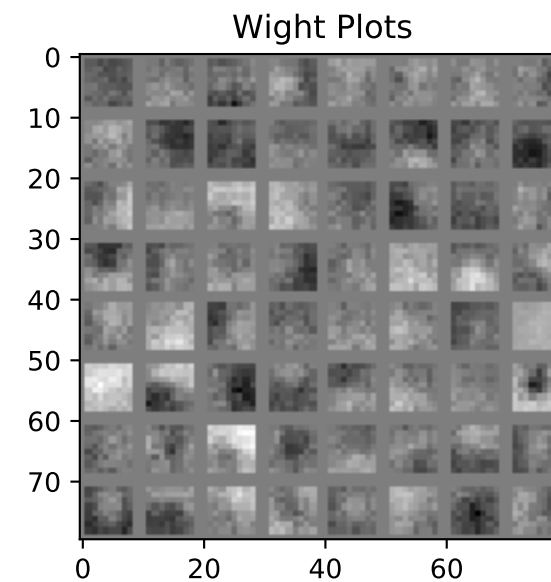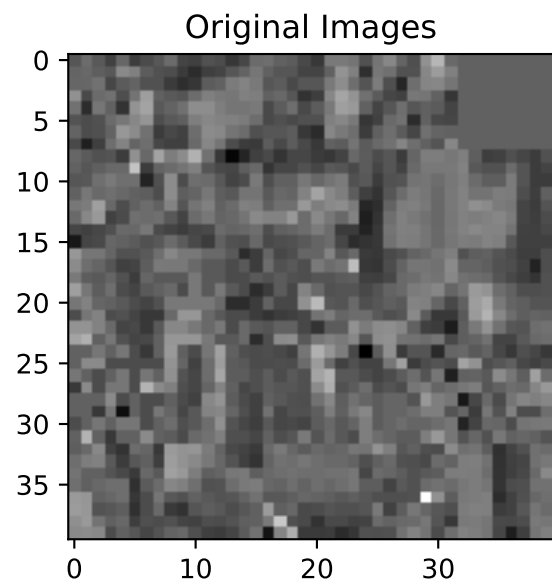
**Trained model : 195**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 4000**
**beta : 1.000000**
**loss : 0.019214**
**msq : 0.015381**
**sparsity : 0.003833**



Original Images
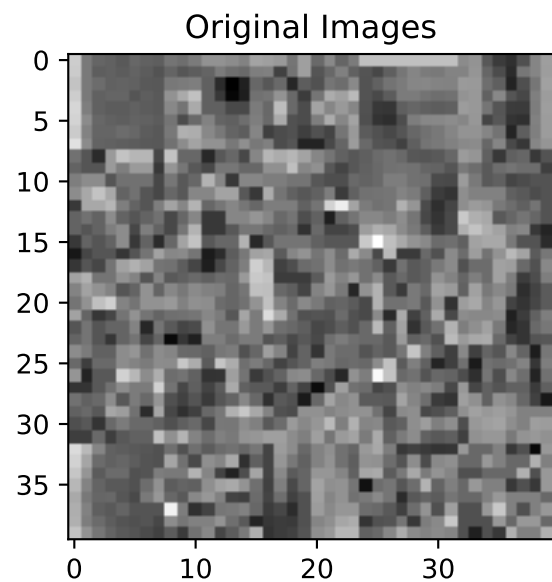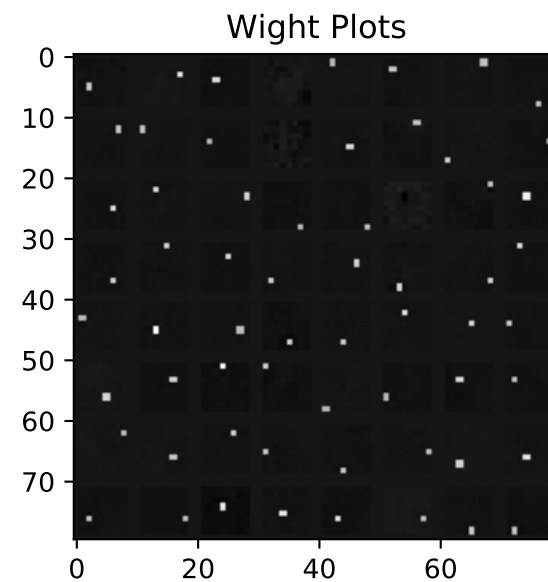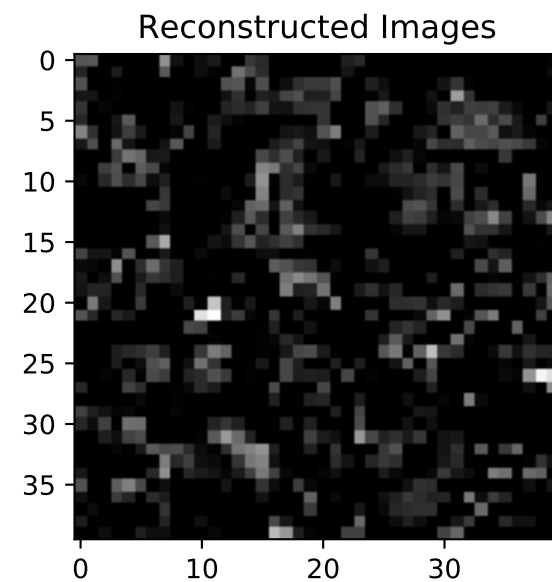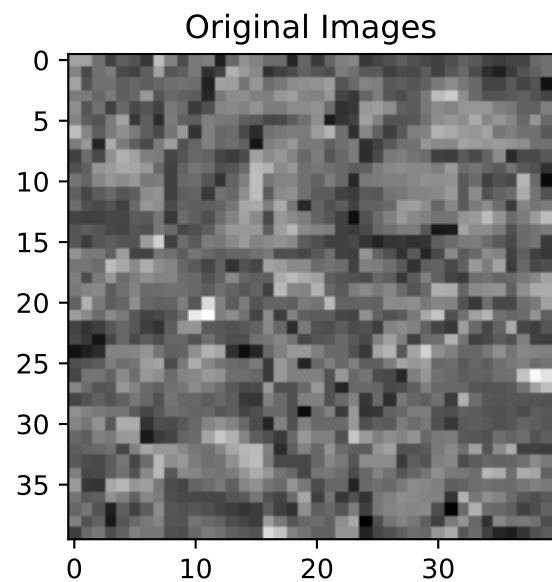


Reconstructed Images



Wight Plots

**Trained model : 196**

wscale : 0.010000
learn_rate : 0.050000
batch size : 5000
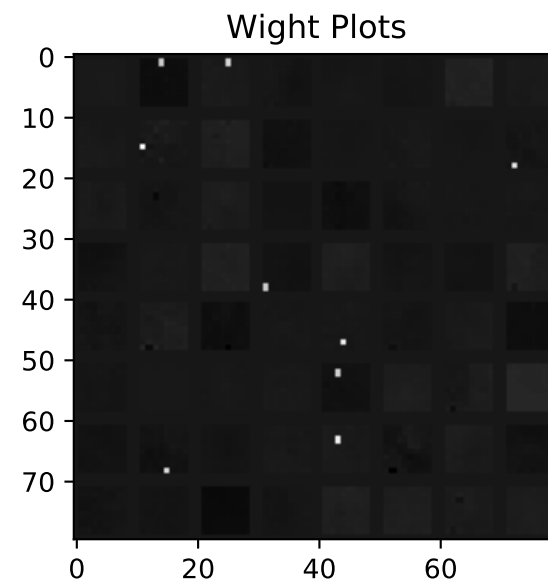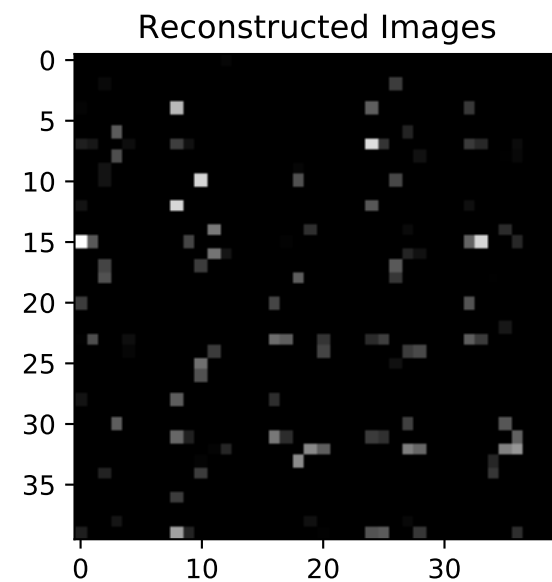beta : 0.000100
loss : 0.008066
msq : 0.008062
sparsity : 0.038084



Original Images



Reconstructed Images



Wight Plots

**Trained model : 197**

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**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.014387**
**msq : 0.014172**
**sparsity : 0.214996**



Original Images



Reconstructed Images



Wight Plots
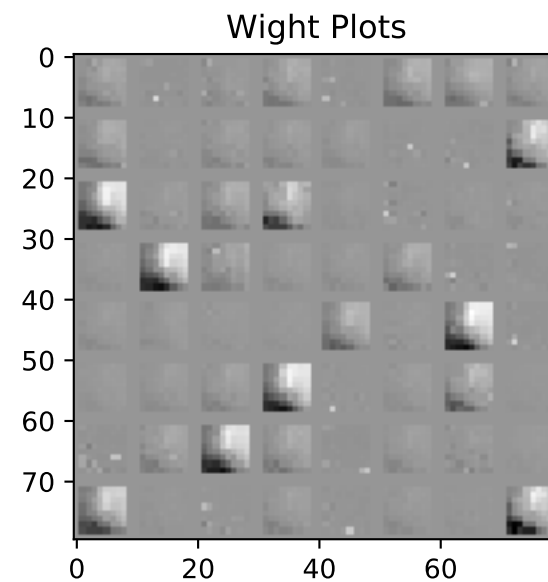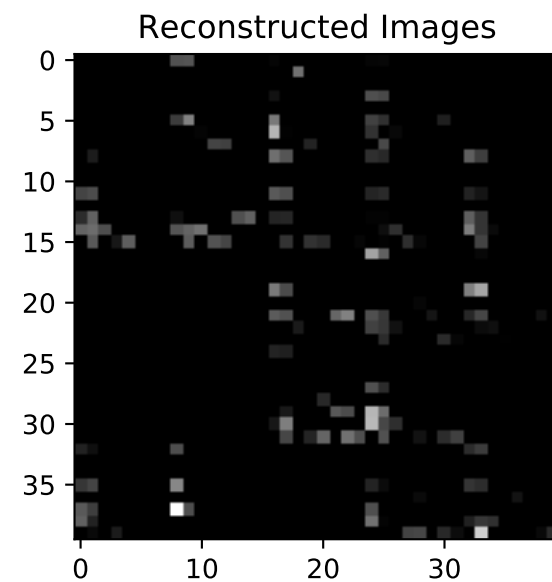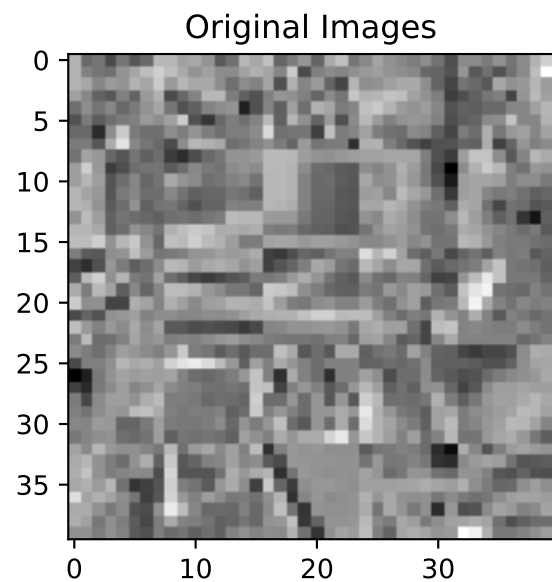
**Trained model : 198**
_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.014303**
**msq : 0.014262**
**sparsity : 0.004141**



Original Images



Reconstructed Images



Wight Plots
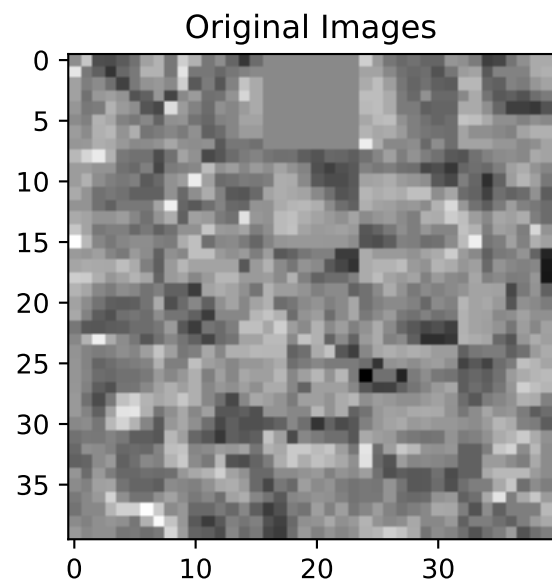
**Trained model : 199**

_____

**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 5000**
**beta : 0.100000**
**loss : 0.015824**
**msq : 0.015431**
**sparsity : 0.003931**



Original Images



Reconstructed Images



Wight Plots
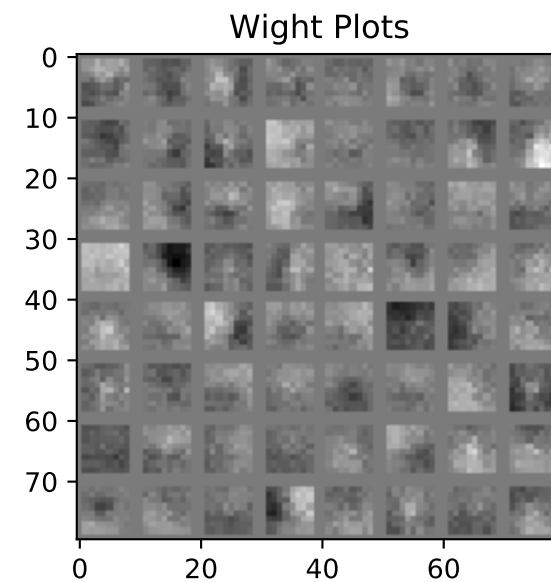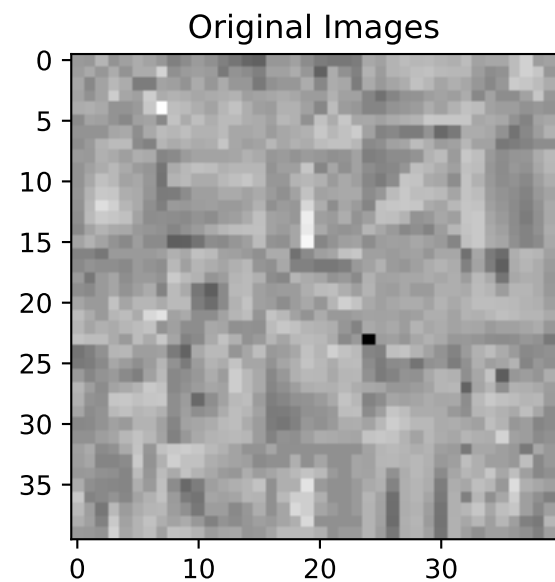
**Trained model : 200**

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**wscale : 0.010000**
**learn_rate : 0.050000**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.018808**
**msq : 0.015406**
**sparsity : 0.003402**



Original Images



Reconstructed Images
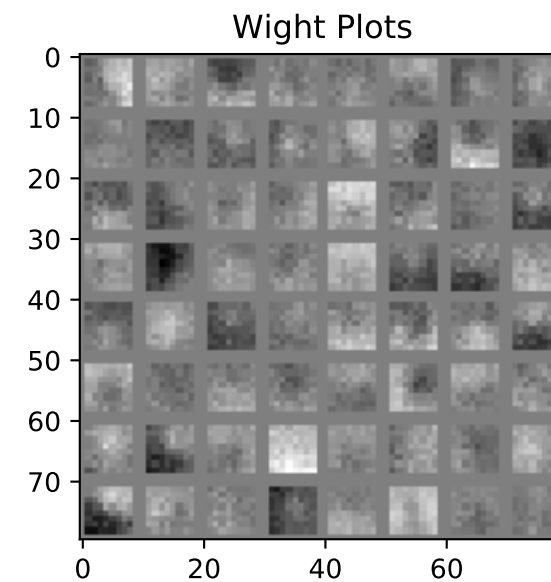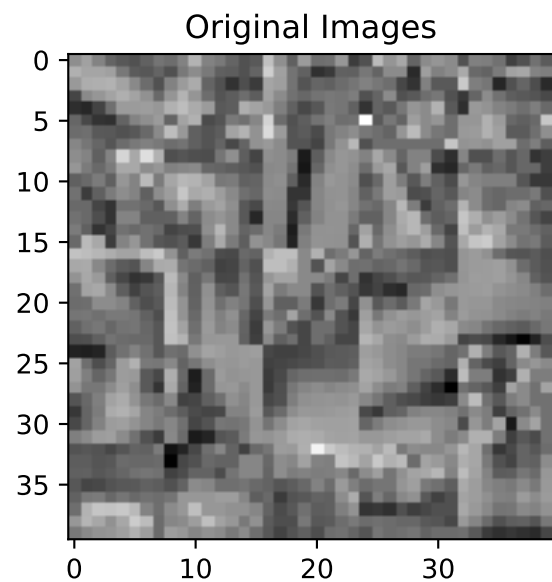


Wight Plots

**Trained model : 201**

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**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 0.000100**
**loss : 0.015634**
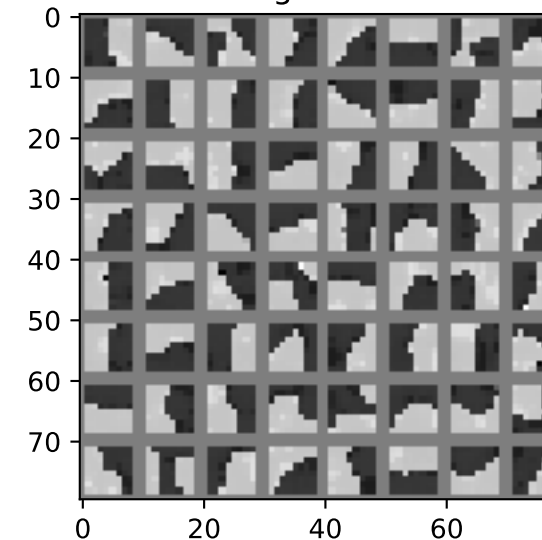**msq : 0.015387**
**sparsity : 2.465942**
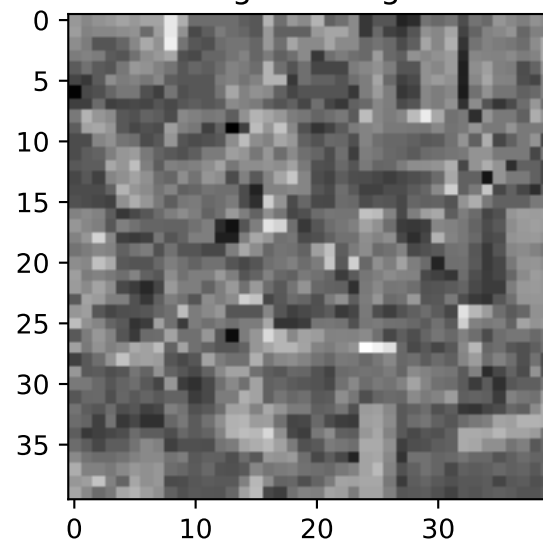


Original Images
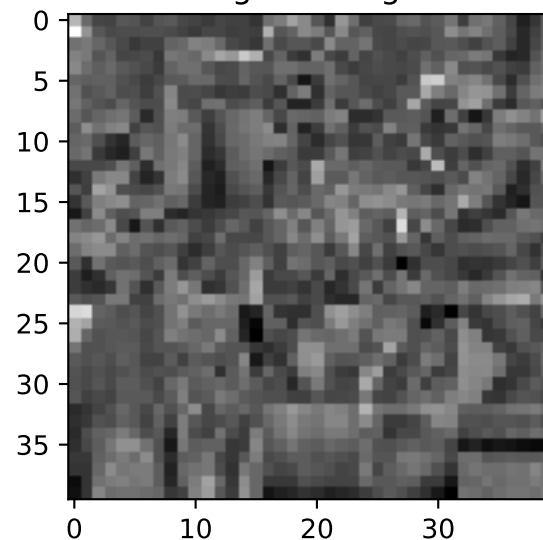
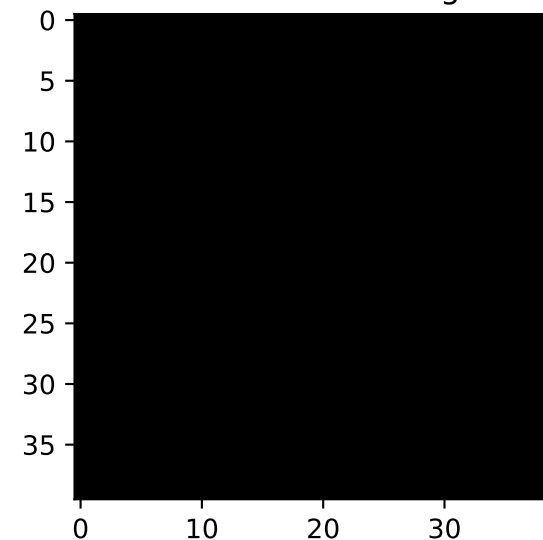

Reconstructed Images



Wight Plots

**Trained model : 202**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 0.001000**
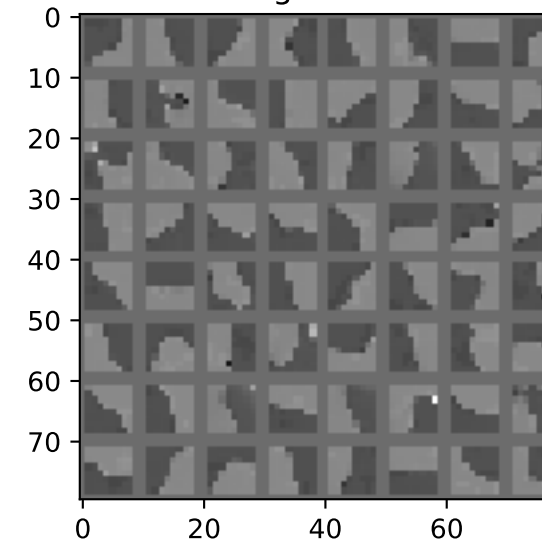**loss : 0.017579**
**msq : 0.015415**
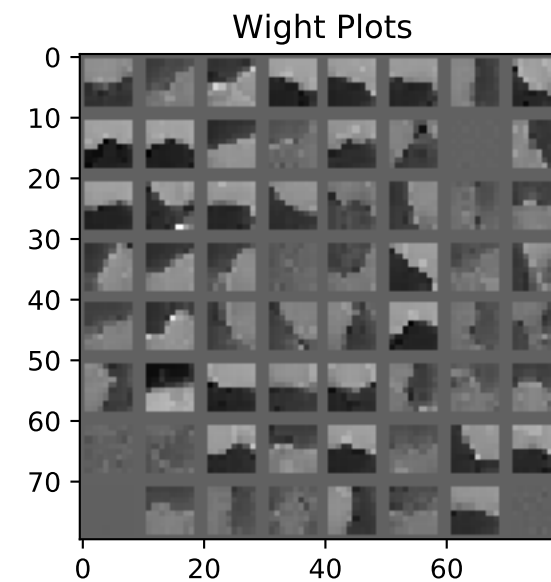**sparsity : 2.163433**
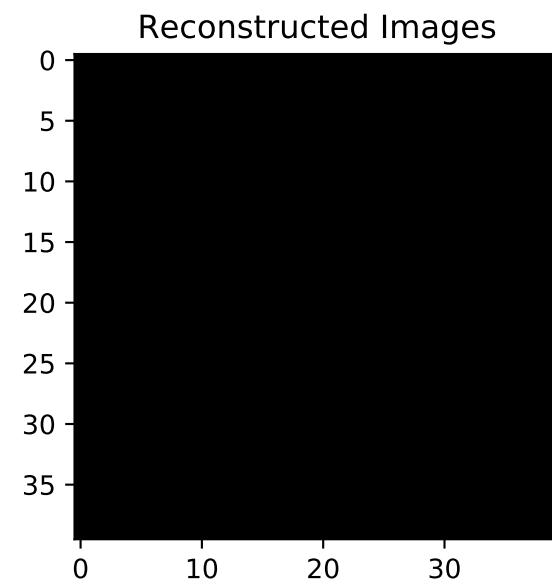


Original Images



Reconstructed Images
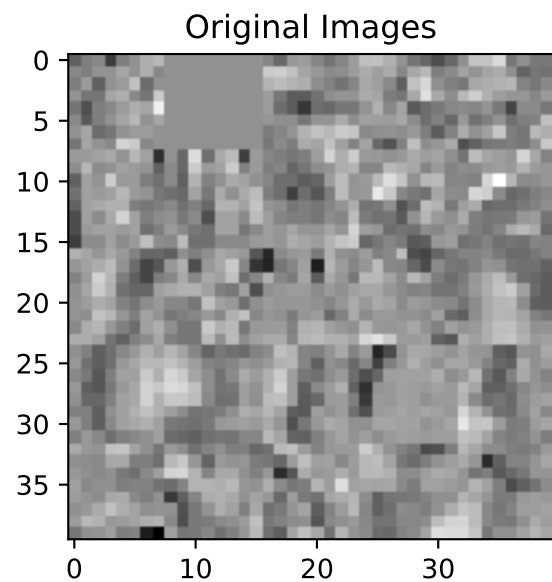


Wight Plots

**Trained model : 203**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 0.010000**
**loss : 0.024430**
**msq : 0.015412**
**sparsity : 0.901774**



Original Images
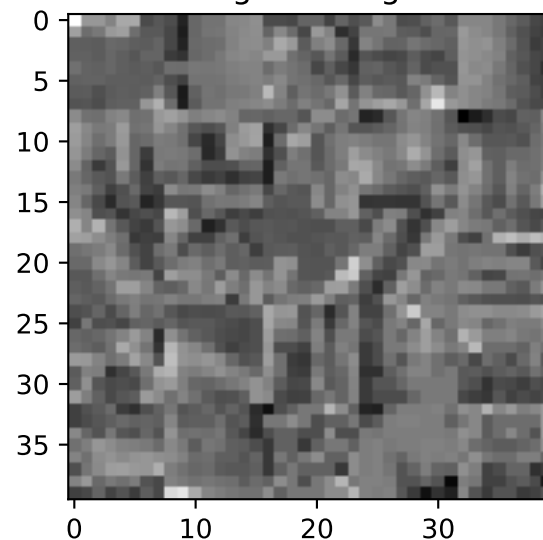


Reconstructed Images



Wight Plots

**Trained model : 204**

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**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 0.100000**
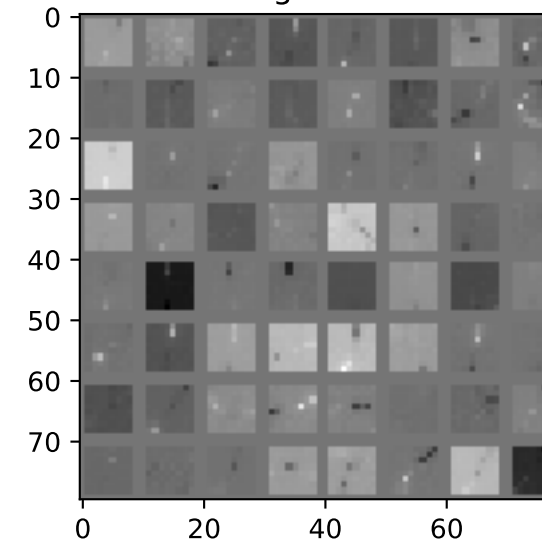**loss : 0.015963**
**msq : 0.015387**
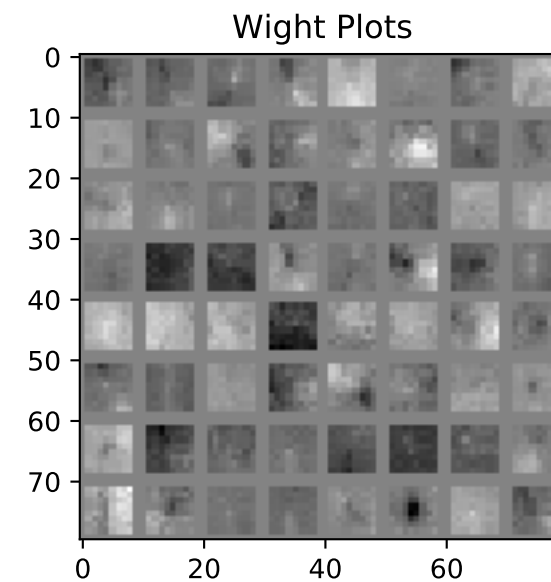**sparsity : 0.005761**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 205**

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**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 1000**
**beta : 1.000000**
**loss : 0.031807**
**msq : 0.015381**
**sparsity : 0.016426**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 206**

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**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.015669**
**msq : 0.015444**
**sparsity : 2.252309**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 207**

wscale : 0.010000
learn_rate : 0.500000
batch size : 2000
beta : 0.001000
loss : 0.016673
msq : 0.015390
sparsity : 1.282647
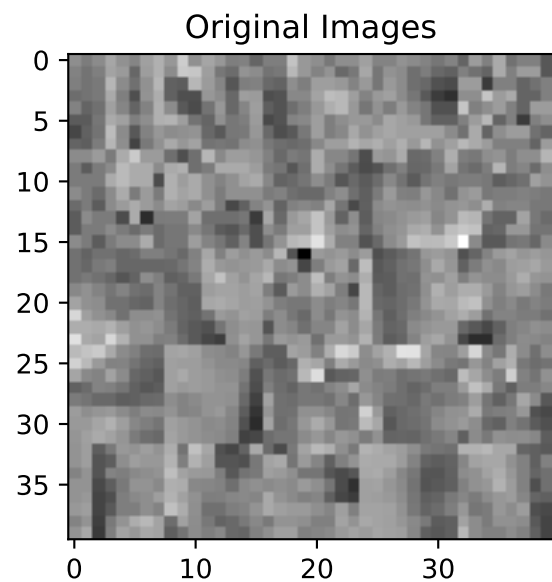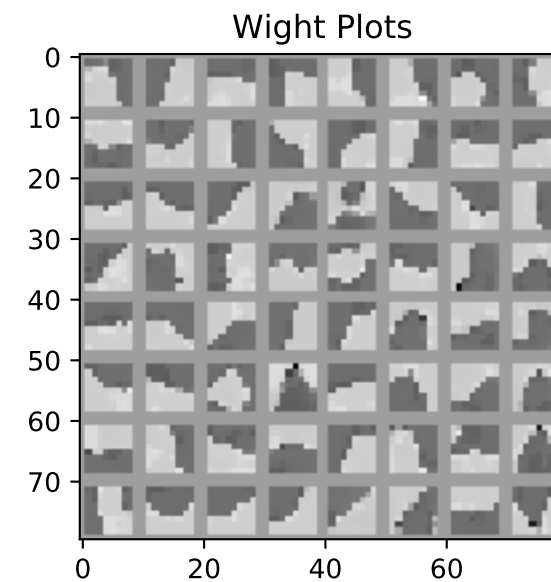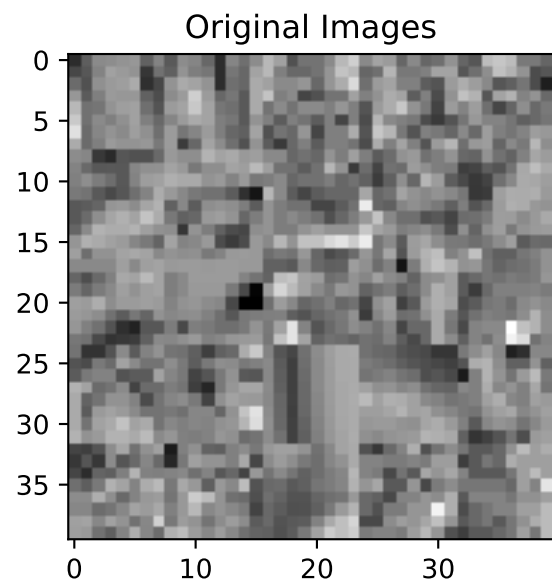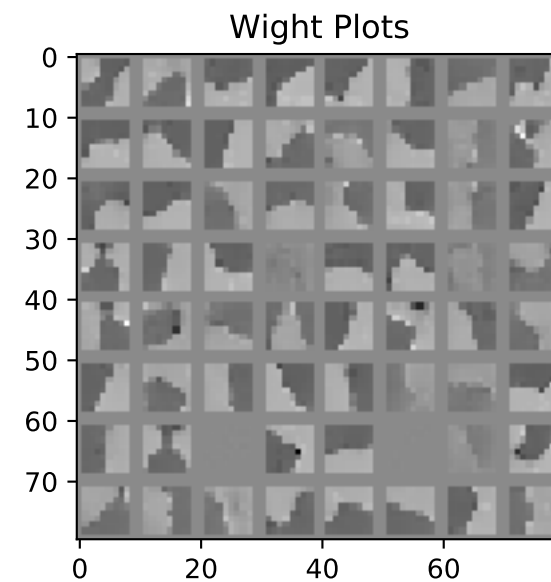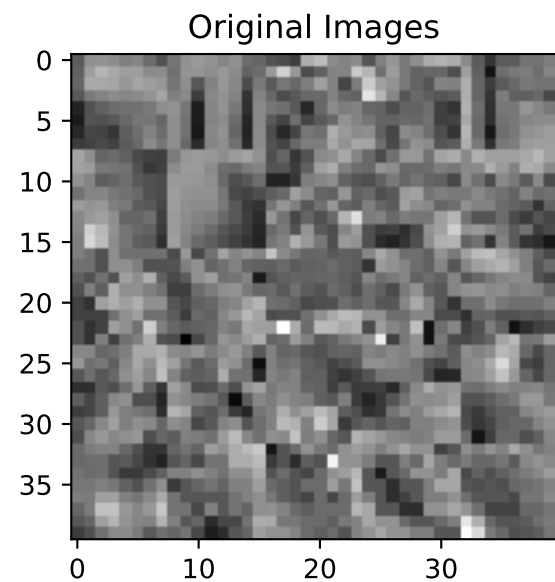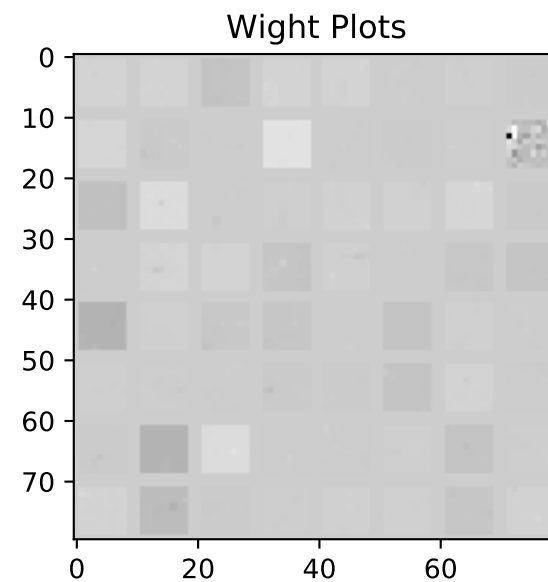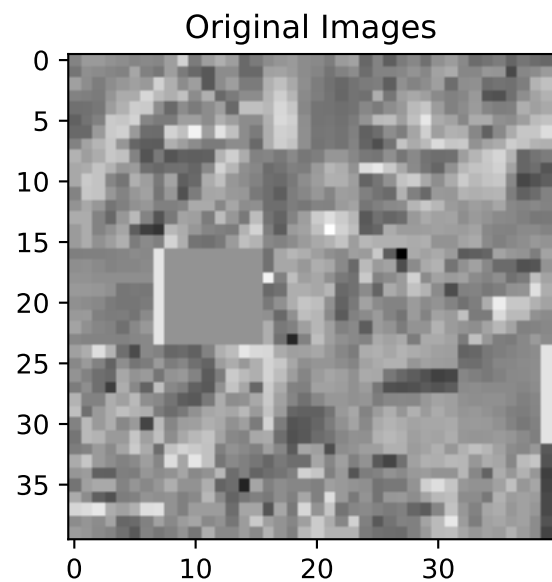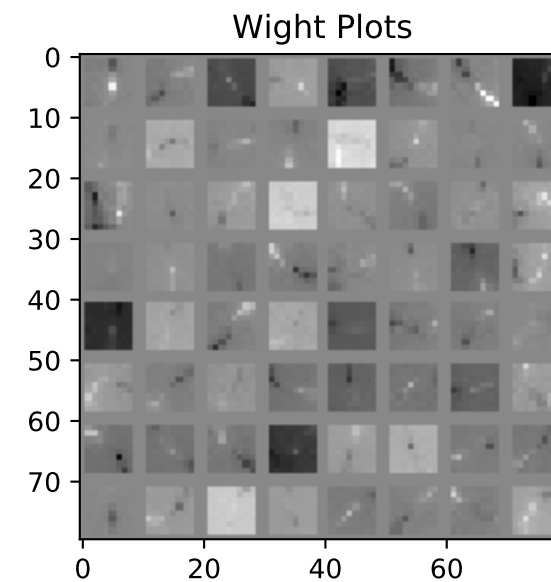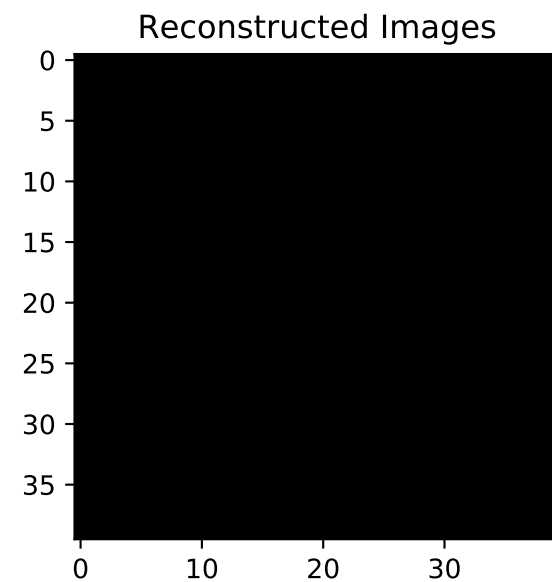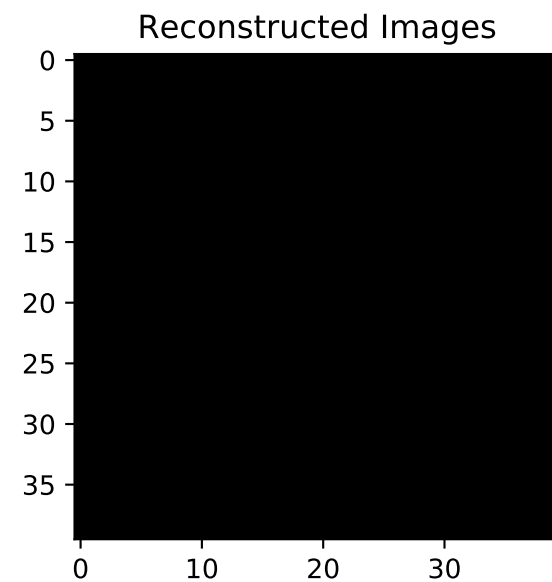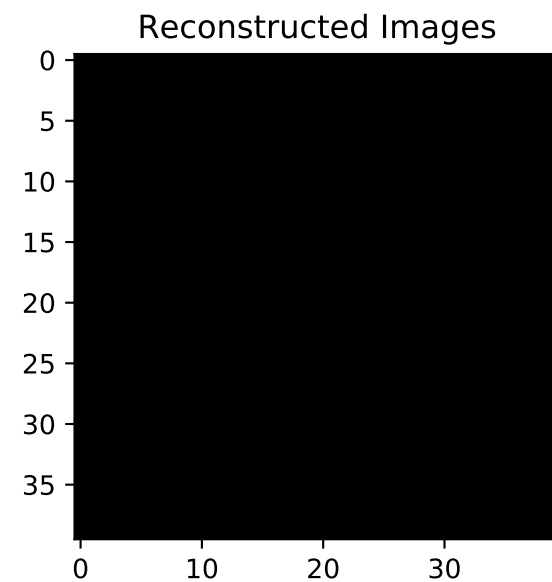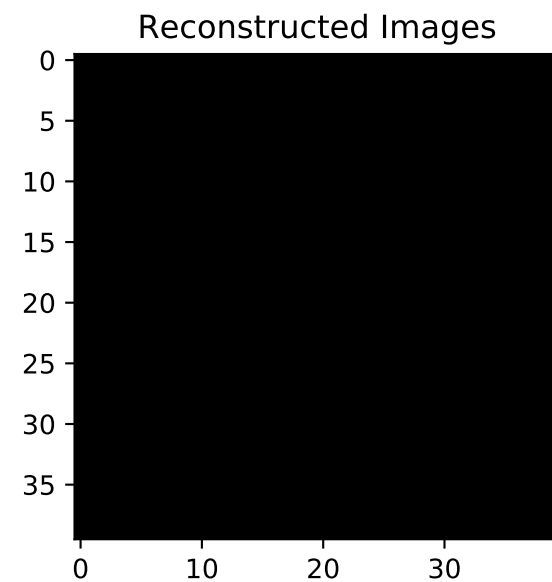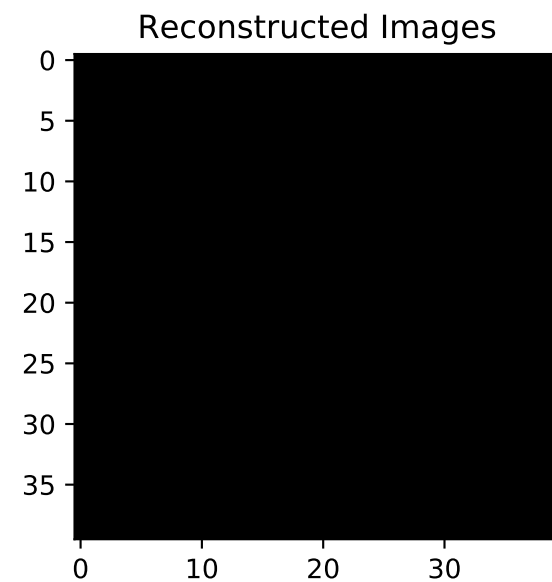


Original Images



Reconstructed Images



Wight Plots

**Trained model : 208**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 0.010000**
**loss : 0.015472**
**msq : 0.015437**
**sparsity : 0.003453**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 209**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 0.100000**
**loss : 0.016233**
**msq : 0.015456**
**sparsity : 0.007774**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 210**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 2000**
**beta : 1.000000**
**loss : 0.037086**
**msq : 0.015459**
**sparsity : 0.021627**
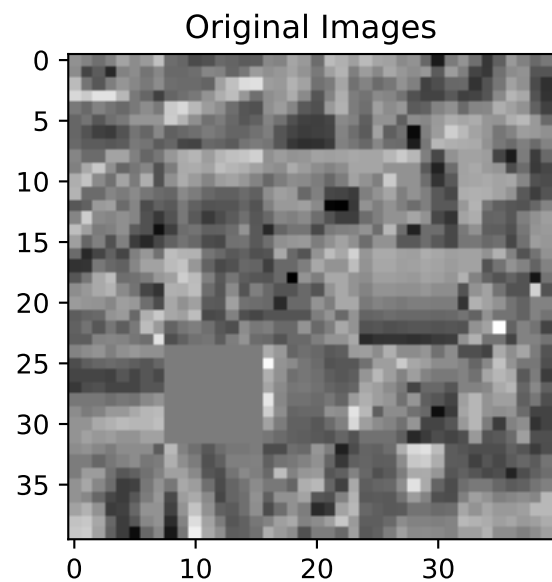


Original Images



Reconstructed Images



Wight Plots

**Trained model : 211**

wscale : 0.010000
learn_rate : 0.500000
batch size : 3000
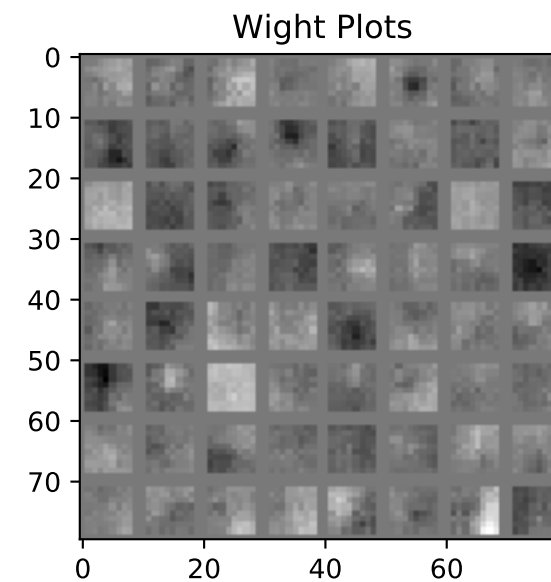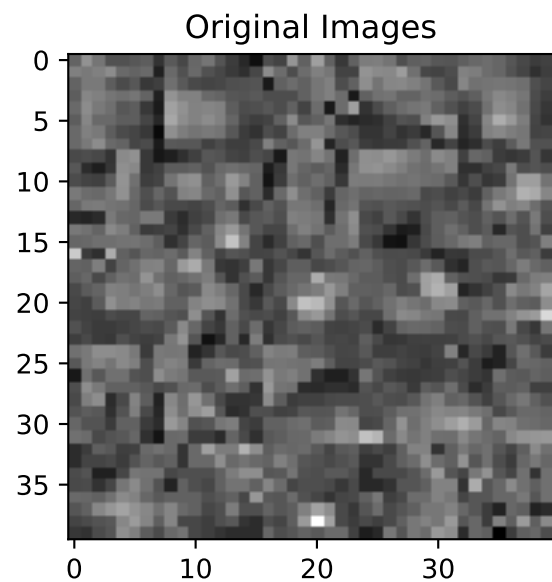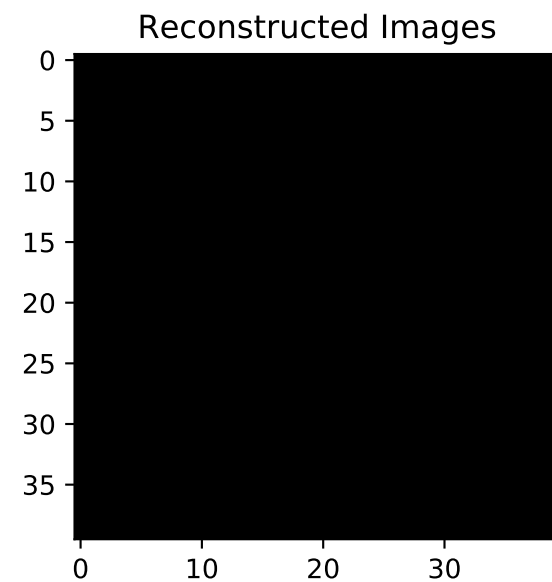beta : 0.000100
loss : 0.015647
msq : 0.015425
sparsity : 2.220968

Original Images
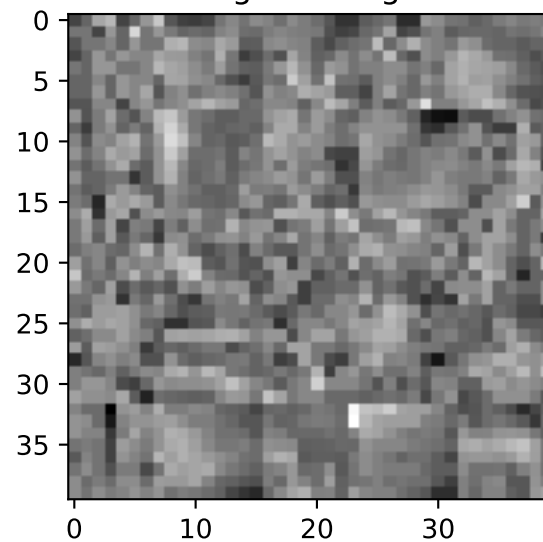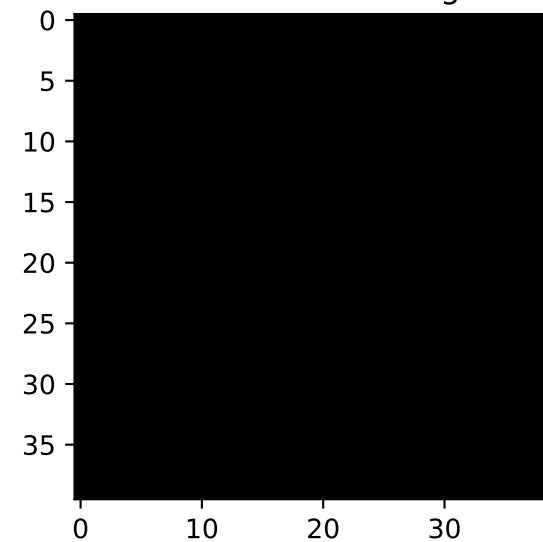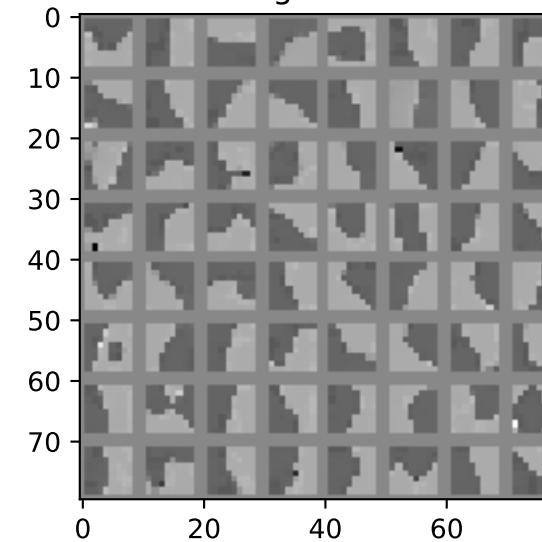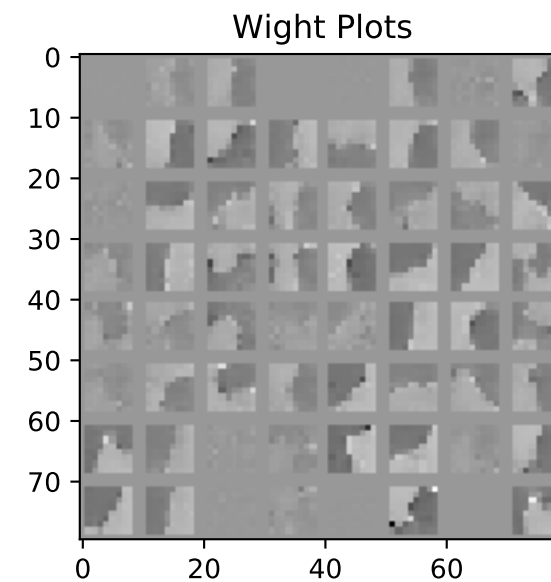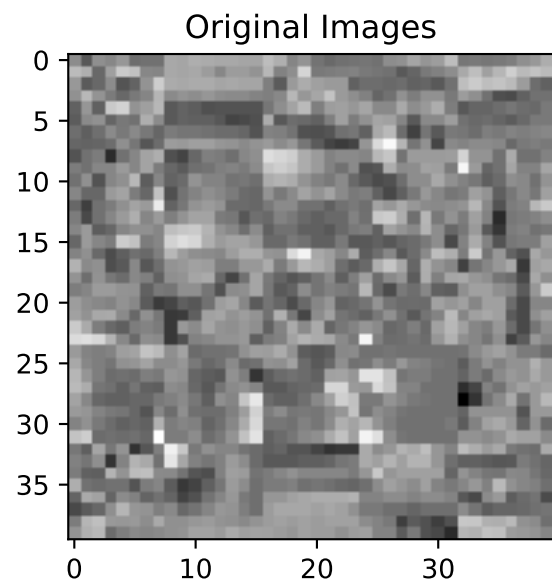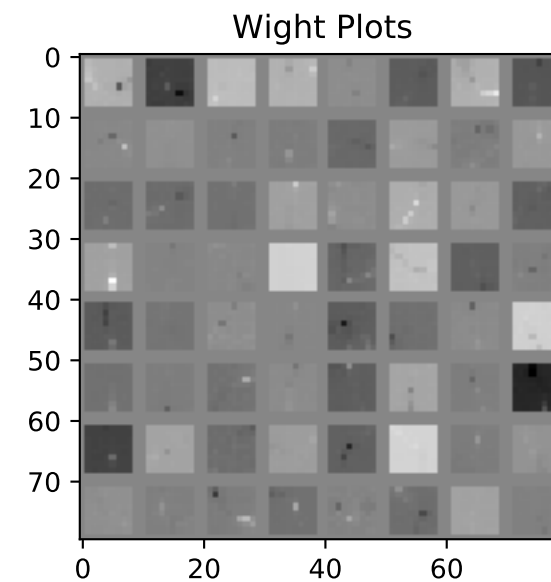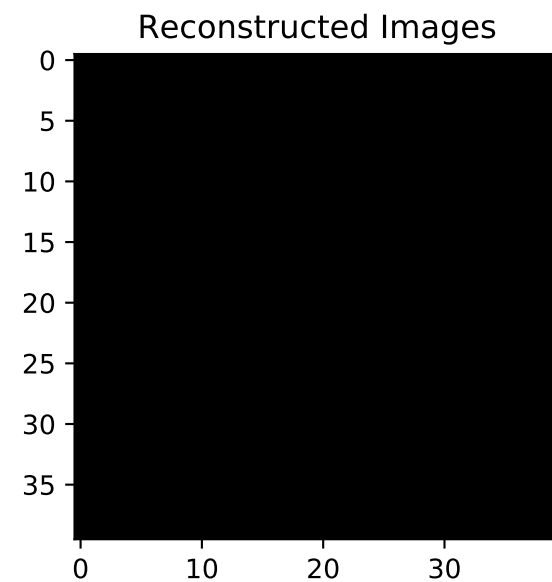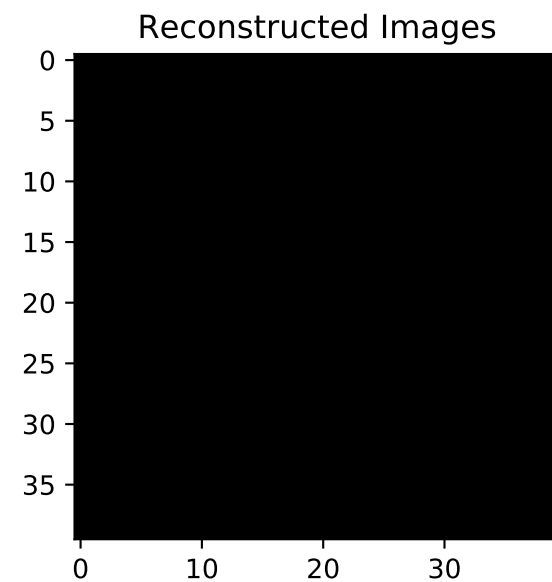
Reconstructed Images

Wight Plots

**Trained model : 212**

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**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 3000**
**beta : 0.001000**
**loss : 0.016078**
**msq : 0.015412**
**sparsity : 0.665422**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 213**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.015447**
**msq : 0.015416**
**sparsity : 0.003125**

Original Images

Reconstructed Images

Wight Plots
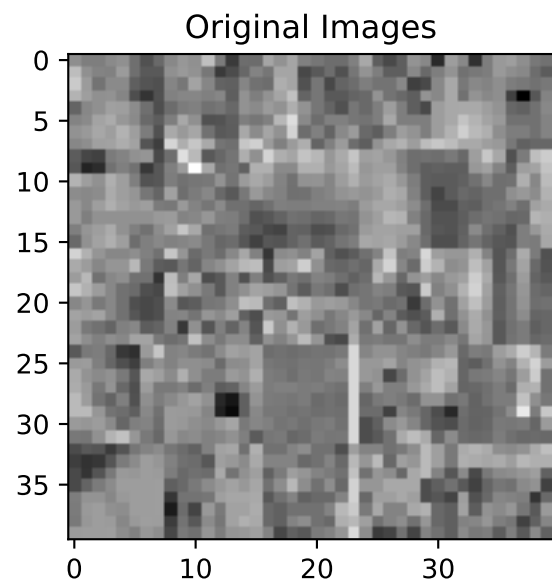
**Trained model : 214**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 3000**
**beta : 0.100000**
**loss : 0.016464**
**msq : 0.015428**
**sparsity : 0.010357**



Original Images



Reconstructed Images



Wight Plots
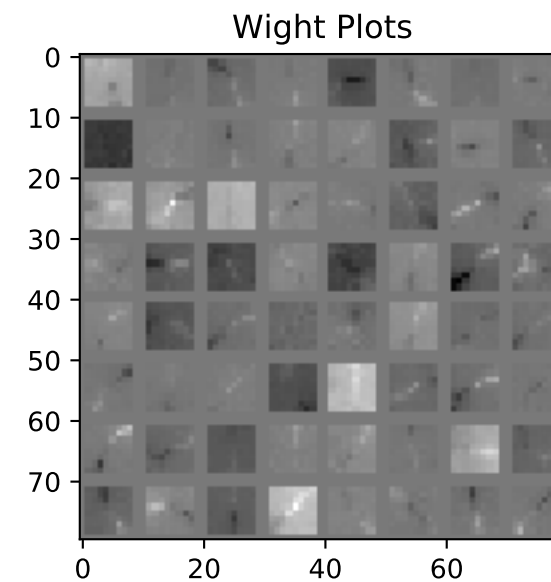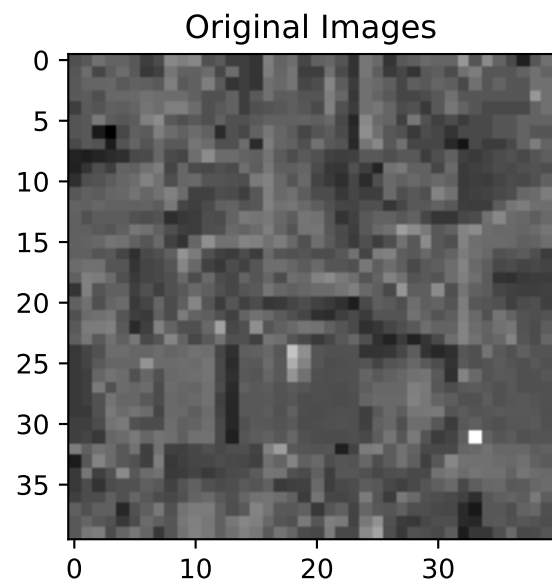
**Trained model : 215**

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**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 3000**
**beta : 1.000000**
**loss : 0.044587**
**msq : 0.015406**
**sparsity : 0.029181**



Original Images



Reconstructed Images
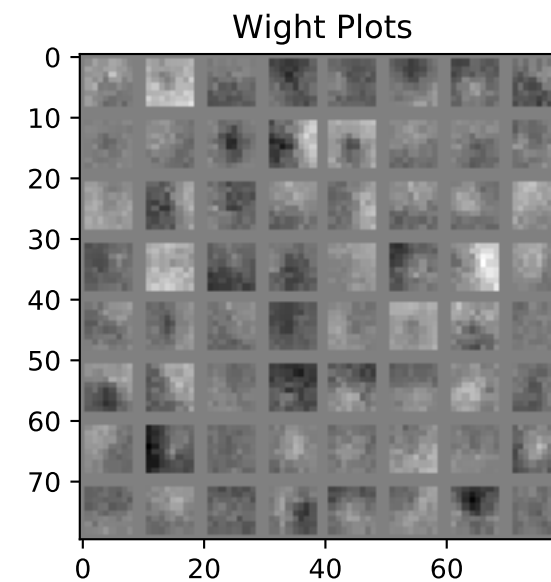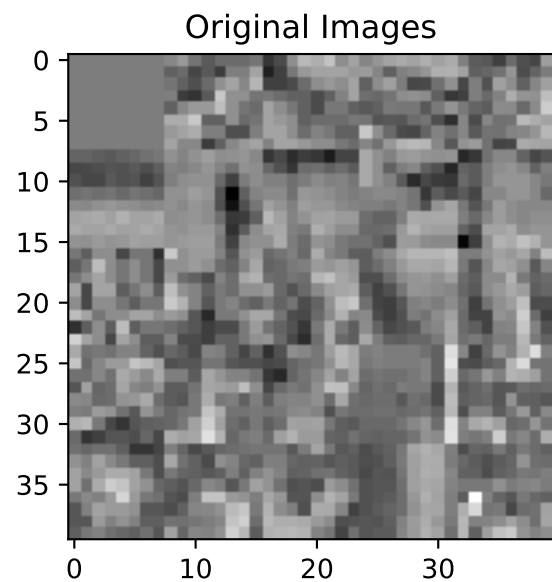


Wight Plots

**Trained model : 216**

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**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 4000**
**beta : 0.000100**
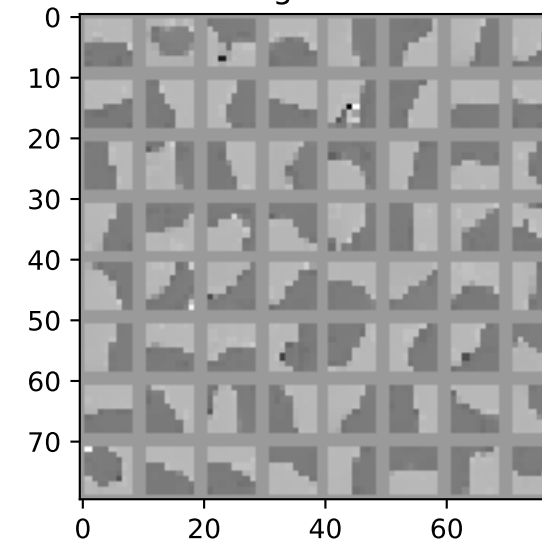**loss : 0.015586**
**msq : 0.015378**
**sparsity : 2.077458**
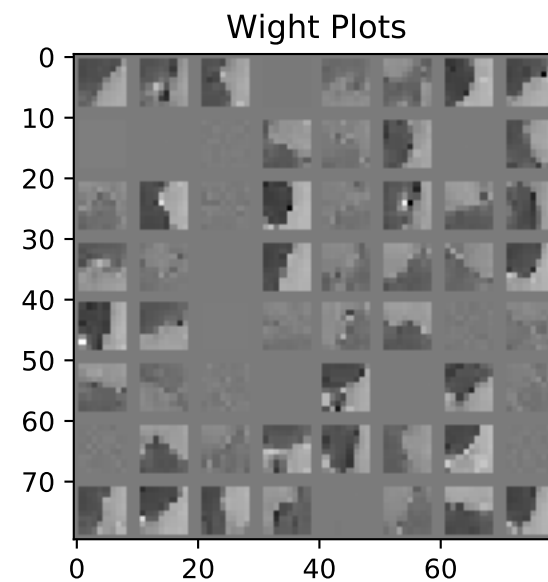


Original Images
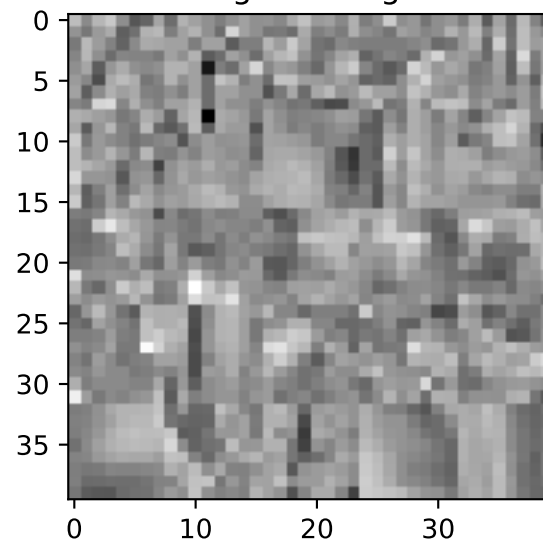


Reconstructed Images



Wight Plots

**Trained model : 217**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 4000**
**beta : 0.001000**
**loss : 0.015929**
**msq : 0.015431**
**sparsity : 0.497808**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 218**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.015492**
**msq : 0.015450**
**sparsity : 0.004164**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 219**

wscale : 0.010000
learn_rate : 0.500000
batch size : 4000
beta : 0.100000
loss : 0.016777
msq : 0.015443
sparsity : 0.013336
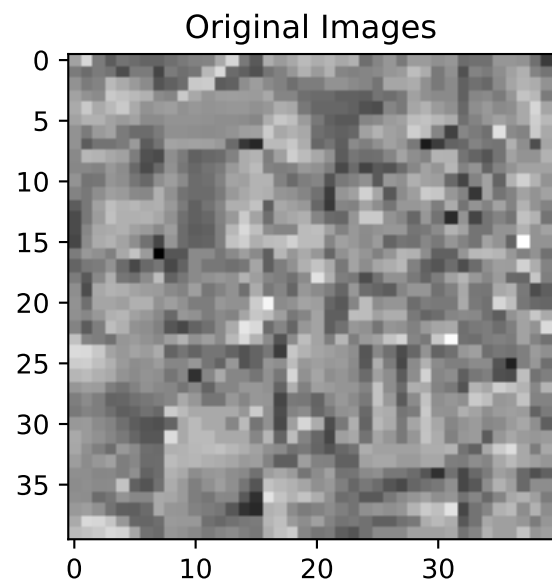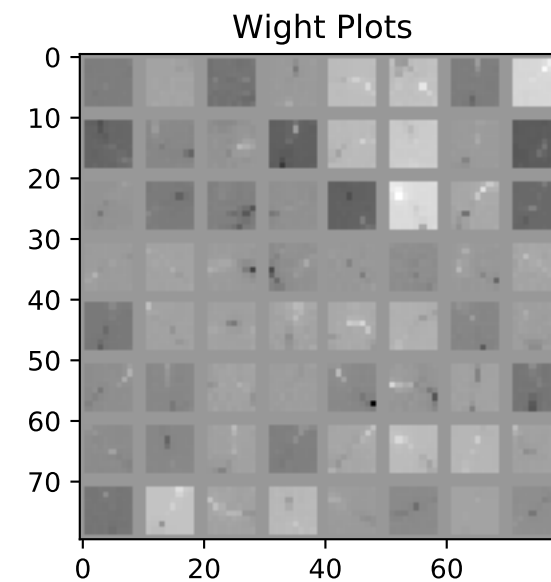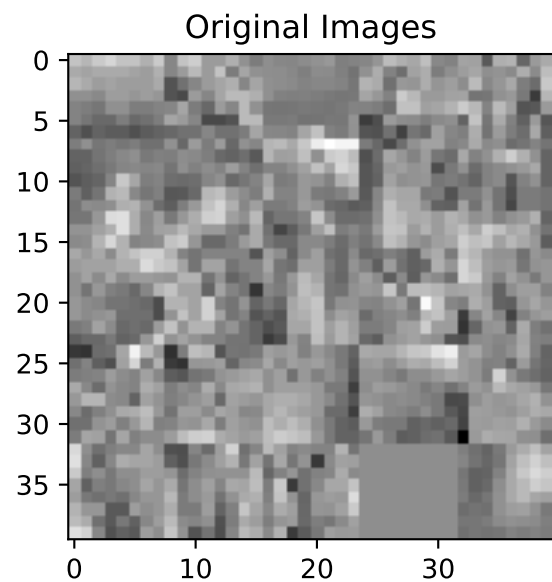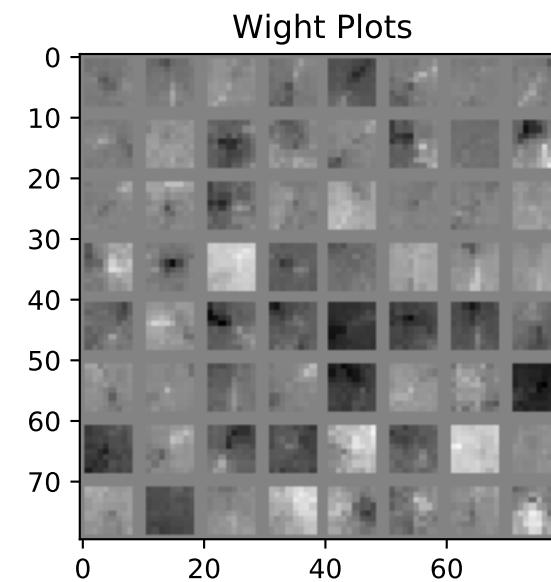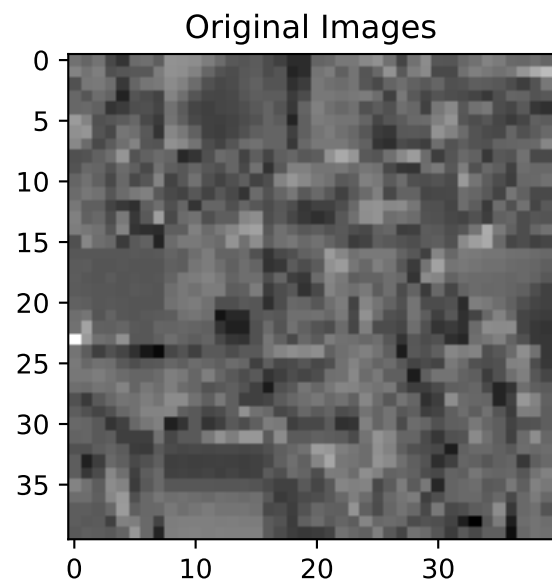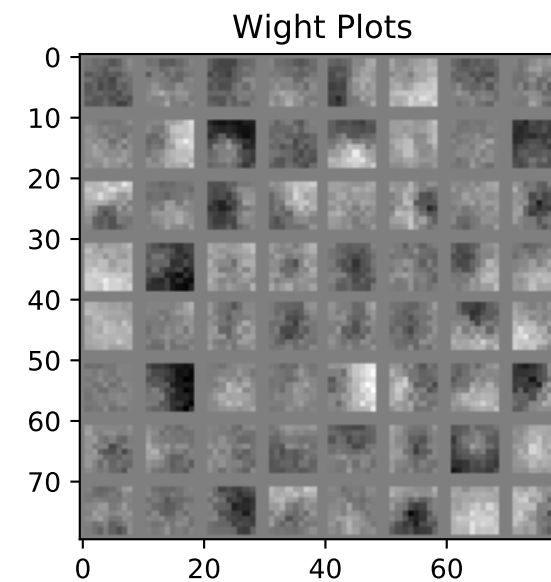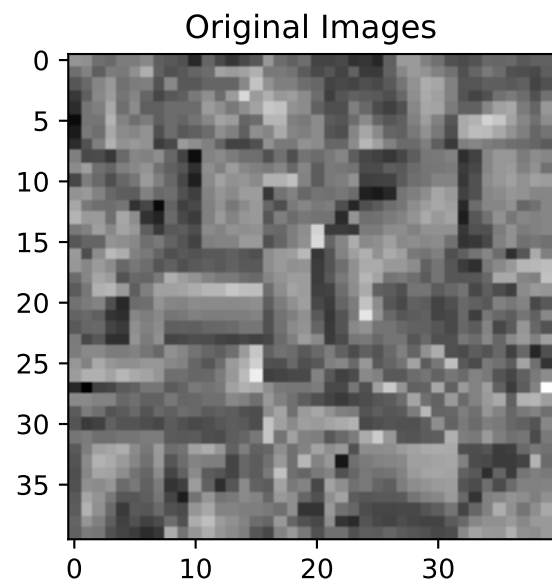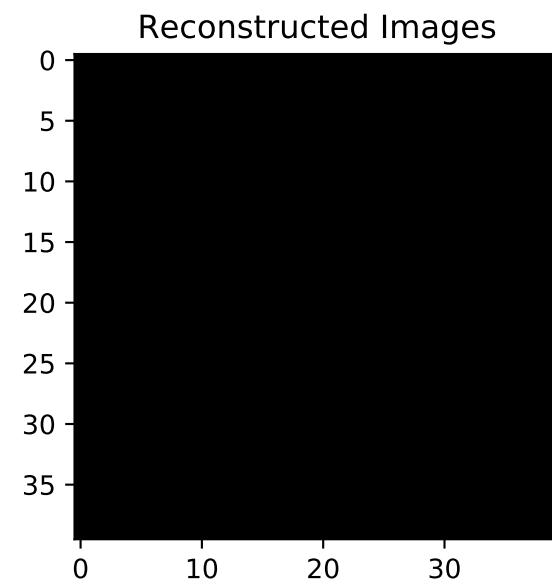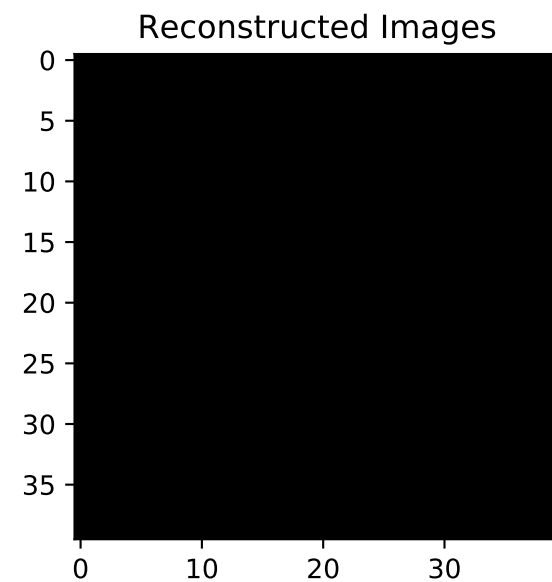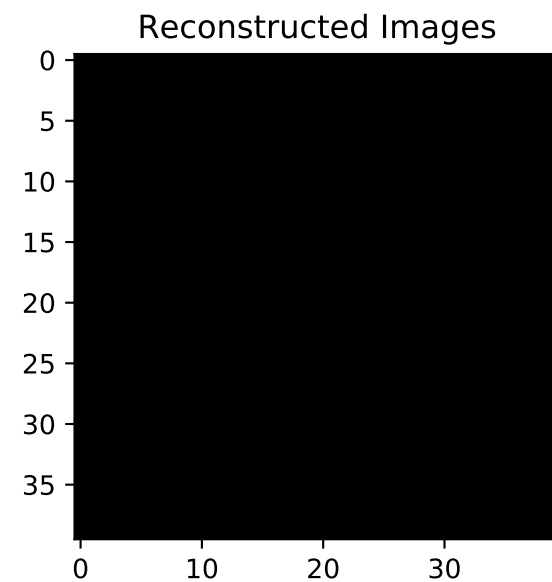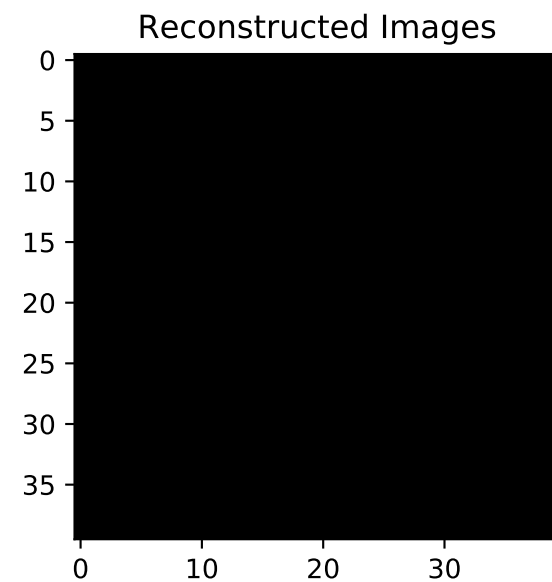


Original Images
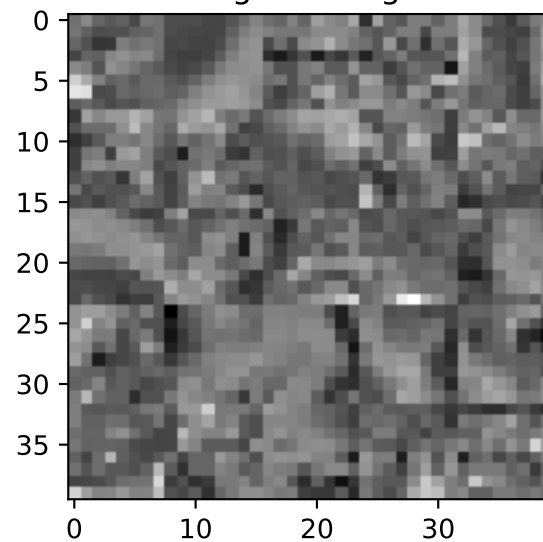
Reconstructed Images

Wight Plots

**Trained model : 220**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 4000**
**beta : 1.000000**
**loss : 0.045434**
**msq : 0.015409**
**sparsity : 0.030025**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 221**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 5000**
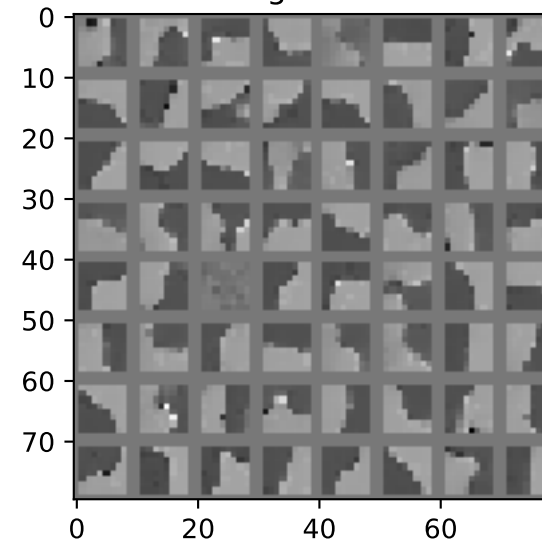**beta : 0.000100**
**loss : 0.015569**
**msq : 0.015397**
**sparsity : 1.723111**
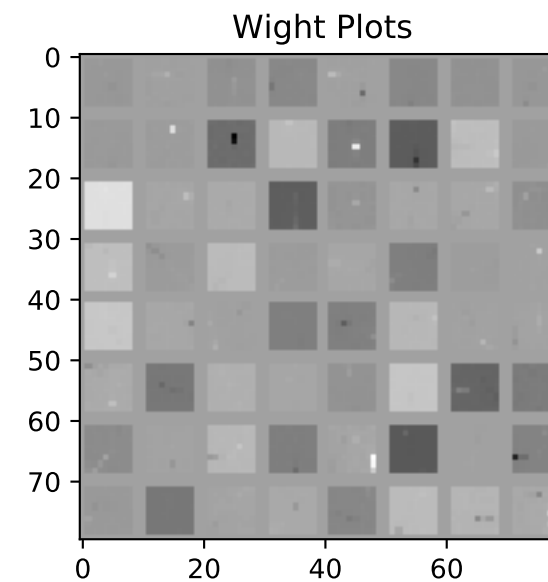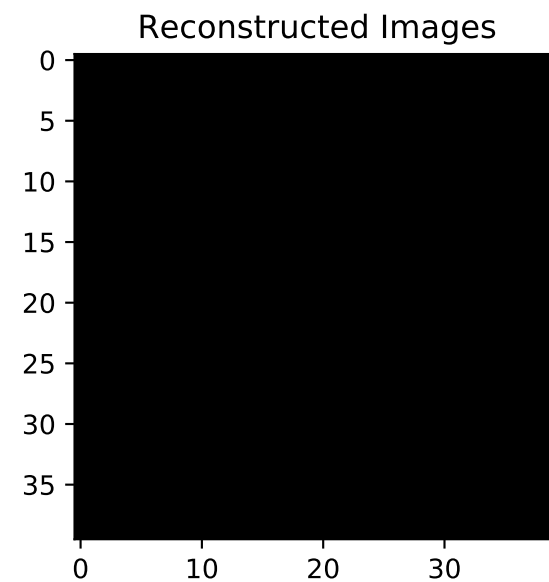


Original Images



Reconstructed Images
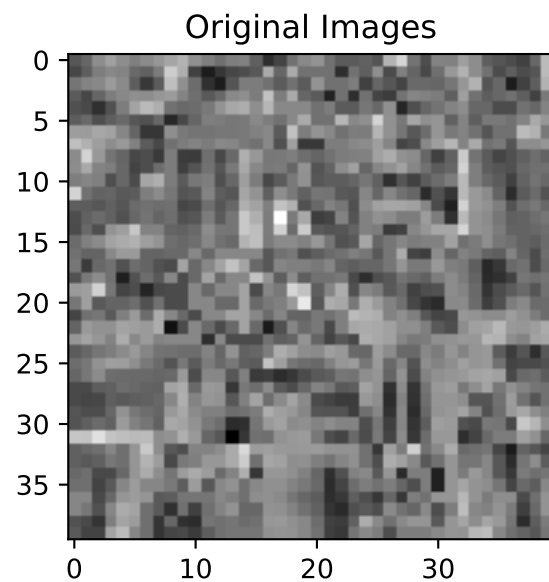


Wight Plots

**Trained model : 222**

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**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.015411**
**msq : 0.015409**
**sparsity : 0.001641**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 223**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.015491**
**msq : 0.015437**
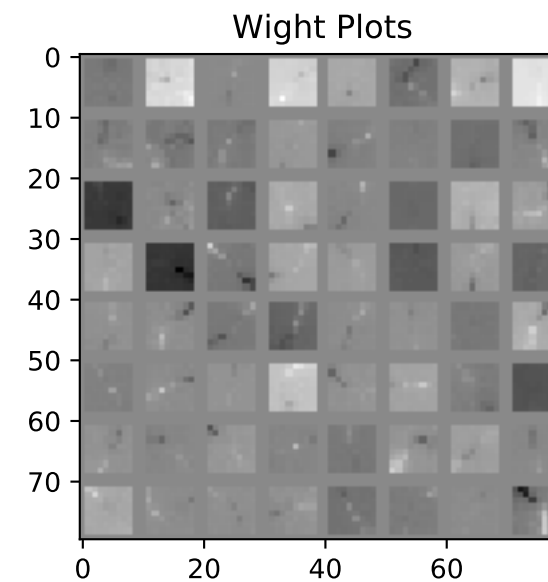**sparsity : 0.005379**



Original Images



Reconstructed Images



Wight Plots
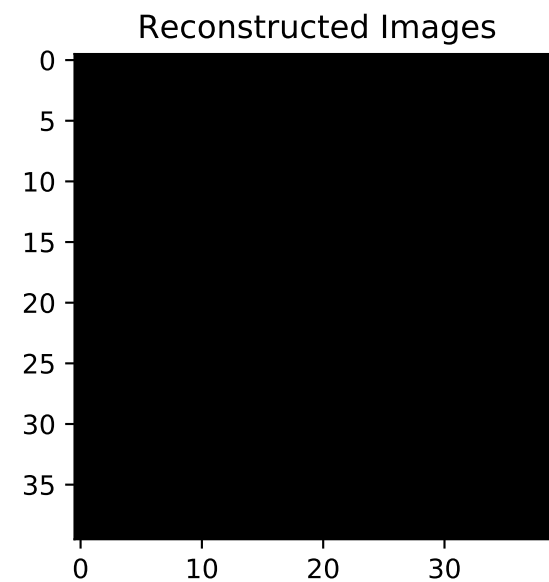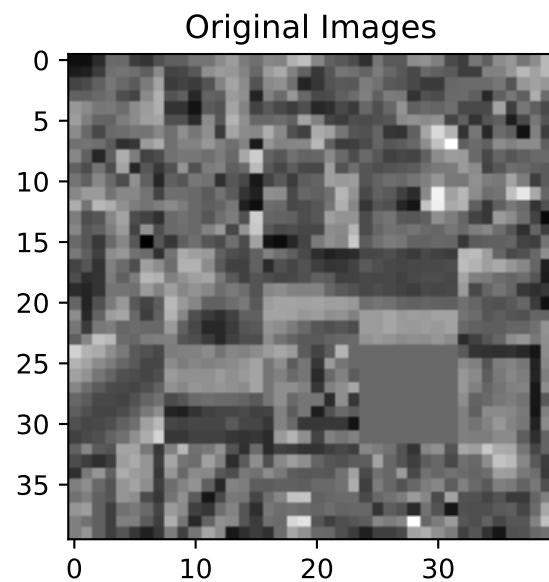
**Trained model : 224**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 0.100000**
**loss : 0.017049**
**msq : 0.015409**
**sparsity : 0.016397**



Original Images

Reconstructed Images

Wight Plots
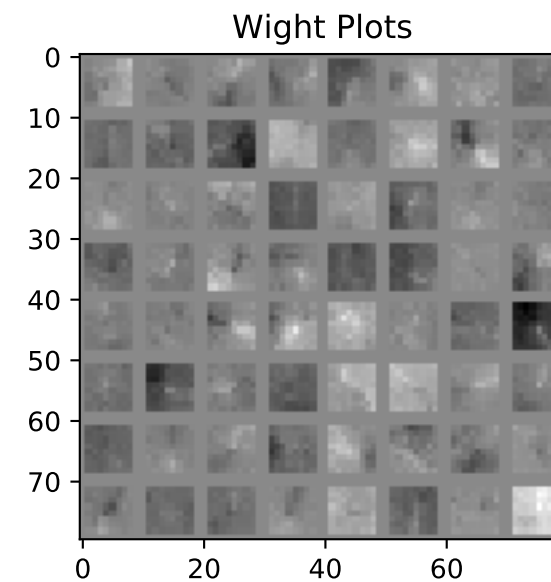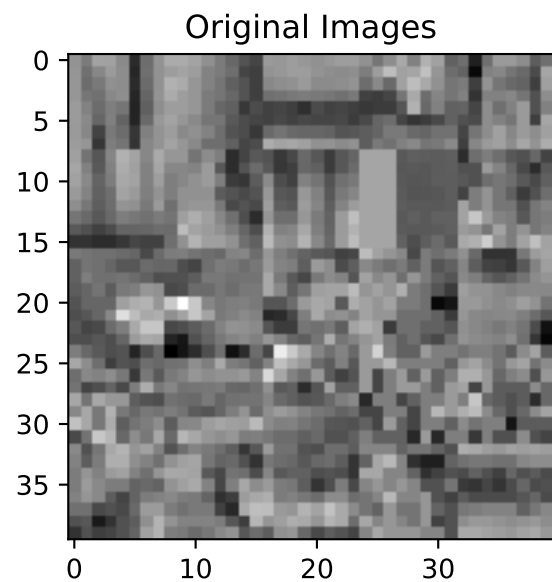
**Trained model : 225**

_____

**wscale : 0.010000**
**learn_rate : 0.500000**
**batch size : 5000**
**beta : 1.000000**
**loss : 0.050362**
**msq : 0.015481**
**sparsity : 0.034881**



Original Images



Reconstructed Images
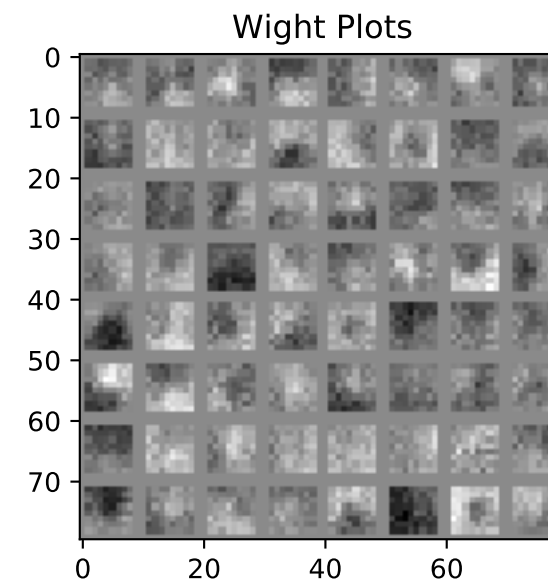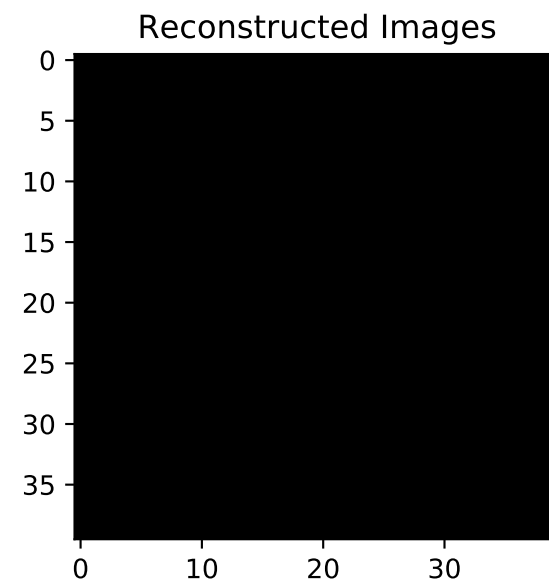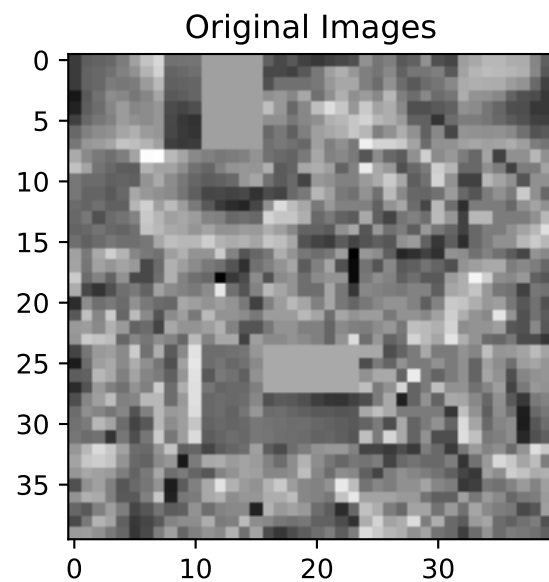


Wight Plots

**Trained model : 226**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 1000**
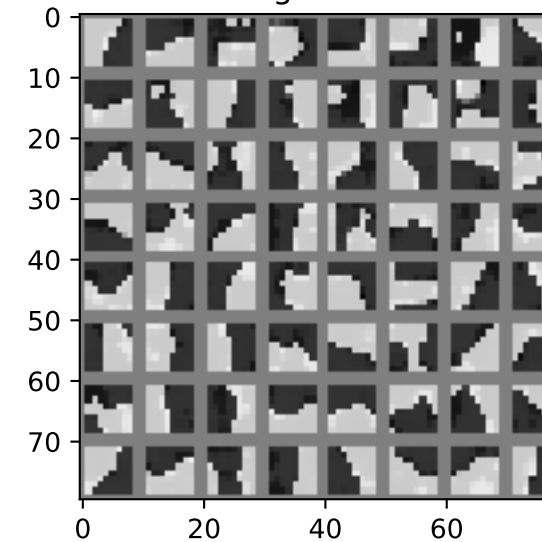**beta : 0.000100**
**loss : 0.017842**
**msq : 0.015431**
**sparsity : 24.110018**



Original Images
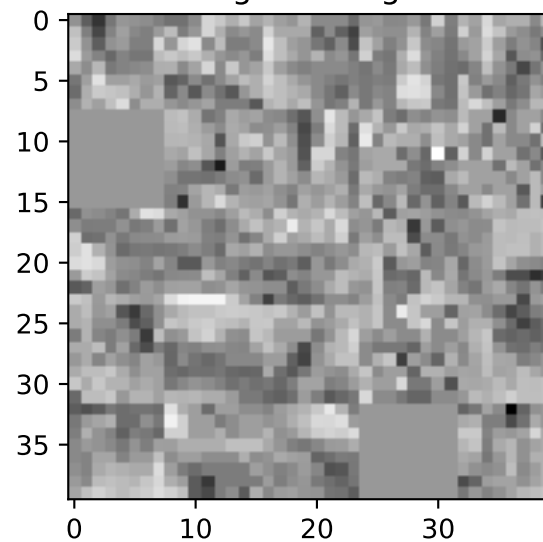


Reconstructed Images



Wight Plots

**Trained model : 227**
_____
**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 1000**
**beta : 0.001000**
**loss : 0.040510**
**msq : 0.015394**
**sparsity : 25.116739**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 228**

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wscale : 0.010000
learn_rate : 5.000000
batch size : 1000
beta : 0.010000
loss : 0.266943
msq : 0.015387
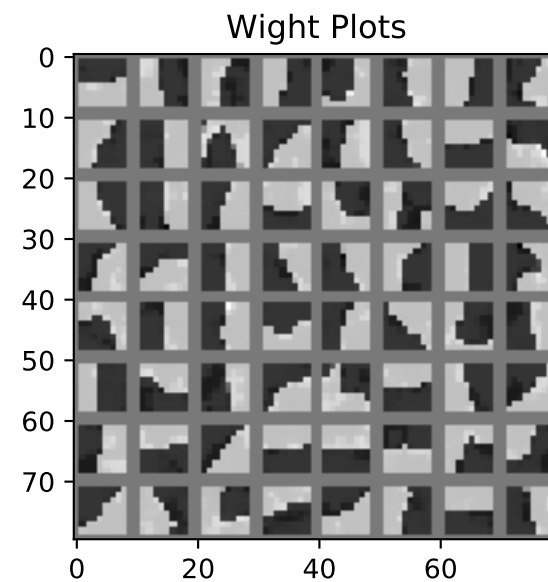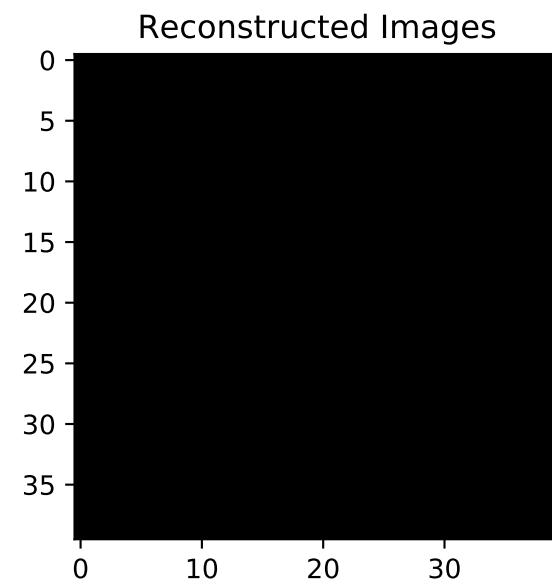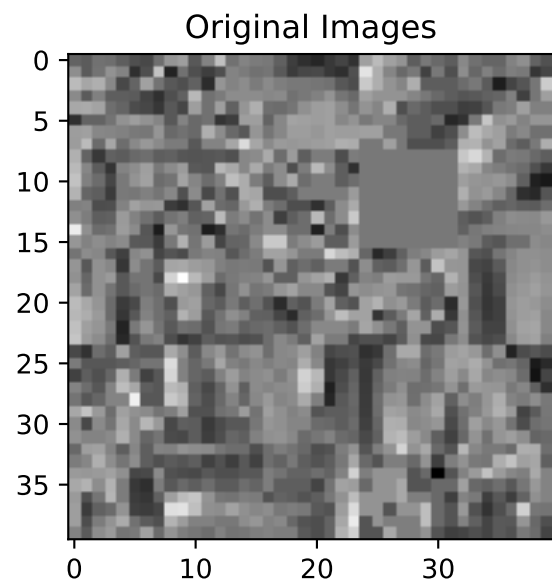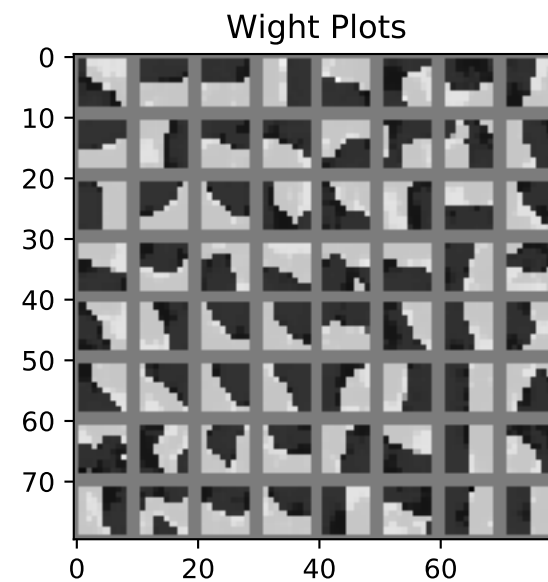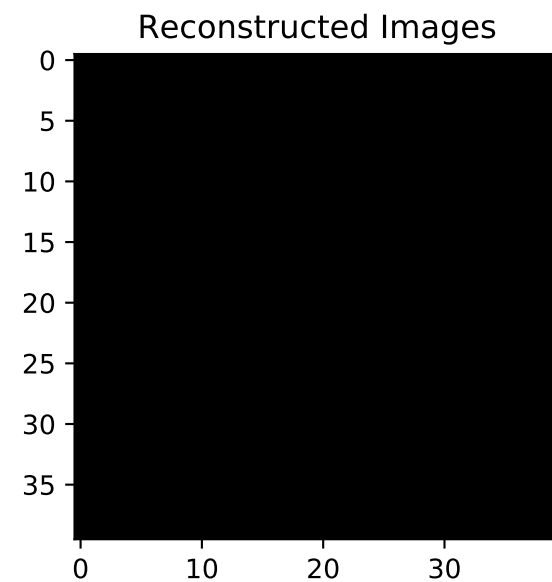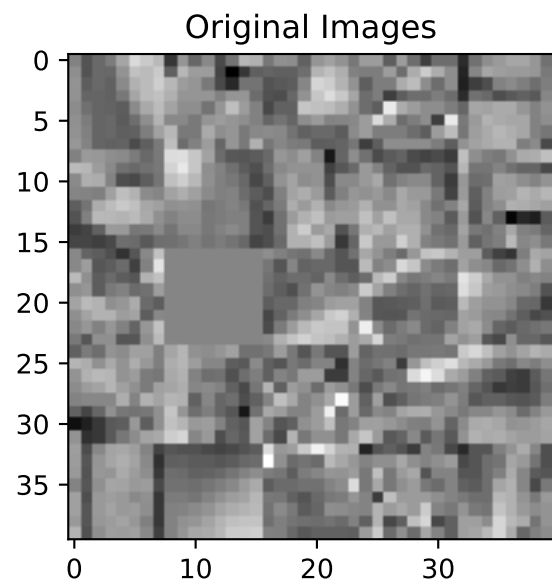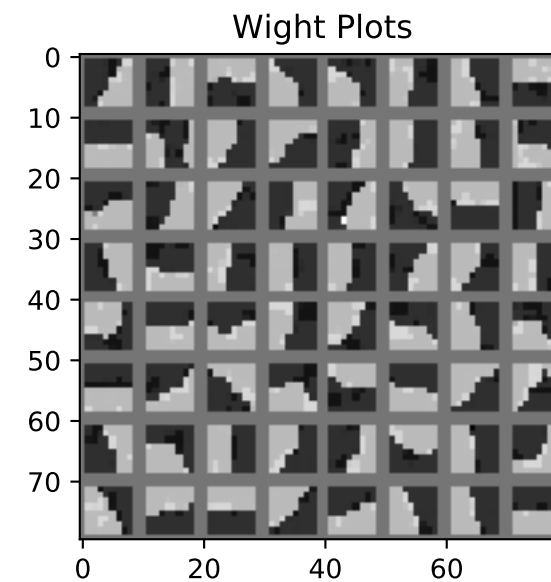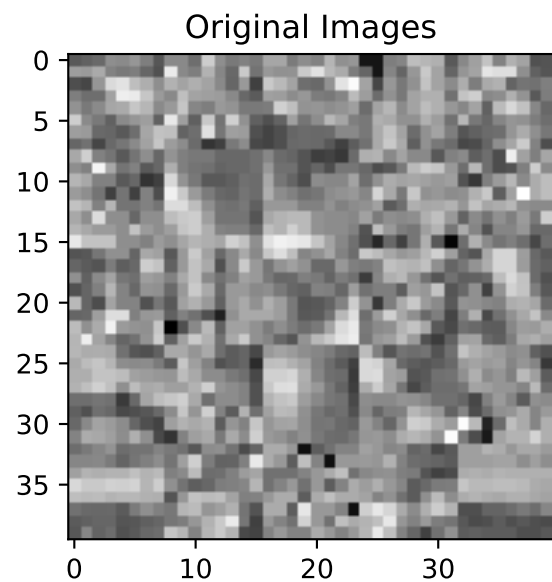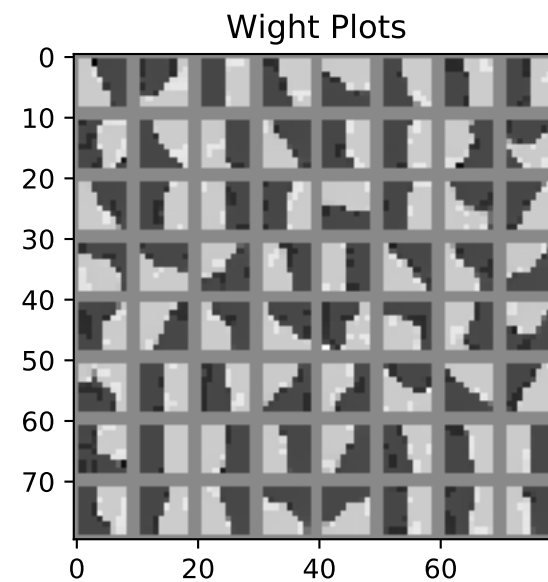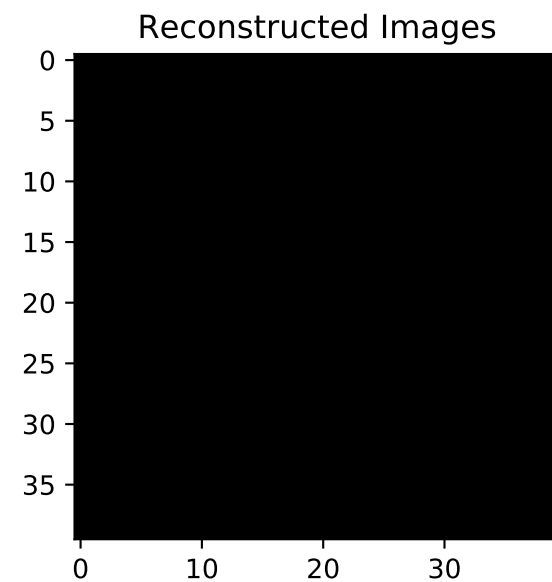sparsity : 25.155529

Original Images

Reconstructed Images

Wight Plots

**Trained model : 229**
_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 1000**
**beta : 0.100000**
**loss : 2.531793**
**msq : 0.015434**
**sparsity : 25.163591**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 230**

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**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 1000**
**beta : 1.000000**
**loss : 23.975838**
**msq : 0.015441**
**sparsity : 23.960398**



Original Images



Reconstructed Images



Wight Plots
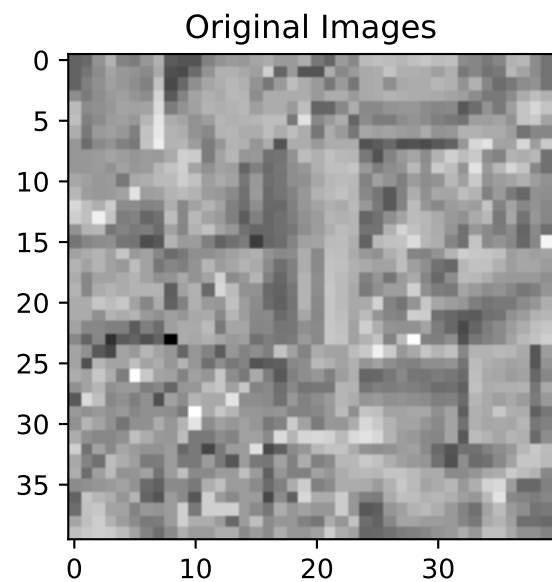
**Trained model : 231**

---

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 2000**
**beta : 0.000100**
**loss : 0.017912**
**msq : 0.015422**
**sparsity : 24.902344**



Original Images



Reconstructed Images
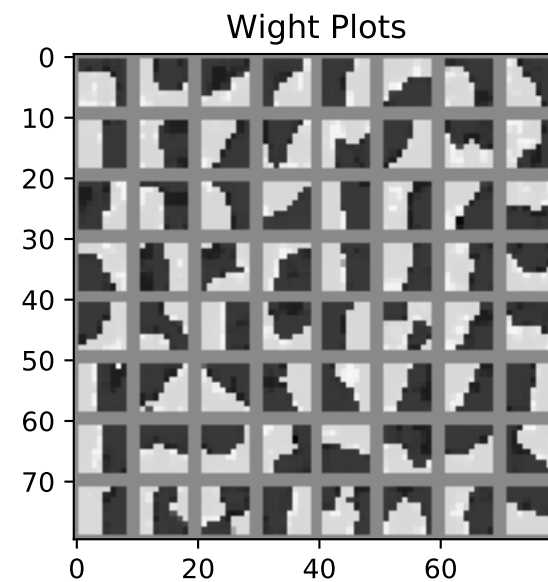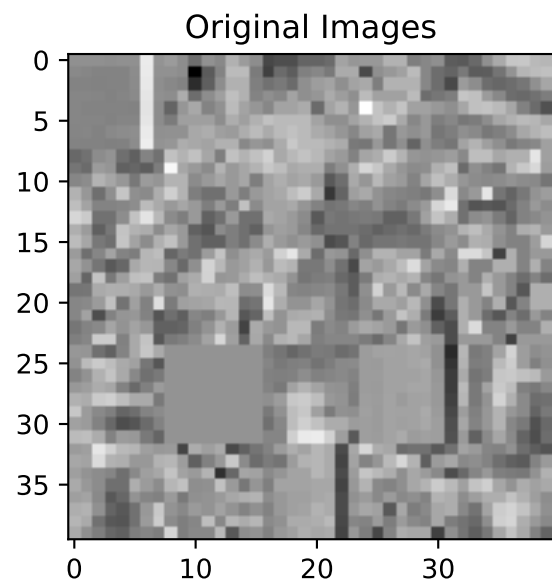


Wight Plots

**Trained model : 232**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 2000**
**beta : 0.001000**
**loss : 0.040156**
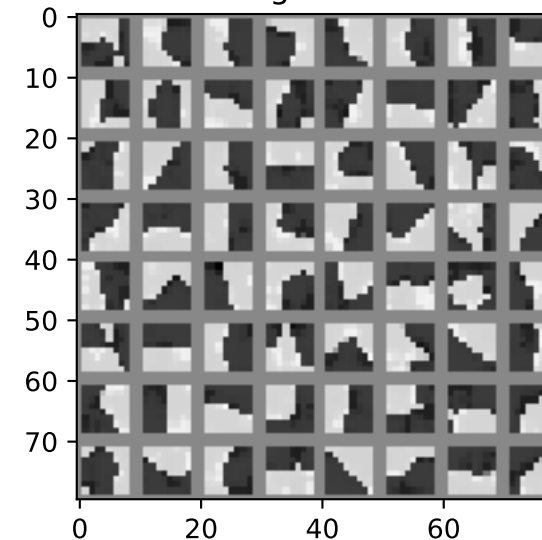**msq : 0.015406**
**sparsity : 24.750170**
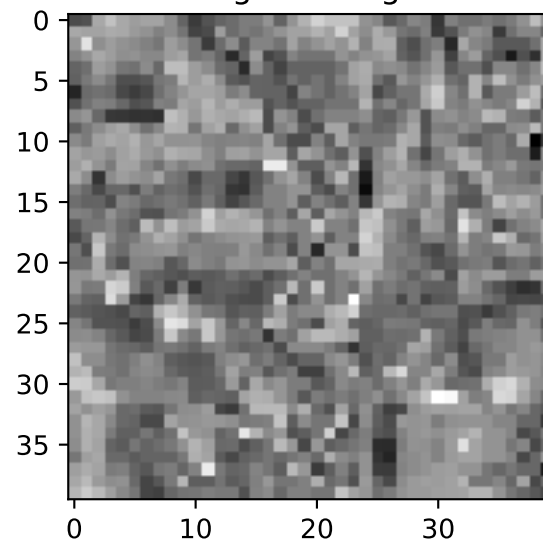


Original Images
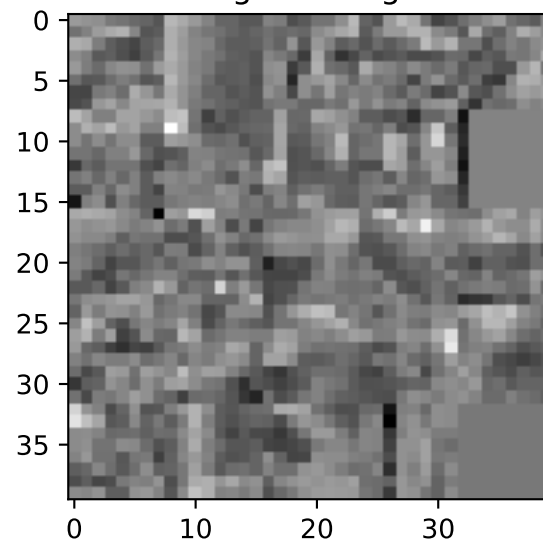
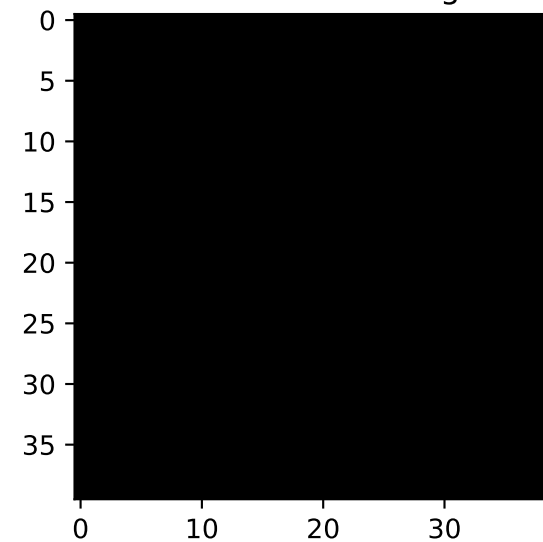

Reconstructed Images
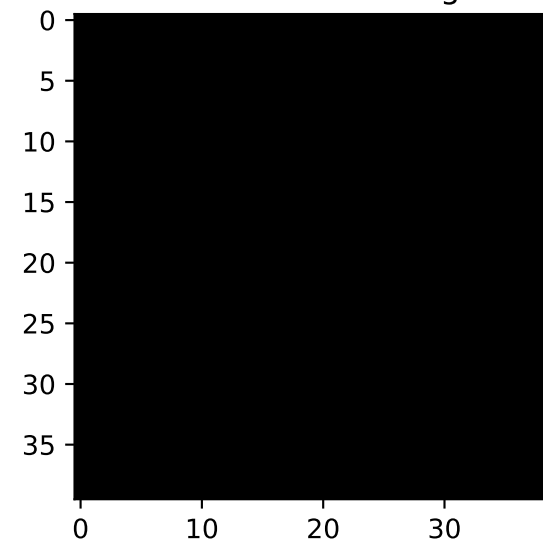


Wight Plots

**Trained model : 233**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 2000**
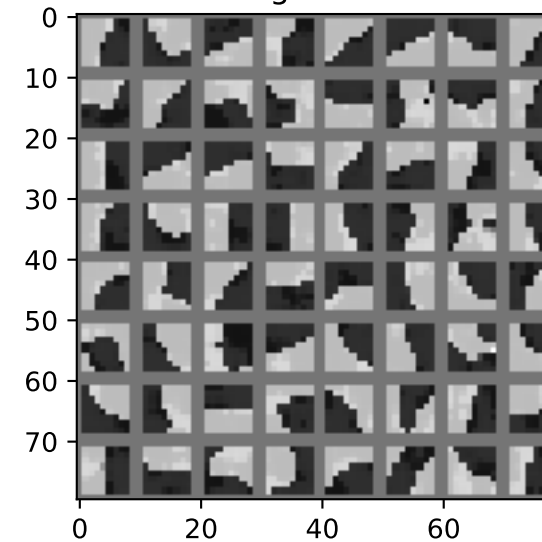**beta : 0.010000**
**loss : 0.274654**
**msq : 0.015447**
**sparsity : 25.920759**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 234**

---

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 2000**
**beta : 0.100000**
**loss : 2.471999**
**msq : 0.015428**
**sparsity : 24.565710**



Original Images

Reconstructed Images

Wight Plots

**Trained model : 235**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 2000**
**beta : 1.000000**
**loss : 20.437891**
**msq : 0.015359**
**sparsity : 20.422531**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 236**

wscale : 0.010000
learn_rate : 5.000000
batch size : 3000
beta : 0.000100
loss : 0.017872
msq : 0.015378
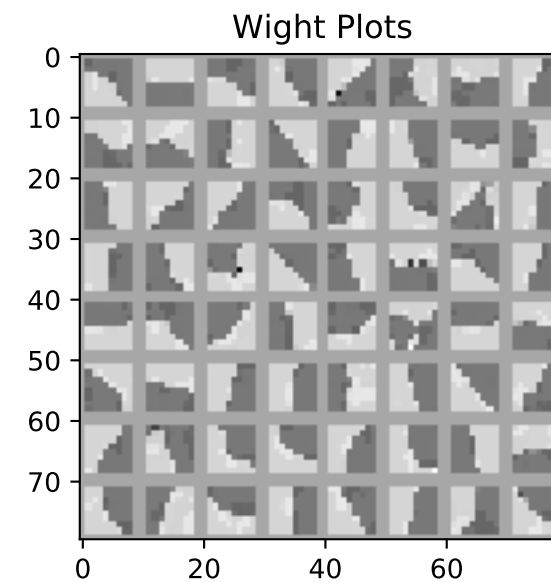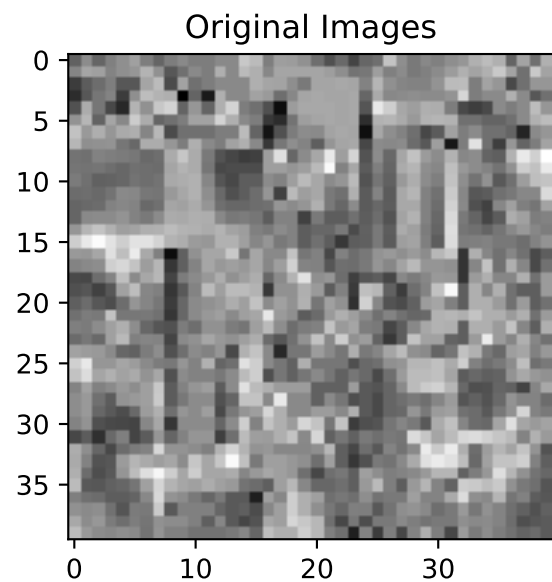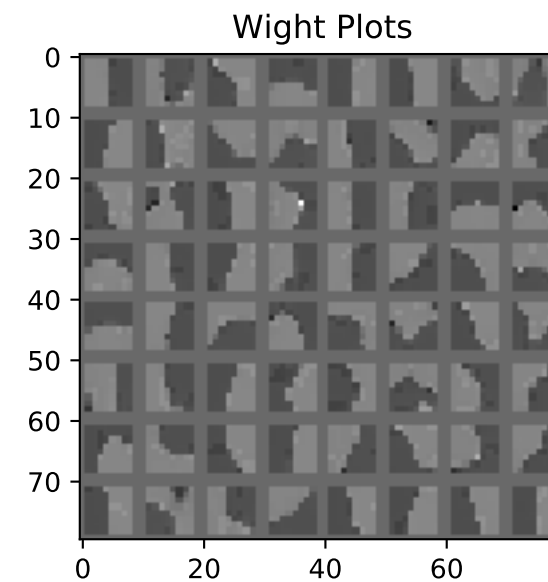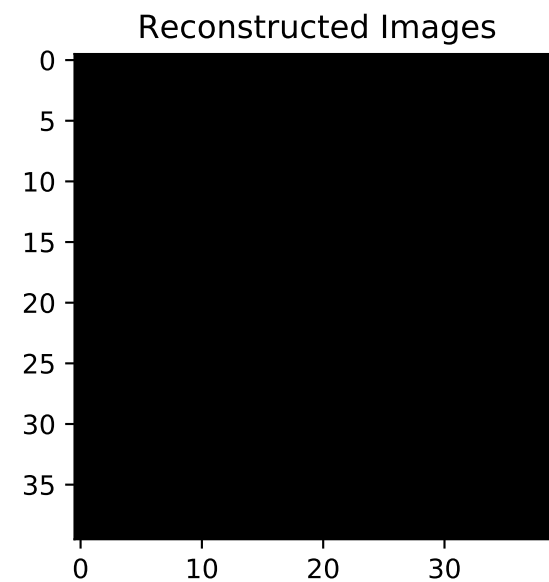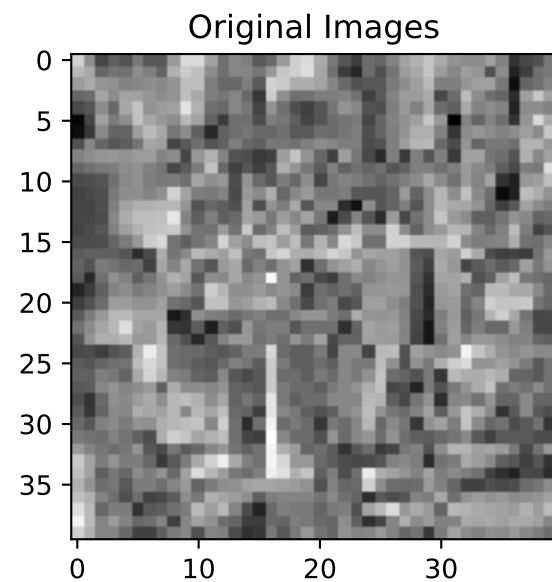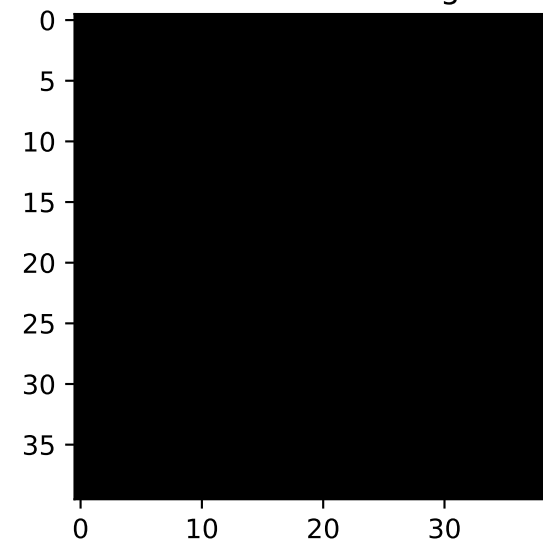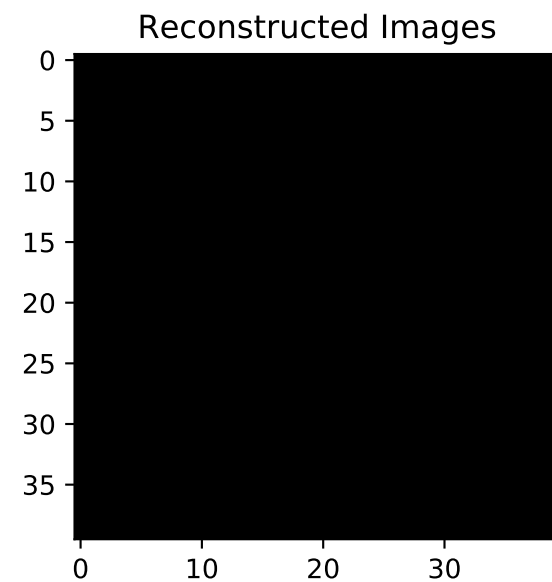sparsity : 24.942041



Original Images
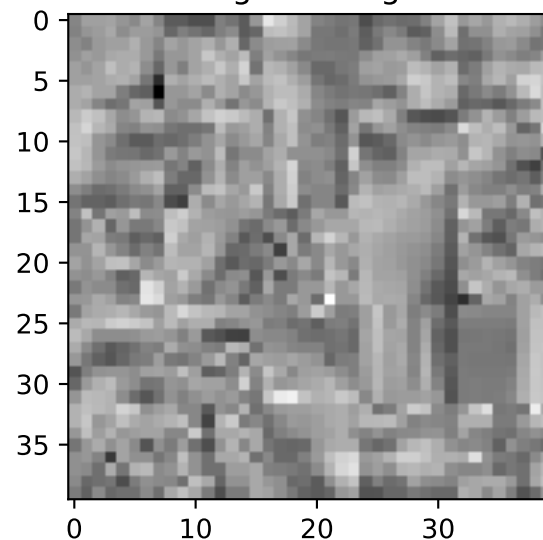


Reconstructed Images



Wight Plots

**Trained model : 237**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 3000**
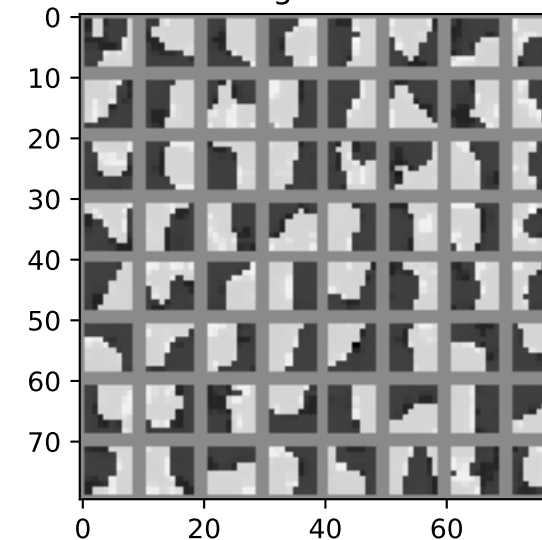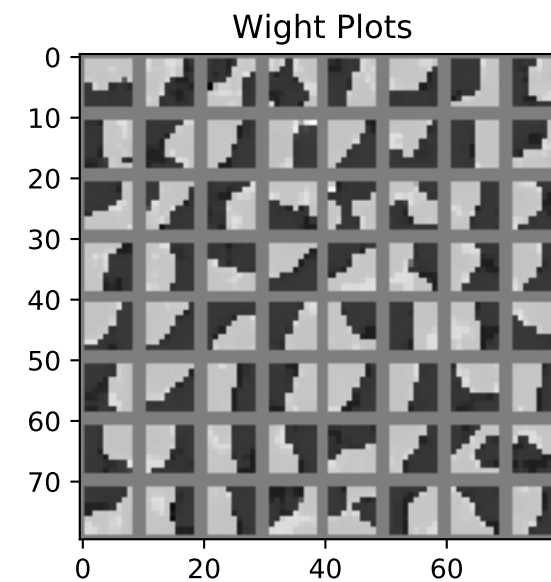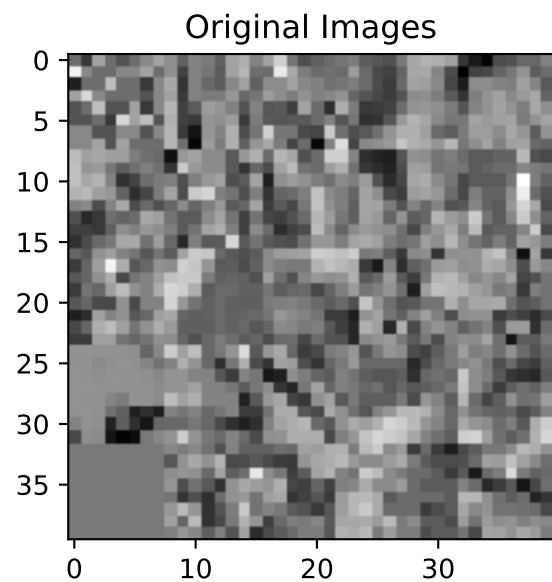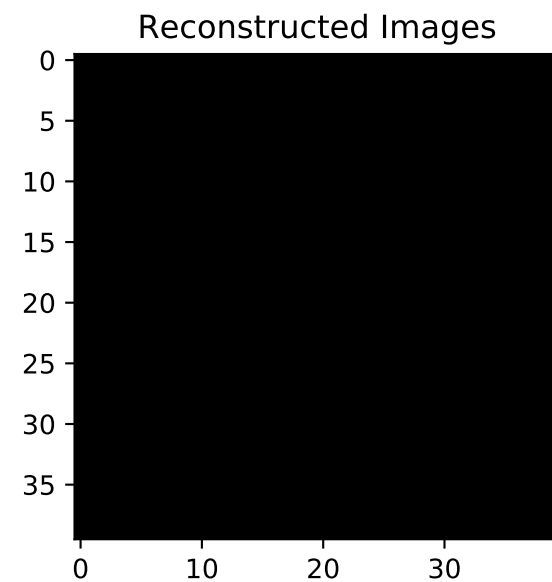**beta : 0.001000**
**loss : 0.040338**
**msq : 0.015400**
**sparsity : 24.938562**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 238**

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**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 3000**
**beta : 0.010000**
**loss : 0.268963**
**msq : 0.015415**
**sparsity : 25.354795**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 239**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 3000**
**beta : 0.100000**
**loss : 2.329290**
**msq : 0.015440**
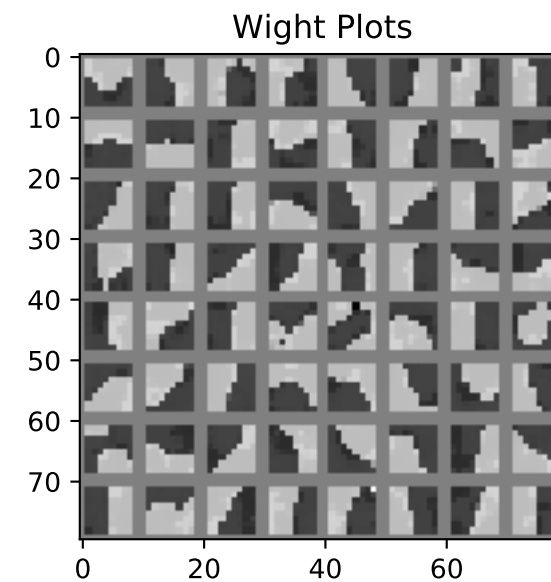**sparsity : 23.138496**
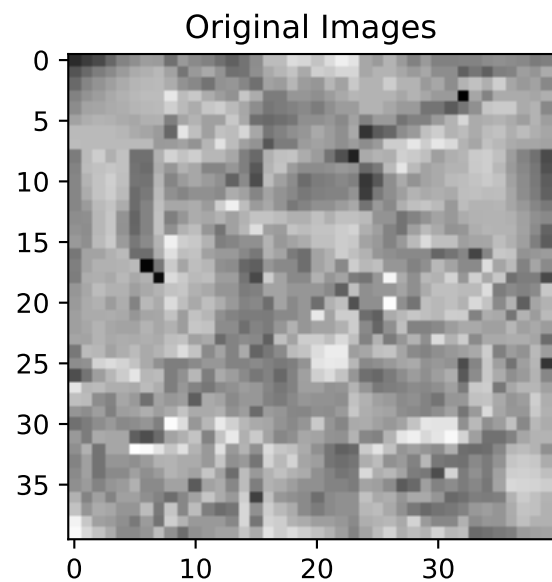


Original Images
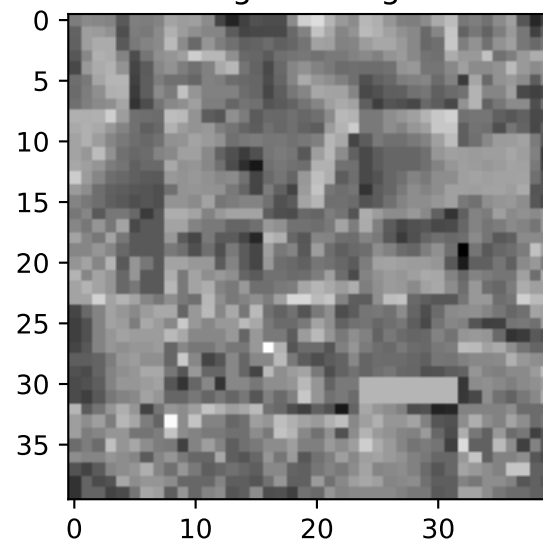


Reconstructed Images



Wight Plots

**Trained model : 240**

wscale : 0.010000
learn_rate : 5.000000
batch size : 3000
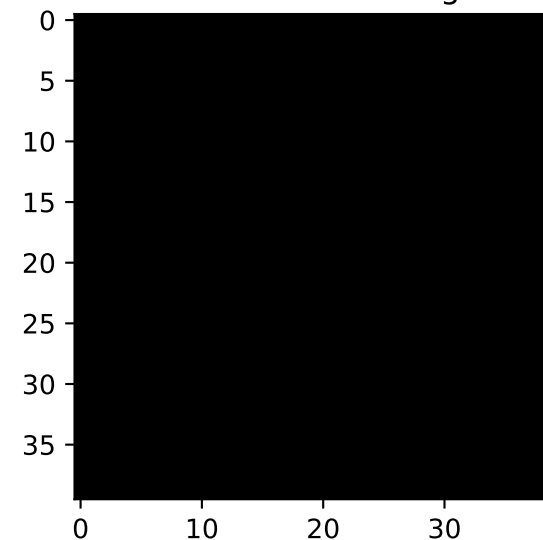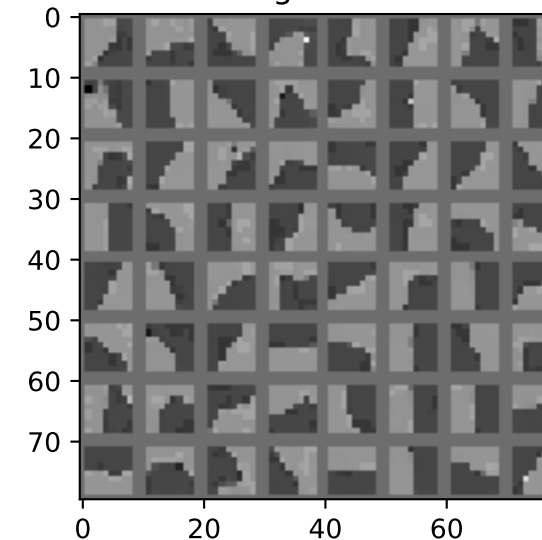beta : 1.000000
loss : 14.577028
msq : 0.015434
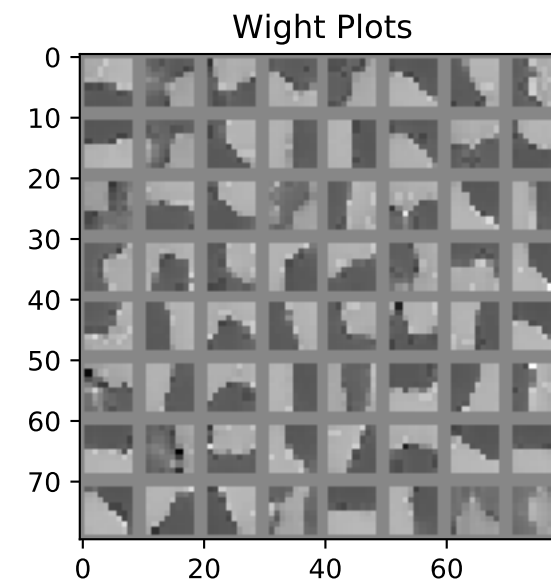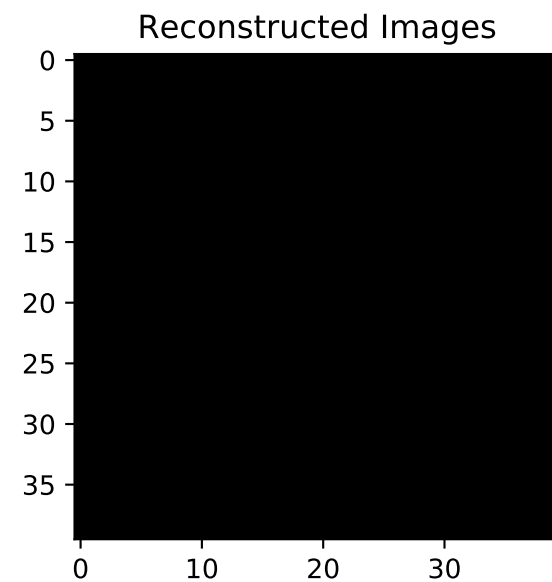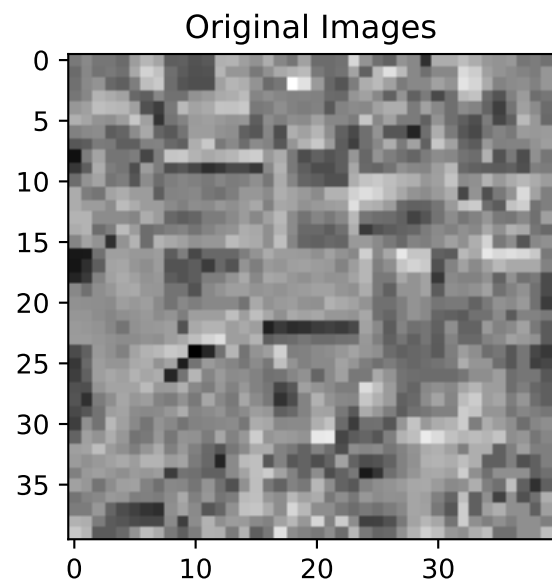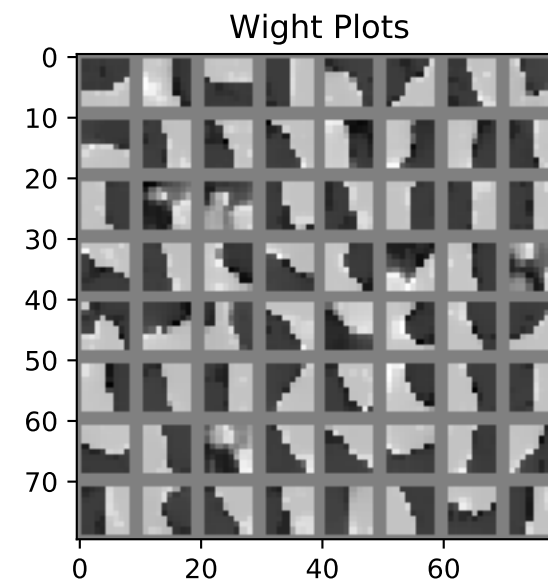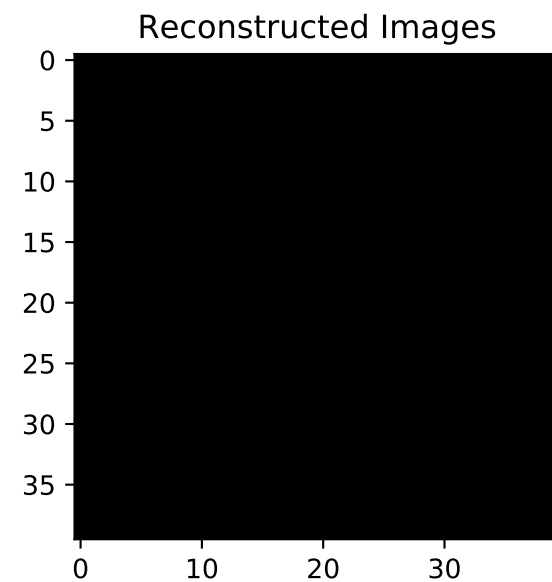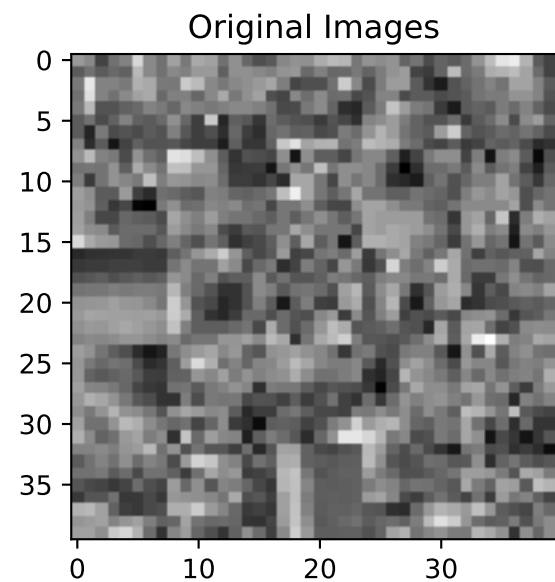sparsity : 14.561594



Original Images



Reconstructed Images



Wight Plots

**Trained model : 241**

---

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 0.000100**
**loss : 0.017922**
**msq : 0.015416**
**sparsity : 25.060318**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 242**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 0.001000**
**loss : 0.040487**
**msq : 0.015400**
**sparsity : 25.086973**



Original Images



Reconstructed Images
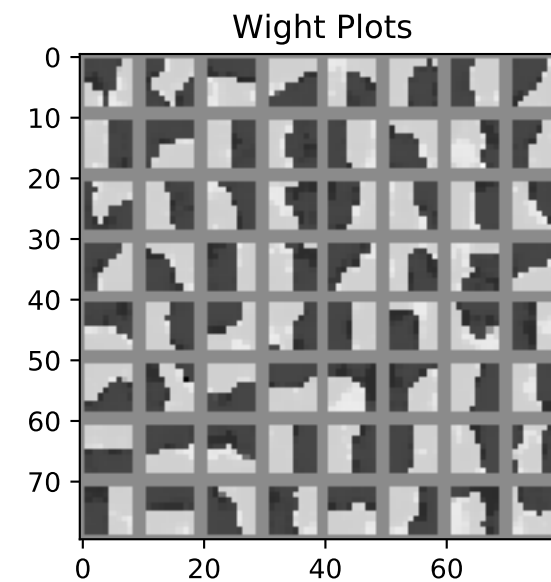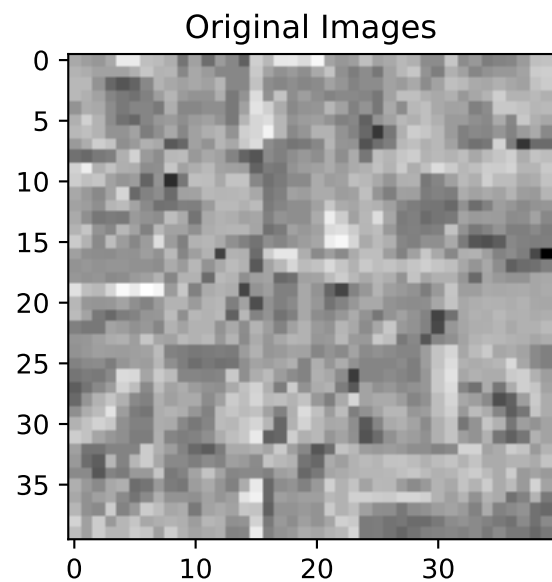


Wight Plots

**Trained model : 243**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 0.010000**
**loss : 0.261672**
**msq : 0.015422**
**sparsity : 24.624975**



Original Images
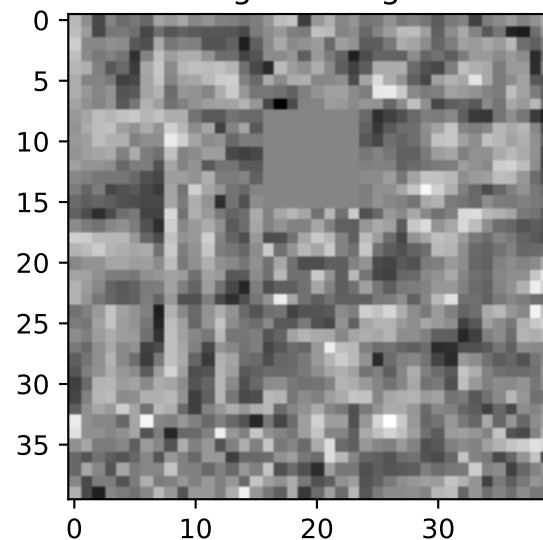


Reconstructed Images
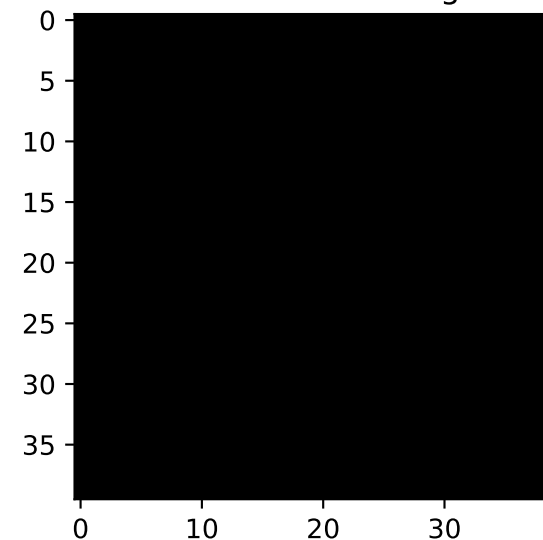


Wight Plots

**Trained model : 244**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 0.100000**
**loss : 2.364090**
**msq : 0.015415**
**sparsity : 23.486750**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 245**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 4000**
**beta : 1.000000**
**loss : 6.913783**
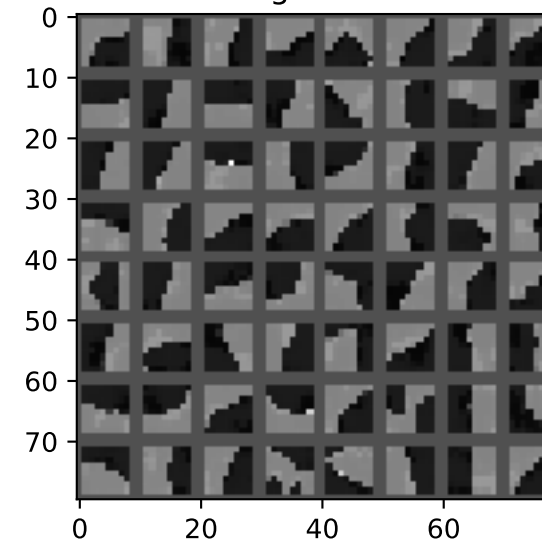**msq : 0.015378**
**sparsity : 6.898405**



Original Images

Reconstructed Images

Wight Plots

**Trained model : 246**

wscale : 0.010000
learn_rate : 5.000000
batch size : 5000
beta : 0.000100
loss : 0.017920
msq : 0.015422
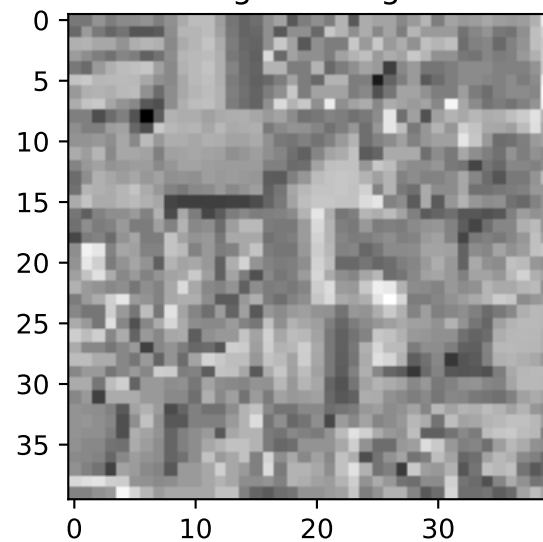sparsity : 24.984207
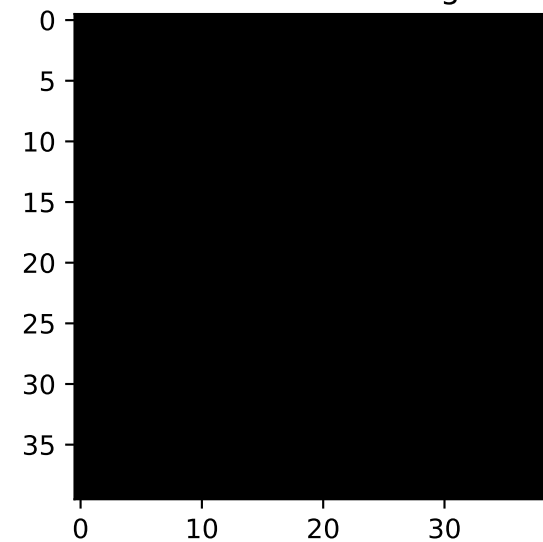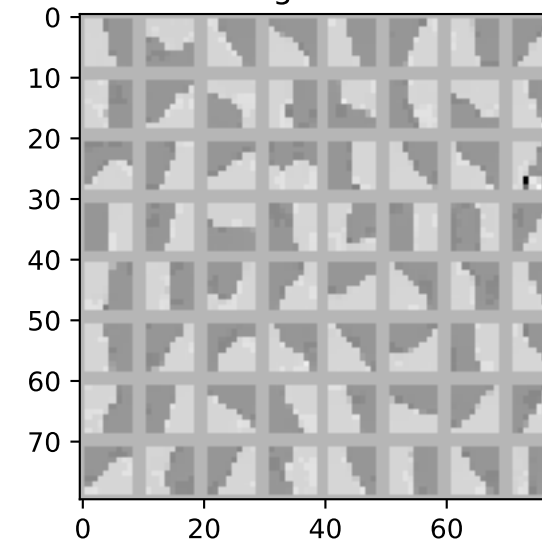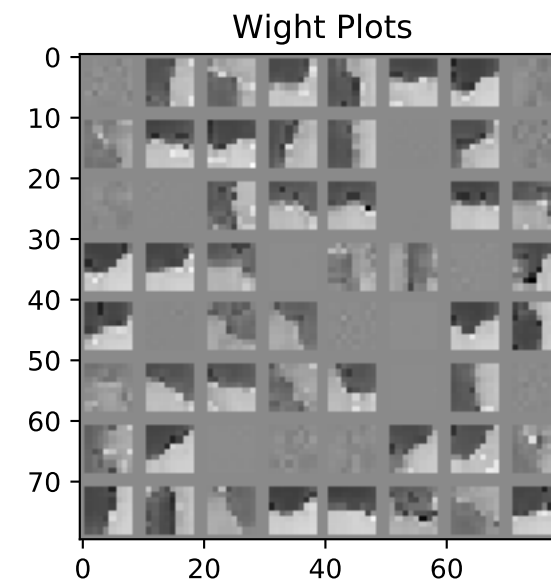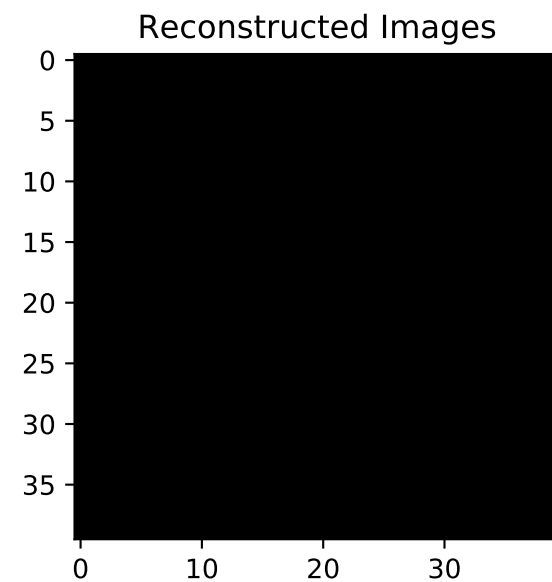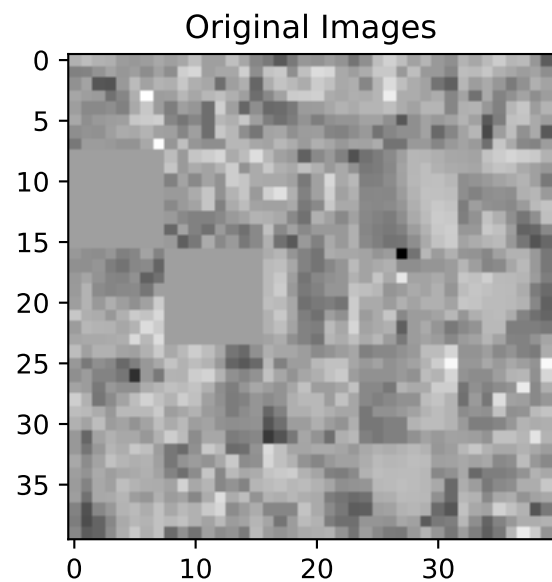


Original Images
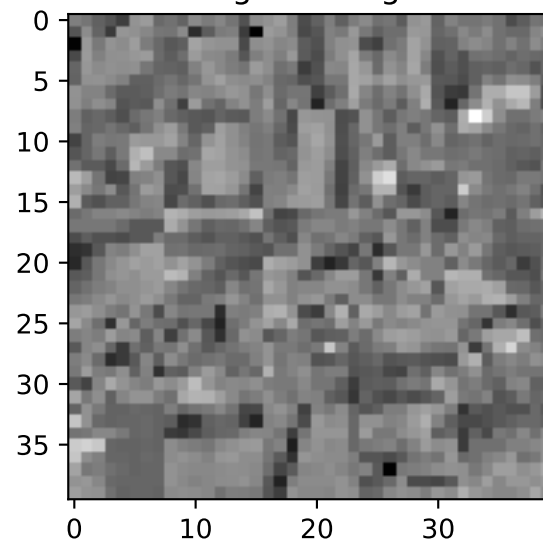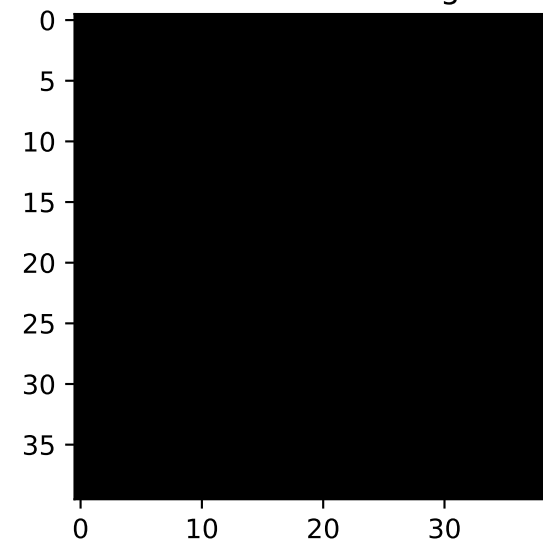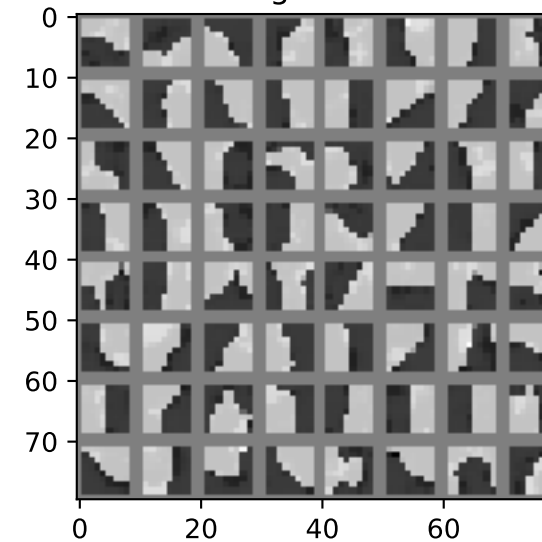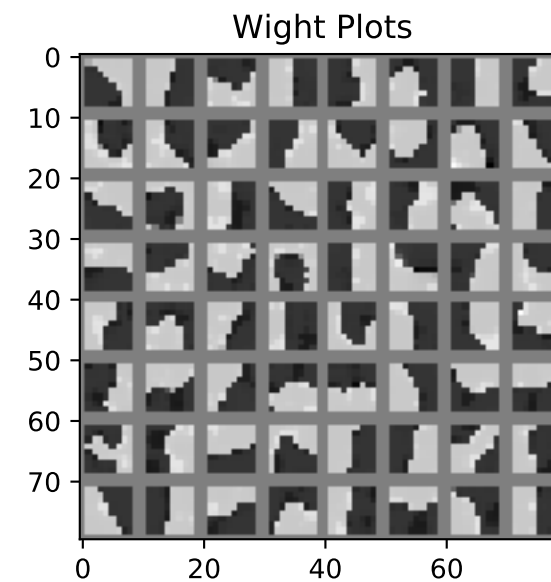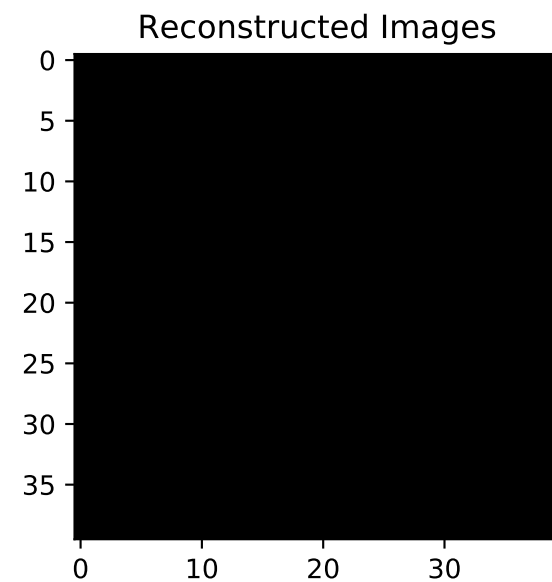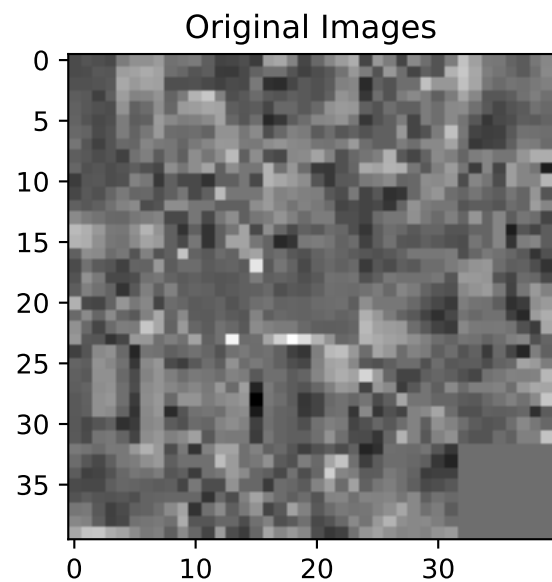


Reconstructed Images



Wight Plots

**Trained model : 247**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 5000**
**beta : 0.001000**
**loss : 0.040303**
**msq : 0.015394**
**sparsity : 24.909262**



Original Images



Reconstructed Images



Wight Plots

**Trained model : 248**

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**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 5000**
**beta : 0.010000**
**loss : 0.266814**
**msq : 0.015425**
**sparsity : 25.138945**



Original Images
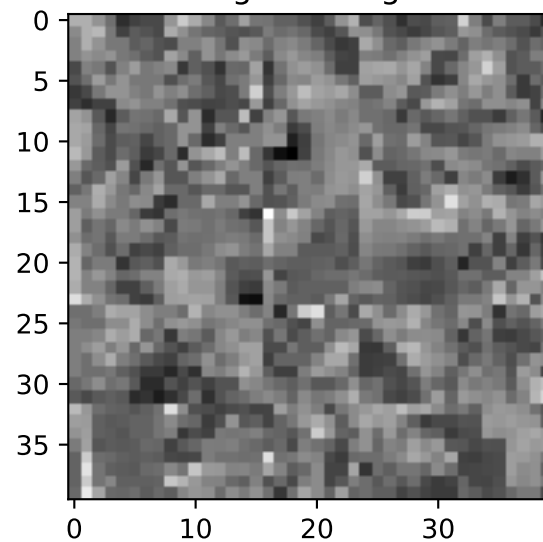


Reconstructed Images
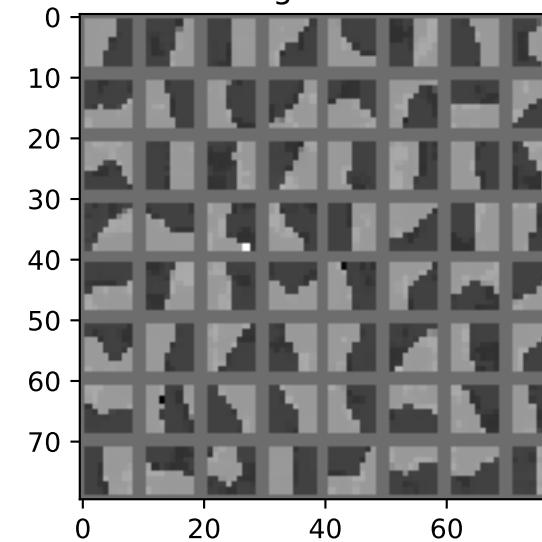


Wight Plots

**Trained model : 249**

_____

**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 5000**
**beta : 0.100000**
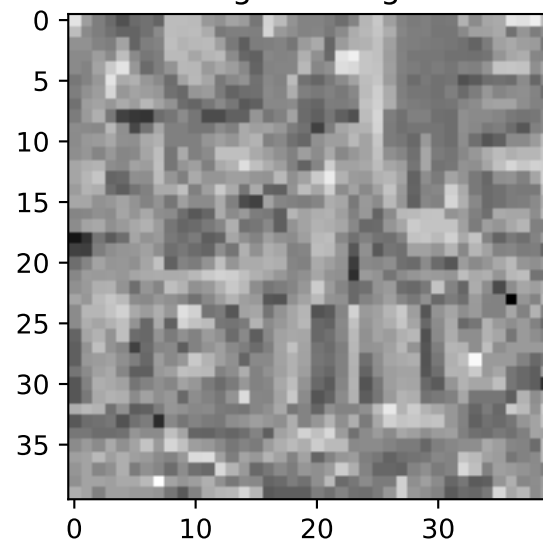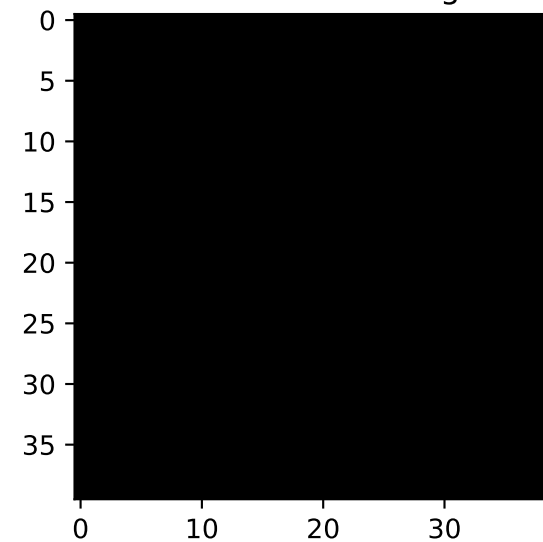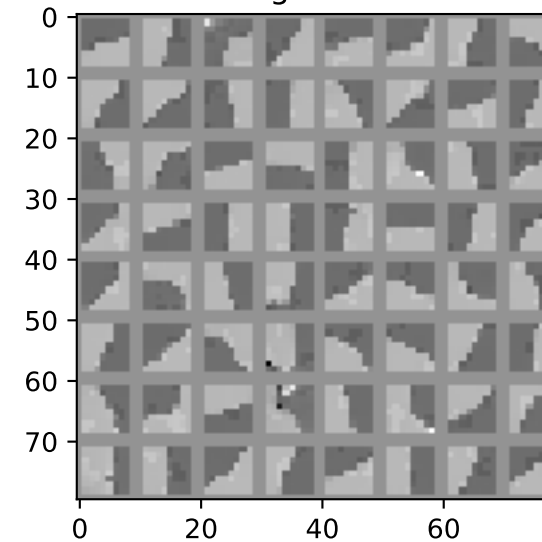**loss : 2.224716**
**msq : 0.015394**
**sparsity : 22.093227**

Original Images

Reconstructed Images

Wight Plots

**Trained model : 250**

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**wscale : 0.010000**
**learn_rate : 5.000000**
**batch size : 5000**
**beta : 1.000000**
**loss : 1.376101**
**msq : 0.015400**
**sparsity : 1.360702**

Original Images

Reconstructed Images

Wight Plots