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1 /usr/local/bin/python3.8 /Applications/PyCharm.app/Contents
  /plugins/python/helpers/pydev/pydevconsole.py --mode=client
  --port=64507
2
3 import sys; print('Python %s on %s' % (sys.version, sys.
  platform))
4 sys.path.extend(['/Users/Daantje/Sourcelcodes/bindsnet'])
5
6 PyDev console: starting.
7
8 Python 3.8.1 (v3.8.1:1b293b6006, Dec 18 2019, 14:08:53)
9 [Clang 6.0 (clang-600.0.57)] on darwin
10 >>> runfile('/Users/Daantje/Sourcelcodes/bindsnet/examples/
  mnist/supervised_mnist.py', args=['--time', '5', '--
  update_interval', '3', '--n_train', '100', '--n_neurons', '
  10', '--plot', '--directory', '/Users/Daantje/Sourcelcodes/
  plots/test_bindsnet'], wdir='/Users/Daantje/Sourcelcodes/
  bindsnet/examples/mnist')
11 Begin training.
12
13 Train progress: (3 / 100): 3it [00:02, 1.01s/it]
14 All activity accuracy: 0.00 (last), 0.00 (average), 0.00 (
  best)
15 Proportion weighting accuracy: 0.00 (last), 0.00 (average
  ), 0.00 (best)
16
17 Train progress: (6 / 100): 6it [00:05, 1.10it/s]
18 All activity accuracy: 33.33 (last), 16.67 (average), 33.33
  (best)
19 Proportion weighting accuracy: 0.00 (last), 0.00 (average
  ), 0.00 (best)
20
21 Train progress: (9 / 100): 9it [00:07, 1.17it/s]
22 All activity accuracy: 66.67 (last), 33.33 (average), 66.67
  (best)
23 Proportion weighting accuracy: 66.67 (last), 22.22 (average
  ), 66.67 (best)
24
25 Train progress: (12 / 100): 12it [00:10, 1.16it/s]
26 All activity accuracy: 66.67 (last), 41.67 (average), 66.67
  (best)
27 Proportion weighting accuracy: 100.00 (last), 41.67 (
  average), 100.00 (best)
28
29 Train progress: (15 / 100): 15it [00:13, 1.16it/s]
30 All activity accuracy: 66.67 (last), 46.67 (average), 66.67
  (best)
31 Proportion weighting accuracy: 66.67 (last), 46.67 (average
  ), 100.00 (best)
32
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33 Train progress: (18 / 100): 18it [00:15, 1.17it/s]
34 All activity accuracy: 66.67 (last), 50.00 (average), 66.67 (best)
35 Proportion weighting accuracy: 66.67 (last), 50.00 (average), 100.00 (best)
36
37 Train progress: (21 / 100): 21it [00:18, 1.18it/s]
38 All activity accuracy: 100.00 (last), 57.14 (average), 100.00 (best)
39 Proportion weighting accuracy: 100.00 (last), 57.14 (average), 100.00 (best)
40
41 Train progress: (24 / 100): 24it [00:20, 1.13it/s]
42 All activity accuracy: 100.00 (last), 62.50 (average), 100.00 (best)
43 Proportion weighting accuracy: 100.00 (last), 62.50 (average), 100.00 (best)
44
45 Train progress: (27 / 100): 27it [00:23, 1.13it/s]
46 All activity accuracy: 100.00 (last), 66.67 (average), 100.00 (best)
47 Proportion weighting accuracy: 100.00 (last), 66.67 (average), 100.00 (best)
48
49 Train progress: (30 / 100): 30it [00:26, 1.19it/s]
50 All activity accuracy: 100.00 (last), 70.00 (average), 100.00 (best)
51 Proportion weighting accuracy: 100.00 (last), 70.00 (average), 100.00 (best)
52
53 Train progress: (33 / 100): 33it [00:28, 1.25it/s]
54 All activity accuracy: 33.33 (last), 66.67 (average), 100.00 (best)
55 Proportion weighting accuracy: 33.33 (last), 66.67 (average), 100.00 (best)
56
57 Train progress: (36 / 100): 36it [00:30, 1.26it/s]
58 All activity accuracy: 100.00 (last), 69.44 (average), 100.00 (best)
59 Proportion weighting accuracy: 100.00 (last), 69.44 (average), 100.00 (best)
60
61 Train progress: (39 / 100): 39it [00:33, 1.28it/s]
62 All activity accuracy: 100.00 (last), 71.79 (average), 100.00 (best)
63 Proportion weighting accuracy: 100.00 (last), 71.79 (average), 100.00 (best)
64
65 Train progress: (42 / 100): 42it [00:35, 1.30it/s]
66 All activity accuracy: 100.00 (last), 73.81 (average), 100.00 (best)

66 00 (best)
67 Proportion weighting accuracy: 100.00 (last), 73.81 (average), 100.00 (best)
68
69 Train progress: (45 / 100): 45it [00:37, 1.30it/s]
70 All activity accuracy: 100.00 (last), 75.56 (average), 100.00 (best)
71 Proportion weighting accuracy: 100.00 (last), 75.56 (average), 100.00 (best)
72
73 Train progress: (48 / 100): 48it [00:39, 1.31it/s]
74 All activity accuracy: 100.00 (last), 77.08 (average), 100.00 (best)
75 Proportion weighting accuracy: 100.00 (last), 77.08 (average), 100.00 (best)
76
77 Train progress: (51 / 100): 51it [00:42, 1.31it/s]
78 All activity accuracy: 100.00 (last), 78.43 (average), 100.00 (best)
79 Proportion weighting accuracy: 100.00 (last), 78.43 (average), 100.00 (best)
80
81 Train progress: (54 / 100): 54it [00:44, 1.31it/s]
82 All activity accuracy: 100.00 (last), 79.63 (average), 100.00 (best)
83 Proportion weighting accuracy: 100.00 (last), 79.63 (average), 100.00 (best)
84
85 Train progress: (57 / 100): 57it [00:46, 1.31it/s]
86 All activity accuracy: 100.00 (last), 80.70 (average), 100.00 (best)
87 Proportion weighting accuracy: 100.00 (last), 80.70 (average), 100.00 (best)
88
89 Train progress: (60 / 100): 60it [00:49, 1.30it/s]
90 All activity accuracy: 100.00 (last), 81.67 (average), 100.00 (best)
91 Proportion weighting accuracy: 100.00 (last), 81.67 (average), 100.00 (best)
92
93 Train progress: (63 / 100): 63it [00:51, 1.31it/s]
94 All activity accuracy: 100.00 (last), 82.54 (average), 100.00 (best)
95 Proportion weighting accuracy: 100.00 (last), 82.54 (average), 100.00 (best)
96
97 Train progress: (66 / 100): 66it [00:53, 1.31it/s]
98 All activity accuracy: 100.00 (last), 83.33 (average), 100.00 (best)
99 Proportion weighting accuracy: 100.00 (last), 83.33 (

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99 average), 100.00 (best)
100
101 Train progress: (69 / 100): 69it [00:56, 1.31it/s]
102 All activity accuracy: 100.00 (last), 84.06 (average), 100
    .00 (best)
103 Proportion weighting accuracy: 100.00 (last), 84.06 (
    average), 100.00 (best)
104
105 Train progress: (72 / 100): 72it [00:58, 1.31it/s]
106 All activity accuracy: 100.00 (last), 84.72 (average), 100
    .00 (best)
107 Proportion weighting accuracy: 100.00 (last), 84.72 (
    average), 100.00 (best)
108
109 Train progress: (75 / 100): 75it [01:00, 1.31it/s]
110 All activity accuracy: 100.00 (last), 85.33 (average), 100
    .00 (best)
111 Proportion weighting accuracy: 100.00 (last), 85.33 (
    average), 100.00 (best)
112
113 Train progress: (78 / 100): 78it [01:03, 1.24it/s]
114 All activity accuracy: 100.00 (last), 85.90 (average), 100
    .00 (best)
115 Proportion weighting accuracy: 100.00 (last), 85.90 (
    average), 100.00 (best)
116
117 Train progress: (81 / 100): 81it [01:05, 1.18it/s]
118 All activity accuracy: 100.00 (last), 86.42 (average), 100
    .00 (best)
119 Proportion weighting accuracy: 100.00 (last), 86.42 (
    average), 100.00 (best)
120
121 Train progress: (84 / 100): 84it [01:08, 1.18it/s]
122 All activity accuracy: 100.00 (last), 86.90 (average), 100
    .00 (best)
123 Proportion weighting accuracy: 100.00 (last), 86.90 (
    average), 100.00 (best)
124
125 Train progress: (87 / 100): 87it [01:10, 1.18it/s]
126 All activity accuracy: 100.00 (last), 87.36 (average), 100
    .00 (best)
127 Proportion weighting accuracy: 100.00 (last), 87.36 (
    average), 100.00 (best)
128
129 Train progress: (90 / 100): 90it [01:13, 1.09it/s]
130 All activity accuracy: 100.00 (last), 87.78 (average), 100
    .00 (best)
131 Proportion weighting accuracy: 100.00 (last), 87.78 (
    average), 100.00 (best)
132
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133 Train progress: (93 / 100): 93it [01:16, 1.14it/s]
134 All activity accuracy: 100.00 (last), 88.17 (average), 100
    .00 (best)
135 Proportion weighting accuracy: 100.00 (last), 88.17 (
    average), 100.00 (best)
136
137 Train progress: (96 / 100): 96it [01:18, 1.17it/s]
138 All activity accuracy: 100.00 (last), 88.54 (average), 100
    .00 (best)
139 Proportion weighting accuracy: 100.00 (last), 88.54 (
    average), 100.00 (best)
140
141 Train progress: (99 / 100): 99it [01:21, 1.04it/s]
142 All activity accuracy: 100.00 (last), 88.89 (average), 100
    .00 (best)
143 Proportion weighting accuracy: 100.00 (last), 88.89 (
    average), 100.00 (best)
144
145 Train progress: (100 / 100): 101it [01:23, 1.06it/s]
    Progress: 100 / 100
146
147 Training complete.
148
149
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