The name of the dataset is D:\Python\_workspace\Klaus\_long2.avi

The data set is successfully opened

The value of PC\_VT\_INJECT\_ENERGY is 1

The value of PC\_DIM\_XY is 10

The vaule of PC\_DIM\_TH is 1

The value of PC\_W\_E&I\_DIM is 5

The vaule of EXP\_DELTA\_PC\_THRESHOLD is 1.5

The value of VT\_MATCH\_THRESHOLD is 840000.0

The value of FOV\_DEG is 60

The value of VTRANS\_SCALE is 100

The quantization on img is 8

The simulation is started at 02/20/19 09:46:29

over

The counter is 1

The maximum pc value is 0.224

-----------------------------------------------------------

The current number of the iteration is 100

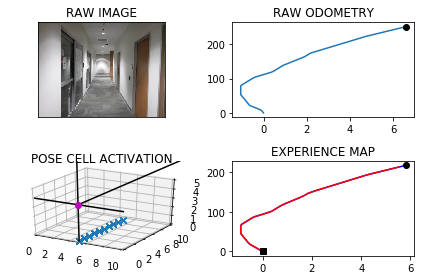
0.311000108719 seconds are elapsed per 100 frames.

The number of units of the VT is 46

The number of units of the experience map is 46

02/20/19 09:46:29

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The current number of the iteration is 200

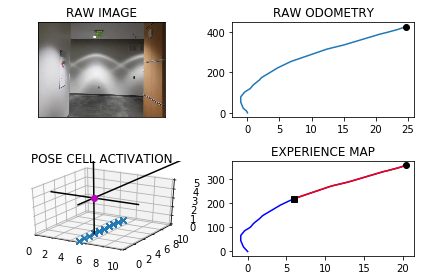
0.822999954224 seconds are elapsed per 100 frames.

The number of units of the VT is 93

The number of units of the experience map is 93

02/20/19 09:46:30

-----------------------------------------------------------



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The current number of the iteration is 300

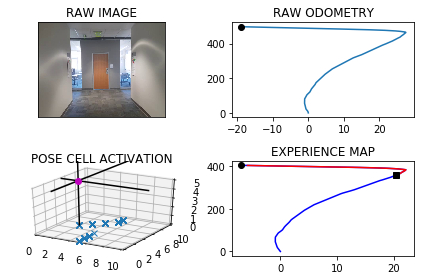
1.00600004196 seconds are elapsed per 100 frames.

The number of units of the VT is 124

The number of units of the experience map is 124

02/20/19 09:46:31

-----------------------------------------------------------



-----------------------------------------------------------

The current number of the iteration is 400

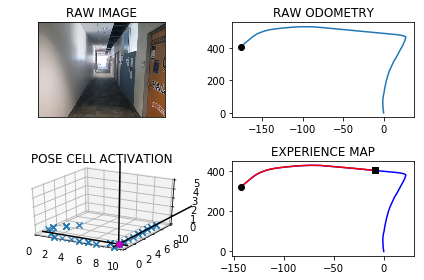
1.10700011253 seconds are elapsed per 100 frames.

The number of units of the VT is 179

The number of units of the experience map is 179

02/20/19 09:46:32

-----------------------------------------------------------



over

over

-----------------------------------------------------------

The current number of the iteration is 500

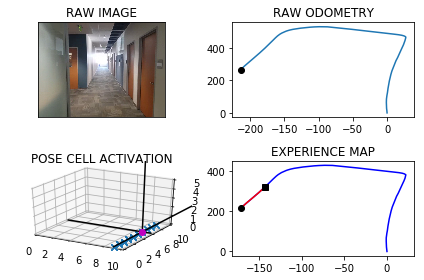
1.19400000572 seconds are elapsed per 100 frames.

The number of units of the VT is 223

The number of units of the experience map is 223

02/20/19 09:46:33

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The current number of the iteration is 600

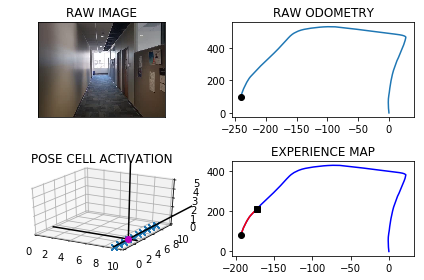
1.32699990273 seconds are elapsed per 100 frames.

The number of units of the VT is 263

The number of units of the experience map is 263

02/20/19 09:46:34

-----------------------------------------------------------



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The current number of the iteration is 700

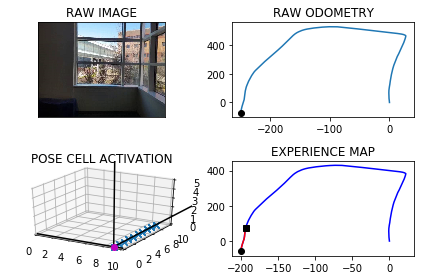
1.40999984741 seconds are elapsed per 100 frames.

The number of units of the VT is 308

The number of units of the experience map is 308

02/20/19 09:46:36

-----------------------------------------------------------



The counter is 734

The angle is reset to 49.725000000000215

Energy injection at [1, 7]

min\_delta\_val

1.4142135623730951

e\_pc 2 8

current pc 1 7

loop closure

max\_exp 1

-----------------------------------------------------------

The current number of the iteration is 800

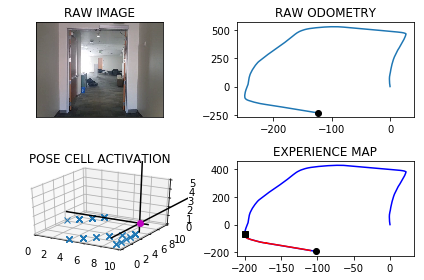
1.6890001297 seconds are elapsed per 100 frames.

The number of units of the VT is 348

The number of units of the experience map is 349

02/20/19 09:46:38

-----------------------------------------------------------



-----------------------------------------------------------

The current number of the iteration is 900

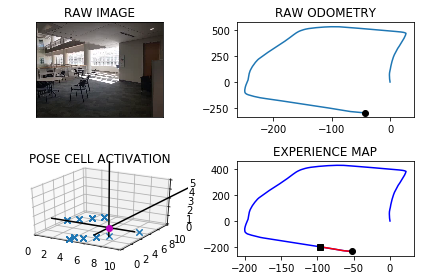
1.64199995995 seconds are elapsed per 100 frames.

The number of units of the VT is 377

The number of units of the experience map is 378

02/20/19 09:46:39

-----------------------------------------------------------



-----------------------------------------------------------

The current number of the iteration is 1000

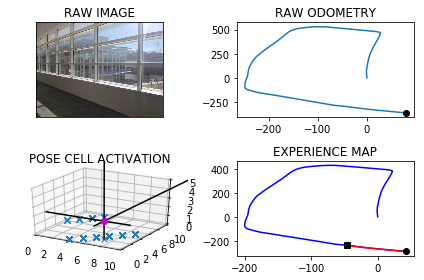
1.80599999428 seconds are elapsed per 100 frames.

The number of units of the VT is 403

The number of units of the experience map is 404

02/20/19 09:46:41

-----------------------------------------------------------



The counter is 1009

The angle is reset to 81.23250000000016

Energy injection at [7, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 8 2

loop closure

max\_exp 2

The counter is 1010

The angle is reset to 70.3627500000001

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 6 2

loop closure

-----------------------------------------------------------

The current number of the iteration is 1100

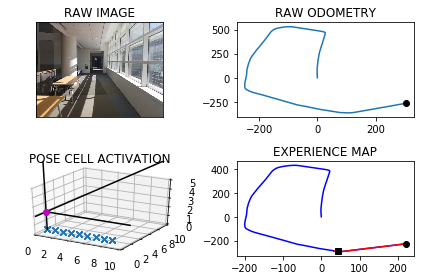
2.39400005341 seconds are elapsed per 100 frames.

The number of units of the VT is 444

The number of units of the experience map is 446

02/20/19 09:46:43

-----------------------------------------------------------



over

over

The counter is 1184

The angle is reset to 106.17892500000008

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

over

over

-----------------------------------------------------------

The current number of the iteration is 1200

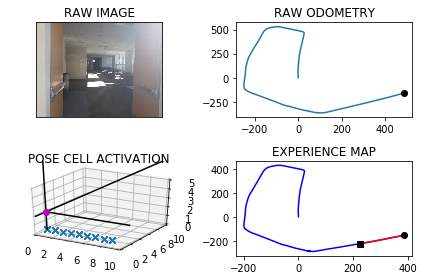
2.26499986649 seconds are elapsed per 100 frames.

The number of units of the VT is 491

The number of units of the experience map is 493

02/20/19 09:46:46

-----------------------------------------------------------



over

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The current number of the iteration is 1300

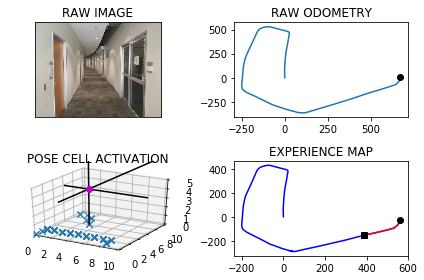
2.08500003815 seconds are elapsed per 100 frames.

The number of units of the VT is 532

The number of units of the experience map is 534

02/20/19 09:46:48

-----------------------------------------------------------



The counter is 1387

The angle is reset to 171.37524750000009

Energy injection at [3, 2]

The counter is 1388

The angle is reset to 174.48767325000006

Energy injection at [3, 8]

The counter is 1389

The angle is reset to 176.66637127500005

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

loop closure

The counter is 1390

The angle is reset to 177.66645989250003

Energy injection at [3, 1]

counter 1392

multiple peak # >2

[3L, 3L, 3L, 3L] [1L, 2L, 7L, 8L]

counter 1393

multiple peak # >2

[3L, 3L, 3L, 3L] [1L, 2L, 7L, 8L]

counter 1394

multiple peak # >2

[3L, 3L, 3L, 3L] [1L, 2L, 7L, 8L]

counter 1395

multiple peak # >2

[3L, 3L, 3L, 3L] [1L, 2L, 7L, 8L]

counter 1396

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 1L, 6L, 7L]

counter 1397

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 1L, 6L, 7L]

counter 1398

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 1L, 6L, 7L]

counter 1399

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 1L, 6L, 7L]

counter 1400

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 1L, 6L, 7L]

-----------------------------------------------------------

The current number of the iteration is 1400

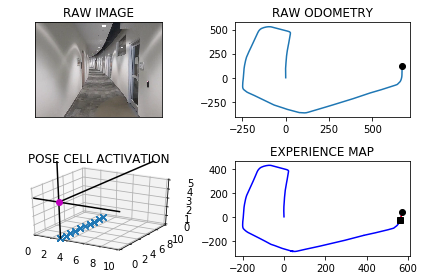
2.6289999485 seconds are elapsed per 100 frames.

The number of units of the VT is 574

The number of units of the experience map is 579

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counter 1401

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 1L, 6L, 7L]

counter 1402

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 1L, 6L, 7L]

counter 1403

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 5L, 6L, 9L]

counter 1404

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 5L, 6L, 9L]

counter 1405

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 5L, 6L, 9L]

counter 1406

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 5L, 6L, 9L]

counter 1407

multiple peak # >2

[3L, 3L, 3L, 3L] [4L, 5L, 8L, 9L]

counter 1408

multiple peak # >2

[3L, 3L, 3L, 3L] [4L, 5L, 8L, 9L]

counter 1409

multiple peak # >2

[3L, 3L, 3L, 3L] [4L, 5L, 8L, 9L]

The counter is 1410

The angle is reset to 177.31652192475

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

loop closure

The counter is 1420

The angle is reset to 178.12156534732497

Energy injection at [3, 1]

-----------------------------------------------------------

The current number of the iteration is 1500

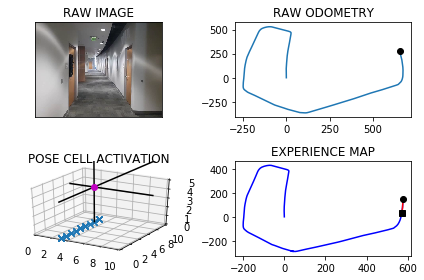
3.00800013542 seconds are elapsed per 100 frames.

The number of units of the VT is 616

The number of units of the experience map is 624

02/20/19 09:46:53

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The current number of the iteration is 1600

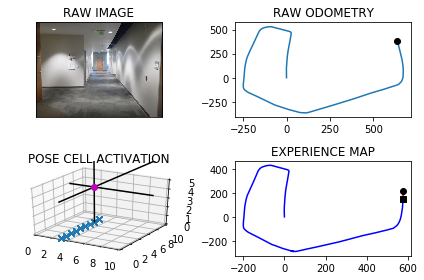
2.70600008965 seconds are elapsed per 100 frames.

The number of units of the VT is 660

The number of units of the experience map is 669

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-----------------------------------------------------------



The counter is 1671

The angle is reset to 198.4850957431275

Energy injection at [3, 6]

The counter is 1672

The angle is reset to 206.43956702018926

Energy injection at [3, 6]

The counter is 1672

The maximum pc value is 0.24

The counter is 1673

The angle is reset to 212.53269691413246

Energy injection at [3, 6]

The counter is 1673

The maximum pc value is 0.256

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 1681

The angle is reset to 214.6978878398927

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 1682

The angle is reset to 217.7885214879249

Energy injection at [3, 6]

The counter is 1683

The angle is reset to 219.9519650415474

Energy injection at [3, 6]

The counter is 1684

The angle is reset to 221.4663755290832

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 1685

The angle is reset to 222.52646287035824

Energy injection at [3, 6]

The counter is 1686

The angle is reset to 223.26852400925074

Energy injection at [3, 6]

The counter is 1687

The angle is reset to 223.78796680647554

Energy injection at [3, 6]

The counter is 1688

The angle is reset to 224.15157676453285

Energy injection at [3, 6]

The counter is 1689

The angle is reset to 224.40610373517302

Energy injection at [3, 6]

-----------------------------------------------------------

The current number of the iteration is 1700

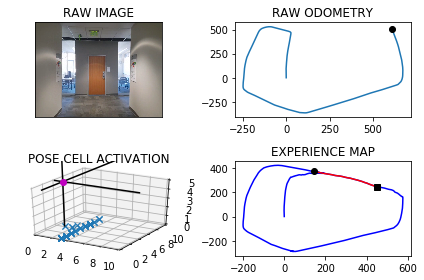
3.78299999237 seconds are elapsed per 100 frames.

The number of units of the VT is 687

The number of units of the experience map is 698

02/20/19 09:47:00

-----------------------------------------------------------



The counter is 1701

The angle is reset to 225.6342726146211

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 1702

The angle is reset to 224.91899083023478

Energy injection at [1, 4]

The counter is 1703

The angle is reset to 224.94329358116434

Energy injection at [1, 4]

The counter is 1711

The angle is reset to 227.58530550681502

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 1712

The angle is reset to 226.8097138547705

Energy injection at [0, 3]

The counter is 1713

The angle is reset to 226.26679969833936

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 1714

The angle is reset to 225.88675978883757

Energy injection at [0, 3]

The counter is 1716

The angle is reset to 225.62073185218628

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 9 2

loop closure

The counter is 1717

The angle is reset to 225.4345122965304

Energy injection at [9, 2]

The counter is 1718

The angle is reset to 225.30415860757128

Energy injection at [9, 2]

The counter is 1719

The angle is reset to 225.73791102529987

Energy injection at [9, 2]

The counter is 1720

The angle is reset to 225.51653771770992

Energy injection at [9, 2]

The counter is 1721

The angle is reset to 225.88657640239694

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 1722

The angle is reset to 225.62060348167785

Energy injection at [8, 1]

The counter is 1723

The angle is reset to 225.43442243717445

Energy injection at [8, 1]

The counter is 1724

The angle is reset to 225.3040957060221

Energy injection at [8, 1]

The counter is 1725

The angle is reset to 225.21286699421546

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

The counter is 1726

The angle is reset to 224.62400689595083

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

The counter is 1727

The angle is reset to 224.73680482716557

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 1728

The angle is reset to 224.8157633790159

Energy injection at [8, 1]

The counter is 1729

The angle is reset to 224.87103436531112

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 1730

The angle is reset to 224.90972405571776

Energy injection at [8, 1]

The counter is 1731

The angle is reset to 225.4618068390024

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 1734

The angle is reset to 240.39826478730168

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 7 0

loop closure

over

The counter is 1769

The angle is reset to 338.7537853511112

Energy injection at [9, 6]

-----------------------------------------------------------

The current number of the iteration is 1800

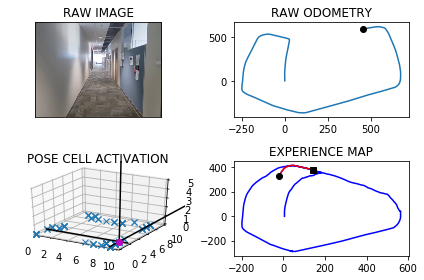
7.47200012207 seconds are elapsed per 100 frames.

The number of units of the VT is 729

The number of units of the experience map is 742

02/20/19 09:47:07

-----------------------------------------------------------



The counter is 1826

The angle is reset to 344.60264974577785

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 1827

The angle is reset to 349.2218548220445

Energy injection at [9, 6]

The counter is 1828

The angle is reset to 352.4552983754312

Energy injection at [9, 6]

The counter is 1830

The angle is reset to 355.7687088628018

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 1849

The angle is reset to 357.5630962039612

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 1850

The angle is reset to 358.2941673427728

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 1851

The angle is reset to 358.805917139941

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 1852

The angle is reset to 359.16414199795867

Energy injection at [9, 0]

The counter is 1853

The angle is reset to 359.41489939857104

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 1854

The angle is reset to 359.5904295789997

Energy injection at [9, 0]

The counter is 1855

The angle is reset to 359.7133007052998

Energy injection at [9, 0]

The counter is 1856

The angle is reset to 359.7993104937098

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 1857

The angle is reset to 359.8595173455969

Energy injection at [9, 1]

The counter is 1858

The angle is reset to 359.90166214191777

Energy injection at [9, 1]

The counter is 1859

The angle is reset to 359.93116349934246

Energy injection at [9, 1]

The counter is 1860

The angle is reset to 359.9518144495397

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 1861

The angle is reset to 359.9662701146778

Energy injection at [9, 1]

The counter is 1862

The angle is reset to 359.97638908027443

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 1863

The angle is reset to 359.98347235619207

Energy injection at [9, 1]

The counter is 1864

The angle is reset to 359.9884306493345

Energy injection at [9, 1]

The counter is 1865

The angle is reset to 359.9919014545341

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 1866

The angle is reset to 359.99433101817385

Energy injection at [9, 2]

The counter is 1867

The angle is reset to 359.9960317127217

Energy injection at [9, 2]

The counter is 1868

The angle is reset to 359.9972221989051

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 1869

The angle is reset to 359.4730555392336

Energy injection at [9, 2]

The counter is 1870

The angle is reset to 359.63113887746346

Energy injection at [9, 2]

The counter is 1871

The angle is reset to 359.7417972142244

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 1875

The angle is reset to 359.8192580499571

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 1878

The angle is reset to 359.87348063496995

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 1879

The angle is reset to 359.9114364444789

Energy injection at [9, 4]

The counter is 1880

The angle is reset to 359.9380055111352

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 1882

The angle is reset to 359.9566038577946

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

loop closure

The counter is 1883

The angle is reset to 359.96962270045617

Energy injection at [9, 5]

The counter is 1884

The angle is reset to 359.9787358903193

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 1886

The angle is reset to 359.9851151232235

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 1887

The angle is reset to 359.98958058625647

Energy injection at [9, 6]

The counter is 1890

The angle is reset to 0.5177064103795165

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 1891

The angle is reset to 0.36239448726566154

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 1892

The angle is reset to 0.253676141085963

Energy injection at [9, 6]

The counter is 1893

The angle is reset to 0.17757329876017408

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 1894

The angle is reset to 0.12430130913212185

Energy injection at [9, 7]

The counter is 1895

The angle is reset to 0.0870109163924853

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 1897

The angle is reset to 0.0609076414747397

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

-----------------------------------------------------------

The current number of the iteration is 1900

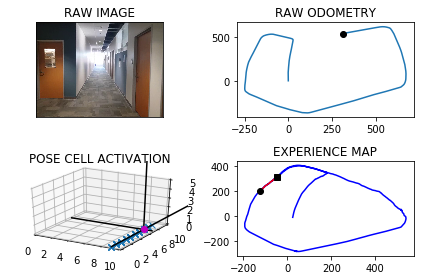
14.4990000725 seconds are elapsed per 100 frames.

The number of units of the VT is 758

The number of units of the experience map is 772

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The counter is 1903

The angle is reset to 0.04263534903231778

Energy injection at [9, 9]

The counter is 1904

The angle is reset to 359.50484474432255

Energy injection at [9, 9]

The counter is 1905

The angle is reset to 359.65339132102577

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 1906

The angle is reset to 359.757373924718

Energy injection at [9, 9]

The counter is 1907

The angle is reset to 359.8301617473026

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 1908

The angle is reset to 359.88111322311175

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 1910

The angle is reset to 0.9667792561782595

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

loop closure

The counter is 1911

The angle is reset to 1.2017454793247815

Energy injection at [9, 0]

The counter is 1912

The angle is reset to 1.366221835527347

Energy injection at [9, 0]

The counter is 1913

The angle is reset to 0.9563552848691428

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 1914

The angle is reset to 0.6694486994083999

Energy injection at [9, 0]

The counter is 1915

The angle is reset to 0.46861408958587997

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 1916

The angle is reset to 0.32802986271011597

Energy injection at [9, 1]

The counter is 1917

The angle is reset to 0.22962090389708117

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 1918

The angle is reset to 0.1607346327279568

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 1919

The angle is reset to 0.11251424290956974

Energy injection at [9, 2]

The counter is 1920

The angle is reset to 0.07875997003669882

Energy injection at [9, 2]

The counter is 1921

The angle is reset to 0.055131979025689164

Energy injection at [9, 2]

The counter is 1922

The angle is reset to 0.03859238531798241

Energy injection at [9, 2]

The counter is 1926

The angle is reset to 0.027014669722587686

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 1927

The angle is reset to 0.01891026880581138

Energy injection at [9, 3]

The counter is 1931

The angle is reset to 0.013237188164067965

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 1937

The angle is reset to 2.1092660317148475

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 1938

The angle is reset to 1.476486222200393

Energy injection at [9, 5]

The counter is 1939

The angle is reset to 1.0335403555402751

Energy injection at [9, 5]

The counter is 1940

The angle is reset to 0.7234782488781926

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

The counter is 1941

The angle is reset to 0.5064347742147347

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

The counter is 1942

The angle is reset to 0.3545043419503143

Energy injection at [9, 6]

The counter is 1943

The angle is reset to 0.24815303936521999

Energy injection at [9, 6]

The counter is 1944

The angle is reset to 0.173707127555654

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 1945

The angle is reset to 0.12159498928895779

Energy injection at [9, 7]

The counter is 1946

The angle is reset to 0.08511649250227046

Energy injection at [9, 7]

The counter is 1947

The angle is reset to 0.05958154475158931

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 1948

The angle is reset to 0.04170708132611252

Energy injection at [9, 7]

The counter is 1949

The angle is reset to 0.02919495692827876

Energy injection at [9, 7]

The counter is 1951

The angle is reset to 0.02043646984979513

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 1952

The angle is reset to 0.01430552889485659

Energy injection at [9, 8]

The counter is 1953

The angle is reset to 0.010013870226399612

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

The counter is 1954

The angle is reset to 0.007009709158479729

Energy injection at [9, 9]

The counter is 1955

The angle is reset to 0.00490679641093581

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 1956

The angle is reset to 0.0034347574876550666

Energy injection at [9, 9]

The counter is 1957

The angle is reset to 0.0024043302413585465

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 0

The counter is 1958

The angle is reset to 0.001683031168950982

Energy injection at [9, 9]

The counter is 1959

The angle is reset to 0.0011781218182656875

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 1960

The angle is reset to 0.0008246852727859811

Energy injection at [9, 9]

The counter is 1963

The angle is reset to 0.0005772796909501867

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 1971

The angle is reset to 0.5254040957836651

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 1972

The angle is reset to 0.36778286704856555

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

The counter is 1973

The angle is reset to 0.25744800693399583

Energy injection at [9, 2]

The counter is 1976

The angle is reset to 0.18021360485379712

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 1977

The angle is reset to 0.12614952339765798

Energy injection at [9, 2]

The counter is 1978

The angle is reset to 0.08830466637836057

Energy injection at [9, 2]

The counter is 1979

The angle is reset to 0.0618132664648524

Energy injection at [9, 2]

The counter is 1980

The angle is reset to 0.5682692865253967

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 1981

The angle is reset to 0.9227885005677776

Energy injection at [9, 3]

The counter is 1984

The angle is reset to 0.6459519503974444

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

loop closure

The counter is 1985

The angle is reset to 0.45216636527821097

Energy injection at [9, 3]

The counter is 1986

The angle is reset to 359.7915164556947

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 1987

The angle is reset to 359.8540615189863

Energy injection at [9, 4]

The counter is 1988

The angle is reset to 359.89784306329034

Energy injection at [9, 4]

The counter is 1989

The angle is reset to 359.9284901443033

Energy injection at [9, 4]

The counter is 1990

The angle is reset to 359.94994310101225

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

The counter is 1991

The angle is reset to 0.4899601707086032

Energy injection at [9, 5]

The counter is 1992

The angle is reset to 0.34297211949602224

Energy injection at [9, 5]

The counter is 1993

The angle is reset to 0.7650804836472155

Energy injection at [9, 5]

The counter is 1994

The angle is reset to 0.5355563385530507

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 1995

The angle is reset to 0.3748894369871355

Energy injection at [9, 5]

The counter is 1996

The angle is reset to 0.26242260589099486

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

The counter is 1997

The angle is reset to 0.1836958241236964

Energy injection at [9, 6]

The counter is 1998

The angle is reset to 0.12858707688658746

Energy injection at [9, 6]

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The current number of the iteration is 2000

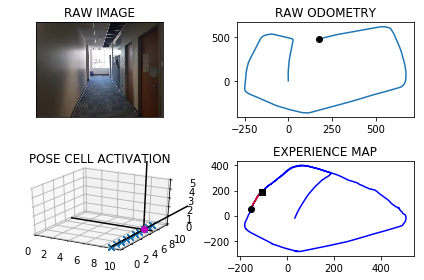
18.4049999714 seconds are elapsed per 100 frames.

The number of units of the VT is 773

The number of units of the experience map is 788

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The counter is 2003

The angle is reset to 0.09001095382061121

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 2009

The angle is reset to 0.06300766767442785

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 2010

The angle is reset to 0.0441053673720995

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

The counter is 2011

The angle is reset to 0.030873757160469643

Energy injection at [9, 8]

The counter is 2012

The angle is reset to 0.021611630012328745

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 2013

The angle is reset to 0.015128141008630122

Energy injection at [9, 9]

The counter is 2014

The angle is reset to 0.5355896987060409

Energy injection at [9, 9]

The counter is 2015

The angle is reset to 0.3749127890942287

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 2016

The angle is reset to 0.26243895236596004

Energy injection at [9, 9]

The counter is 2017

The angle is reset to 0.183707266656172

Energy injection at [9, 9]

The counter is 2018

The angle is reset to 0.1285950866593204

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 2019

The angle is reset to 0.09001656066152429

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 2020

The angle is reset to 0.063011592463067

Energy injection at [9, 0]

The counter is 2021

The angle is reset to 359.51910811472413

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

loop closure

The counter is 2022

The angle is reset to 359.66337568030684

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 2023

The angle is reset to 359.7643629762148

Energy injection at [9, 0]

The counter is 2024

The angle is reset to 359.8350540833503

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

loop closure

max\_exp 3

The counter is 2025

The angle is reset to 359.8845378583452

Energy injection at [9, 1]

The counter is 2026

The angle is reset to 359.9191765008416

Energy injection at [9, 1]

The counter is 2027

The angle is reset to 359.94342355058916

Energy injection at [9, 1]

The counter is 2028

The angle is reset to 359.9603964854124

Energy injection at [9, 1]

The counter is 2030

The angle is reset to 359.9722775397887

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

The counter is 2031

The angle is reset to 359.98059427785205

Energy injection at [9, 2]

The counter is 2033

The angle is reset to 359.9864159944964

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 2034

The angle is reset to 359.99049119614745

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 2035

The angle is reset to 359.99334383730314

Energy injection at [9, 3]

The counter is 2037

The angle is reset to 0.5203406861122218

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 4

loop closure

The counter is 2038

The angle is reset to 0.8892384802785551

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 2039

The angle is reset to 1.1474669361949885

Energy injection at [9, 3]

The counter is 2042

The angle is reset to 0.27822685533649194

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 2043

The angle is reset to 359.66975879873553

Energy injection at [9, 4]

The counter is 2044

The angle is reset to 359.7688311591149

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

The counter is 2045

The angle is reset to 359.83818181138037

Energy injection at [9, 4]

The counter is 2055

The angle is reset to 0.41172726796627035

Energy injection at [9, 7]

The counter is 2074

The angle is reset to 359.76320908757634

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 0

loop closure

The counter is 2077

The angle is reset to 359.8342463613034

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 2078

The angle is reset to 359.8839724529124

Energy injection at [9, 9]

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The current number of the iteration is 2100

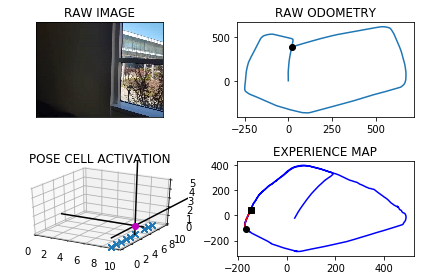
13.1750001907 seconds are elapsed per 100 frames.

The number of units of the VT is 807

The number of units of the experience map is 823

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The counter is 2102

The angle is reset to 41.243780717038675

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 2103

The angle is reset to 36.59564650192708

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 2104

The angle is reset to 39.11695255134895

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 0 5

The counter is 2105

The angle is reset to 40.88186678594426

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 0 5

The counter is 2106

The angle is reset to 35.29230675016098

Energy injection at [9, 5]

The counter is 2107

The angle is reset to 38.20461472511268

Energy injection at [9, 5]

min\_delta\_val

1.4142135623730951

e\_pc 9 5

current pc 0 6

The counter is 2108

The angle is reset to 43.91823030757888

Energy injection at [9, 5]

The counter is 2109

The angle is reset to 44.24276121530521

Energy injection at [0, 6]

The counter is 2111

The angle is reset to 47.61993285071365

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

loop closure

The counter is 2112

The angle is reset to 48.93395299549955

Energy injection at [1, 7]

The counter is 2113

The angle is reset to 49.32876709684968

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 2 7

The counter is 2114

The angle is reset to 49.08013696779478

Energy injection at [1, 7]

The counter is 2137

The angle is reset to 48.38109587745634

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 2140

The angle is reset to 47.366767114219435

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 2145

The angle is reset to 46.1317369799536

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 2146

The angle is reset to 45.79221588596752

Energy injection at [2, 8]

The counter is 2147

The angle is reset to 45.554551120177265

Energy injection at [2, 8]

The counter is 2148

The angle is reset to 45.38818578412408

Energy injection at [2, 8]

The counter is 2149

The angle is reset to 45.27173004888685

Energy injection at [3, 9]

min\_delta\_val

1.4142135623730951

e\_pc 3 9

current pc 2 8

The counter is 2154

The angle is reset to 44.1402110342208

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

The counter is 2155

The angle is reset to 44.39814772395455

Energy injection at [4, 0]

The counter is 2165

The angle is reset to 46.678703406768186

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 1

loop closure

The counter is 2169

The angle is reset to 46.700092384737715

Energy injection at [6, 2]

The counter is 2170

The angle is reset to 46.715064669316405

Energy injection at [6, 2]

min\_delta\_val

1.4142135623730951

e\_pc 7 3

current pc 6 2

loop closure

The counter is 2171

The angle is reset to 46.72554526852148

Energy injection at [6, 2]

The counter is 2172

The angle is reset to 46.20788168796503

Energy injection at [7, 3]

min\_delta\_val

1.4142135623730951

e\_pc 7 3

current pc 6 2

The counter is 2173

The angle is reset to 45.845517181575524

Energy injection at [7, 3]

The counter is 2174

The angle is reset to 45.59186202710286

Energy injection at [7, 3]

The counter is 2175

The angle is reset to 45.414303418972

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

The counter is 2176

The angle is reset to 44.7650123932804

Energy injection at [7, 3]

The counter is 2179

The angle is reset to 44.835508675296275

Energy injection at [8, 4]

min\_delta\_val

1.0

e\_pc 8 4

current pc 8 3

loop closure

The counter is 2180

The angle is reset to 45.40985607270739

Energy injection at [8, 4]

The counter is 2184

The angle is reset to 47.38689925089516

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

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The current number of the iteration is 2200

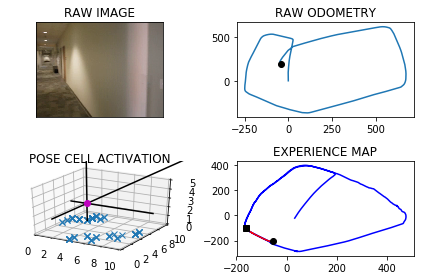
13.4400000572 seconds are elapsed per 100 frames.

The number of units of the VT is 842

The number of units of the experience map is 860

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The current number of the iteration is 2300

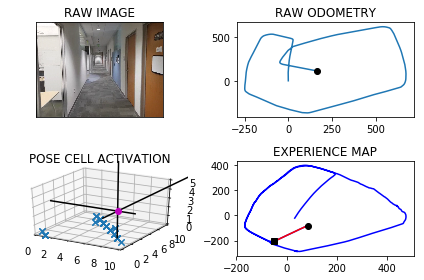
3.02600002289 seconds are elapsed per 100 frames.

The number of units of the VT is 899

The number of units of the experience map is 917

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The counter is 2342

The angle is reset to 146.49582947562658

Energy injection at [5, 5]

The counter is 2343

The angle is reset to 156.54708063293862

Energy injection at [5, 5]

The counter is 2344

The angle is reset to 163.582956443057

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 4

loop closure

The counter is 2345

The angle is reset to 168.5080695101399

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

The counter is 2346

The angle is reset to 171.95564865709787

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 2347

The angle is reset to 174.89395405996854

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

loop closure

The counter is 2348

The angle is reset to 176.95076784197795

Energy injection at [5, 2]

The counter is 2349

The angle is reset to 178.39053748938454

Energy injection at [5, 2]

The counter is 2350

The angle is reset to 179.39837624256919

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 2352

The angle is reset to 179.5788633697984

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 2353

The angle is reset to 179.70520435885888

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 2354

The angle is reset to 179.79364305120123

Energy injection at [5, 0]

The counter is 2355

The angle is reset to 179.85555013584084

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 2356

The angle is reset to 179.37388509508858

Energy injection at [5, 0]

The counter is 2357

The angle is reset to 179.561719566562

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 2358

The angle is reset to 179.6932036965934

Energy injection at [5, 0]

The counter is 2359

The angle is reset to 179.7852425876154

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 2360

The angle is reset to 179.84966981133073

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 2361

The angle is reset to 180.41976886793154

Energy injection at [5, 9]

The counter is 2364

The angle is reset to 180.29383820755203

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 2365

The angle is reset to 180.20568674528644

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 7

current pc 5 8

The counter is 2366

The angle is reset to 180.1439807217005

Energy injection at [5, 8]

The counter is 2367

The angle is reset to 179.57578650519034

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 2368

The angle is reset to 179.17805055363323

Energy injection at [5, 7]

The counter is 2369

The angle is reset to 179.42463538754325

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 2370

The angle is reset to 179.5972447712803

Energy injection at [5, 7]

The counter is 2371

The angle is reset to 179.7180713398962

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

The counter is 2372

The angle is reset to 179.8026499379273

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

The counter is 2373

The angle is reset to 179.8618549565491

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 6

The counter is 2374

The angle is reset to 179.90329846958434

Energy injection at [5, 6]

The counter is 2375

The angle is reset to 179.93230892870903

Energy injection at [5, 6]

The counter is 2378

The angle is reset to 179.9526162500963

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

loop closure

The counter is 2380

The angle is reset to 179.4418313750674

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 2390

The angle is reset to 179.60928196254716

Energy injection at [5, 0]

The counter is 2391

The angle is reset to 179.72649737378302

Energy injection at [5, 0]

The counter is 2392

The angle is reset to 179.8085481616481

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 2398

The angle is reset to 180.39098371315367

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 2399

The angle is reset to 180.79868859920754

Energy injection at [5, 7]

The counter is 2400

The angle is reset to 180.55908201944527

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

-----------------------------------------------------------

The current number of the iteration is 2400

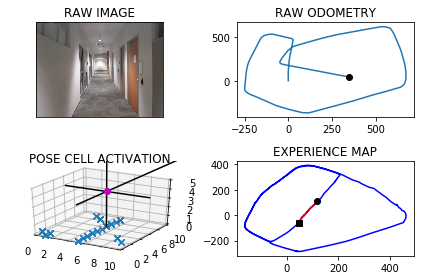
18.2160000801 seconds are elapsed per 100 frames.

The number of units of the VT is 934

The number of units of the experience map is 955

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-----------------------------------------------------------



The counter is 2401

The angle is reset to 180.39135741361167

Energy injection at [5, 7]

The counter is 2404

The angle is reset to 180.2739501895282

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

loop closure

The counter is 2405

The angle is reset to 180.19176513266973

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 2406

The angle is reset to 180.1342355928688

Energy injection at [5, 4]

The counter is 2407

The angle is reset to 180.61896491500812

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 4

The counter is 2408

The angle is reset to 180.4332754405057

Energy injection at [5, 4]

The counter is 2409

The angle is reset to 180.30329280835397

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

loop closure

The counter is 2410

The angle is reset to 180.2123049658478

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 3

The counter is 2413

The angle is reset to 180.14861347609343

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 1

current pc 5 2

loop closure

The counter is 2415

The angle is reset to 179.5790294332654

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 2420

The angle is reset to 179.70532060328577

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 2422

The angle is reset to 179.79372442230004

Energy injection at [5, 9]

The counter is 2423

The angle is reset to 179.85560709561

Energy injection at [5, 9]

The counter is 2424

The angle is reset to 179.898924966927

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 2427

The angle is reset to 179.9292474768489

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 2428

The angle is reset to 179.9504732337942

Energy injection at [5, 8]

The counter is 2431

The angle is reset to 179.96533126365594

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 2433

The angle is reset to 179.97573188455914

Energy injection at [5, 6]

The counter is 2434

The angle is reset to 179.98301231919137

Energy injection at [5, 6]

The counter is 2437

The angle is reset to 179.98810862343396

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

loop closure

The counter is 2440

The angle is reset to 179.99167603640376

Energy injection at [5, 4]

The counter is 2443

The angle is reset to 179.99417322548263

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

loop closure

The counter is 2444

The angle is reset to 179.99592125783784

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

The counter is 2445

The angle is reset to 179.99714488048647

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 2446

The angle is reset to 179.99800141634054

Energy injection at [5, 3]

The counter is 2447

The angle is reset to 179.99860099143834

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 2448

The angle is reset to 179.99902069400682

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 1

The counter is 2449

The angle is reset to 179.99931448580477

Energy injection at [5, 2]

The counter is 2450

The angle is reset to 179.99952014006334

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 2451

The angle is reset to 179.99966409804432

Energy injection at [5, 1]

The counter is 2454

The angle is reset to 179.99976486863102

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 2455

The angle is reset to 179.99983540804172

Energy injection at [5, 0]

The counter is 2456

The angle is reset to 179.99988478562918

Energy injection at [5, 0]

The counter is 2459

The angle is reset to 179.99991934994046

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 2460

The angle is reset to 179.99994354495828

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 2478

The angle is reset to 180.5249604814708

Energy injection at [5, 6]

The counter is 2483

The angle is reset to 180.36747233702954

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

loop closure

The counter is 2484

The angle is reset to 180.25723063592065

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

The counter is 2485

The angle is reset to 180.18006144514445

Energy injection at [5, 6]

The counter is 2486

The angle is reset to 179.60104301160112

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

The counter is 2487

The angle is reset to 179.72073010812076

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

The counter is 2488

The angle is reset to 179.80451107568453

Energy injection at [5, 5]

The counter is 2489

The angle is reset to 179.8631577529792

Energy injection at [5, 5]

The counter is 2490

The angle is reset to 179.90421042708542

Energy injection at [5, 5]

The counter is 2491

The angle is reset to 179.9329472989598

Energy injection at [5, 5]

-----------------------------------------------------------

The current number of the iteration is 2500

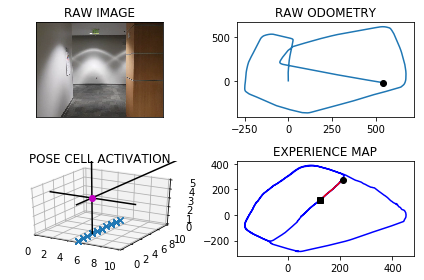
20.5500001907 seconds are elapsed per 100 frames.

The number of units of the VT is 967

The number of units of the experience map is 993

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The counter is 2516

The angle is reset to 179.42806310927185

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 2517

The angle is reset to 179.59964417649027

Energy injection at [5, 2]

The counter is 2518

The angle is reset to 179.71975092354316

Energy injection at [5, 2]

The counter is 2519

The angle is reset to 179.80382564648022

Energy injection at [5, 2]

The counter is 2520

The angle is reset to 179.33767795253613

Energy injection at [5, 2]

The counter is 2521

The angle is reset to 179.0113745667753

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 2522

The angle is reset to 179.30796219674272

Energy injection at [5, 1]

The counter is 2523

The angle is reset to 179.51557353771986

Energy injection at [5, 1]

The counter is 2524

The angle is reset to 179.1359014764039

Energy injection at [5, 1]

The counter is 2525

The angle is reset to 179.3951310334827

Energy injection at [5, 1]

The counter is 2526

The angle is reset to 179.57659172343787

Energy injection at [5, 1]

The counter is 2527

The angle is reset to 179.7036142064065

Energy injection at [5, 1]

The counter is 2528

The angle is reset to 180.31752994448453

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 2529

The angle is reset to 180.74727096113915

Energy injection at [5, 0]

The counter is 2530

The angle is reset to 180.5230896727974

Energy injection at [5, 0]

The counter is 2531

The angle is reset to 180.36616277095817

Energy injection at [5, 0]

The counter is 2532

The angle is reset to 180.25631393967072

Energy injection at [5, 0]

The counter is 2533

The angle is reset to 180.1794197577695

Energy injection at [5, 0]

The counter is 2534

The angle is reset to 180.12559383043865

Energy injection at [5, 0]

The counter is 2539

The angle is reset to 179.03791568130703

Energy injection at [5, 9]

The counter is 2540

The angle is reset to 179.32654097691494

Energy injection at [5, 9]

The counter is 2541

The angle is reset to 180.05357868384044

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 9

loop closure

The counter is 2542

The angle is reset to 180.0375050786883

Energy injection at [5, 0]

The counter is 2543

The angle is reset to 180.02625355508178

Energy injection at [5, 0]

The counter is 2544

The angle is reset to 180.01837748855723

Energy injection at [5, 0]

The counter is 2555

The angle is reset to 205.73786424199008

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 2556

The angle is reset to 203.26650496939305

Energy injection at [5, 8]

The counter is 2565

The angle is reset to 233.93655347857515

Energy injection at [5, 8]

The counter is 2568

The angle is reset to 219.8555874350026

Energy injection at [3, 0]

The counter is 2569

The angle is reset to 207.89891120450181

Energy injection at [3, 0]

The counter is 2570

The angle is reset to 199.52923784315126

Energy injection at [3, 0]

The counter is 2571

The angle is reset to 193.6704664902059

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 2572

The angle is reset to 189.56932654314411

Energy injection at [3, 0]

The counter is 2576

The angle is reset to 186.69852858020087

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 2577

The angle is reset to 184.6889700061406

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 0

The counter is 2584

The angle is reset to 196.25727900429843

Energy injection at [3, 6]

The counter is 2599

The angle is reset to 204.3550953030089

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 4

loop closure

-----------------------------------------------------------

The current number of the iteration is 2600

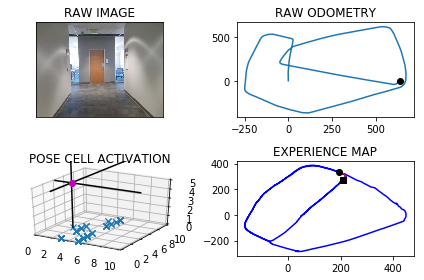
10.2200000286 seconds are elapsed per 100 frames.

The number of units of the VT is 992

The number of units of the experience map is 1022

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The counter is 2604

The angle is reset to 211.59856671210625

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 4

loop closure

The counter is 2607

The angle is reset to 215.61899669847432

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 2608

The angle is reset to 218.43329768893202

Energy injection at [2, 5]

counter 2608

multiple peak # >2

[1L, 2L, 2L] [4L, 4L, 5L]

The counter is 2634

The angle is reset to 223.02830838225242

Energy injection at [8, 1]

The counter is 2635

The angle is reset to 223.61981586757668

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 2637

The angle is reset to 224.55887110730367

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 7 0

current pc 8 1

loop closure

The counter is 2638

The angle is reset to 225.21620977511256

Energy injection at [7, 0]

hash collision

The counter is 2639

The angle is reset to 225.1513468425788

Energy injection at [7, 0]

hash collision

The counter is 2640

The angle is reset to 225.63094278980512

Energy injection at [7, 0]

hash collision

The counter is 2641

The angle is reset to 225.96665995286358

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

loop closure

The counter is 2642

The angle is reset to 226.2016619670045

Energy injection at [7, 0]

The counter is 2643

The angle is reset to 226.36616337690313

Energy injection at [7, 0]

The counter is 2644

The angle is reset to 226.4813143638322

Energy injection at [7, 9]

The counter is 2645

The angle is reset to 226.03692005468255

Energy injection at [7, 9]

counter 2645

multiple peak # >2

[6L, 6L, 7L] [8L, 9L, 9L]

The counter is 2650

The angle is reset to 249.20084403827775

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 2651

The angle is reset to 260.16559082679436

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 5 8

The counter is 2652

The angle is reset to 268.890913578756

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

over

The counter is 2659

The angle is reset to 312.64863950512915

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 2660

The angle is reset to 315.9790476535904

Energy injection at [2, 9]

The counter is 2661

The angle is reset to 317.78533335751325

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

The counter is 2662

The angle is reset to 319.04973335025926

Energy injection at [2, 9]

The counter is 2664

The angle is reset to 321.5098133451815

Energy injection at [1, 9]

min\_delta\_val

1.0

e\_pc 0 0

current pc 1 0

loop closure

The counter is 2665

The angle is reset to 320.6068693416271

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 2666

The angle is reset to 319.9748085391389

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 0

current pc 9 0

The counter is 2667

The angle is reset to 318.48236597739725

Energy injection at [0, 0]

The counter is 2668

The angle is reset to 317.437656184178

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 2669

The angle is reset to 316.7063593289246

Energy injection at [0, 0]

min\_delta\_val

1.4142135623730951

e\_pc 9 1

current pc 0 0

The counter is 2670

The angle is reset to 316.19445153024725

Energy injection at [0, 0]

The counter is 2671

The angle is reset to 315.836116071173

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 0 1

The counter is 2672

The angle is reset to 315.5852812498211

Energy injection at [9, 1]

The counter is 2673

The angle is reset to 315.4096968748748

Energy injection at [9, 1]

The counter is 2676

The angle is reset to 329.3117878124124

Energy injection at [9, 7]

The counter is 2677

The angle is reset to 339.56825146868863

Energy injection at [9, 7]

The counter is 2678

The angle is reset to 346.2227760280821

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 2679

The angle is reset to 350.8809432196574

Energy injection at [9, 7]

The counter is 2680

The angle is reset to 353.61666025376013

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 2690

The angle is reset to 354.48166217763213

Energy injection at [9, 9]

The counter is 2695

The angle is reset to 355.0871635243424

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

loop closure

The counter is 2698

The angle is reset to 356.0360144670397

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 2699

The angle is reset to 357.2252101269277

Energy injection at [9, 1]

The counter is 2700

The angle is reset to 358.0576470888495

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

-----------------------------------------------------------

The current number of the iteration is 2700

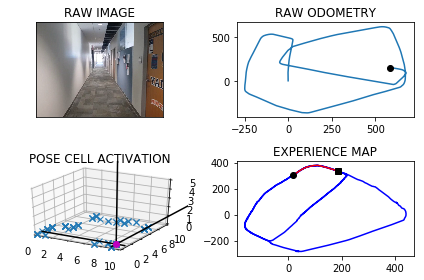
21.6670000553 seconds are elapsed per 100 frames.

The number of units of the VT is 1023

The number of units of the experience map is 1058

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-----------------------------------------------------------



The counter is 2701

The angle is reset to 358.6403529621946

Energy injection at [9, 1]

The counter is 2702

The angle is reset to 359.0482470735362

Energy injection at [9, 1]

The counter is 2703

The angle is reset to 359.3337729514753

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 2704

The angle is reset to 359.5336410660327

Energy injection at [9, 2]

The counter is 2705

The angle is reset to 359.6735487462229

Energy injection at [9, 2]

The counter is 2706

The angle is reset to 359.77148412235596

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 2707

The angle is reset to 359.3150388856492

Energy injection at [9, 2]

The counter is 2708

The angle is reset to 358.9955272199544

Energy injection at [9, 2]

The counter is 2709

The angle is reset to 359.29686905396807

Energy injection at [9, 2]

The counter is 2712

The angle is reset to 359.50780833777765

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 2713

The angle is reset to 359.65546583644436

Energy injection at [9, 3]

The counter is 2716

The angle is reset to 359.75882608551103

Energy injection at [9, 4]

min\_delta\_val

6.0

e\_pc 9 4

current pc 9 4

new experience map with case 2

The counter is 2717

The angle is reset to 359.8311782598577

Energy injection at [9, 4]

The counter is 2718

The angle is reset to 359.35682478190034

Energy injection at [9, 4]

The counter is 2719

The angle is reset to 346.04977734733023

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 2720

The angle is reset to 336.73484414313117

Energy injection at [9, 4]

The counter is 2721

The angle is reset to 330.2143909001918

Energy injection at [9, 4]

The counter is 2722

The angle is reset to 339.1500736301343

Energy injection at [9, 5]

The counter is 2723

The angle is reset to 332.430051541094

Energy injection at [9, 4]

The counter is 2724

The angle is reset to 341.22603607876573

Energy injection at [9, 5]

The counter is 2725

The angle is reset to 346.858225255136

Energy injection at [9, 5]

The counter is 2726

The angle is reset to 350.8007576785952

Energy injection at [9, 5]

The counter is 2727

The angle is reset to 353.5605303750166

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

loop closure

The counter is 2731

The angle is reset to 355.4923712625116

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 2732

The angle is reset to 356.8446598837581

Energy injection at [9, 6]

The counter is 2733

The angle is reset to 357.79126191863065

Energy injection at [9, 6]

The counter is 2734

The angle is reset to 358.4538833430414

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 2735

The angle is reset to 359.44271834012903

Energy injection at [9, 6]

The counter is 2736

The angle is reset to 359.60990283809025

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 2737

The angle is reset to 359.7269319866632

Energy injection at [9, 6]

The counter is 2738

The angle is reset to 359.8088523906642

Energy injection at [9, 6]

The counter is 2740

The angle is reset to 359.8661966734649

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 2741

The angle is reset to 359.3813376714254

Energy injection at [9, 6]

The counter is 2742

The angle is reset to 359.5669363699978

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 2744

The angle is reset to 359.6968554589984

Energy injection at [9, 7]

The counter is 2745

The angle is reset to 359.7877988212989

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 2746

The angle is reset to 359.85145917490917

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 2747

The angle is reset to 0.42102142243643415

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 2748

The angle is reset to 0.29471499570550386

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 2751

The angle is reset to 0.2063004969938527

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 7

loop closure

The counter is 2752

The angle is reset to 359.61941034789567

Energy injection at [9, 8]

The counter is 2753

The angle is reset to 359.20858724352695

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 2754

The angle is reset to 358.92101107046886

Energy injection at [9, 9]

The counter is 2755

The angle is reset to 358.7197077493282

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 2759

The angle is reset to 359.10379542452966

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 2760

The angle is reset to 359.3726567971708

Energy injection at [9, 0]

The counter is 2761

The angle is reset to 359.5608597580195

Energy injection at [9, 0]

The counter is 2762

The angle is reset to 359.1676018306136

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 2763

The angle is reset to 358.89232128142953

Energy injection at [9, 1]

The counter is 2764

The angle is reset to 359.22462489700064

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 2765

The angle is reset to 359.45723742790045

Energy injection at [9, 1]

The counter is 2770

The angle is reset to 359.6200661995303

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

The counter is 2771

The angle is reset to 359.73404633967124

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 2772

The angle is reset to 359.8138324377698

Energy injection at [9, 2]

The counter is 2774

The angle is reset to 359.8696827064389

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 2775

The angle is reset to 359.9087778945072

Energy injection at [9, 2]

The counter is 2782

The angle is reset to 0.4611445261550555

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

loop closure

The counter is 2787

The angle is reset to 1.3728011683085386

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

loop closure

The counter is 2795

The angle is reset to 0.43596081781597695

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 2799

The angle is reset to 0.30517257247118384

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

-----------------------------------------------------------

The current number of the iteration is 2800

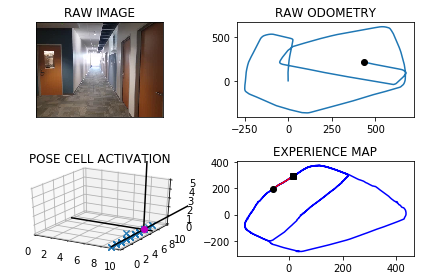
25.6719999313 seconds are elapsed per 100 frames.

The number of units of the VT is 1044

The number of units of the experience map is 1085

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-----------------------------------------------------------



The counter is 2805

The angle is reset to 0.21362080072981643

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 2807

The angle is reset to 0.6745345605108716

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 2809

The angle is reset to 0.47217419235761005

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 2810

The angle is reset to 0.33052193465032703

Energy injection at [9, 9]

The counter is 2818

The angle is reset to 1.2813653542552423

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 2819

The angle is reset to 1.4219557479786695

Energy injection at [9, 0]

The counter is 2820

The angle is reset to 1.5203690235850686

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 2827

The angle is reset to 4.214258316509548

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

-----------------------------------------------------------

The current number of the iteration is 2900

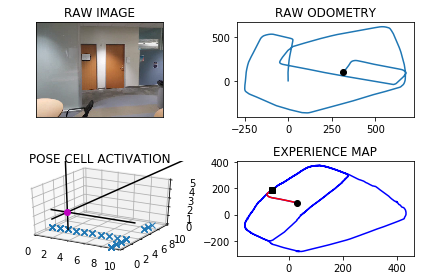
9.08500003815 seconds are elapsed per 100 frames.

The number of units of the VT is 1082

The number of units of the experience map is 1125

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-----------------------------------------------------------



The counter is 2964

The angle is reset to 169.8249808215567

Energy injection at [5, 2]

The counter is 2966

The angle is reset to 172.8774865750897

Energy injection at [5, 0]

The counter is 2967

The angle is reset to 175.53924060256278

Energy injection at [5, 0]

The counter is 2968

The angle is reset to 177.40246842179394

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 9

loop closure

The counter is 2970

The angle is reset to 178.18172789525576

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 2971

The angle is reset to 178.72720952667902

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

The counter is 2973

The angle is reset to 178.5840466686753

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 2983

The angle is reset to 180.5838326680727

Energy injection at [5, 3]

The counter is 2991

The angle is reset to 179.35868286765088

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 2992

The angle is reset to 180.07607800735562

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 1

loop closure

The counter is 2995

The angle is reset to 180.05325460514894

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 2996

The angle is reset to 180.03727822360423

Energy injection at [5, 9]

The counter is 2999

The angle is reset to 179.50109475652295

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 3000

The angle is reset to 179.65076632956604

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

-----------------------------------------------------------

The current number of the iteration is 3000

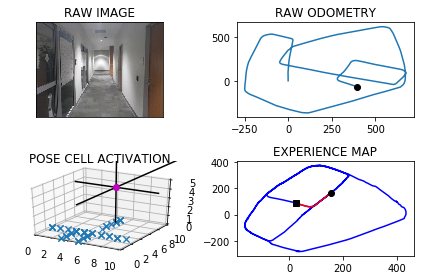
11.1540000439 seconds are elapsed per 100 frames.

The number of units of the VT is 1131

The number of units of the experience map is 1178

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-----------------------------------------------------------



The counter is 3003

The angle is reset to 180.2805364306962

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 7

current pc 5 8

loop closure

The counter is 3004

The angle is reset to 180.19637550148732

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 3005

The angle is reset to 180.1374628510411

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 7

current pc 5 6

The counter is 3006

The angle is reset to 180.09622399572876

Energy injection at [5, 7]

The counter is 3007

The angle is reset to 180.06735679701012

Energy injection at [5, 7]

The counter is 3008

The angle is reset to 179.52214975790707

Energy injection at [5, 6]

The counter is 3009

The angle is reset to 179.14050483053492

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 6

loop closure

The counter is 3012

The angle is reset to 179.39835338137448

Energy injection at [5, 5]

The counter is 3013

The angle is reset to 179.57884736696212

Energy injection at [5, 5]

The counter is 3014

The angle is reset to 179.70519315687346

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 4

loop closure

The counter is 3015

The angle is reset to 179.7936352098114

Energy injection at [5, 3]

The counter is 3017

The angle is reset to 179.855544646868

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

loop closure

The counter is 3019

The angle is reset to 179.37388125280762

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 3

loop closure

The counter is 3020

The angle is reset to 179.0367168769653

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 1

The counter is 3021

The angle is reset to 179.32570181387572

Energy injection at [5, 2]

The counter is 3022

The angle is reset to 179.527991269713

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 3023

The angle is reset to 179.6695938887991

Energy injection at [5, 2]

The counter is 3024

The angle is reset to 179.76871572215938

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 5 2

loop closure

The counter is 3025

The angle is reset to 179.83810100551153

Energy injection at [5, 1]

The counter is 3026

The angle is reset to 180.4116707038581

Energy injection at [5, 1]

The counter is 3027

The angle is reset to 180.28816949270063

Energy injection at [5, 1]

The counter is 3030

The angle is reset to 180.72671864489044

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 0

loop closure

The counter is 3042

The angle is reset to 182.08370305142333

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 3043

The angle is reset to 180.93359213599632

Energy injection at [5, 8]

The counter is 3045

The angle is reset to 180.6535144951974

Energy injection at [5, 7]

The counter is 3046

The angle is reset to 180.4574601466382

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 3048

The angle is reset to 180.3202221026467

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 3049

The angle is reset to 180.7491554718527

Energy injection at [5, 7]

The counter is 3050

The angle is reset to 180.52440883029686

Energy injection at [5, 5]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 6

loop closure

The counter is 3051

The angle is reset to 180.36708618120778

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

The counter is 3052

The angle is reset to 180.25696032684544

Energy injection at [5, 5]

The counter is 3053

The angle is reset to 180.17987222879182

Energy injection at [5, 5]

The counter is 3054

The angle is reset to 180.12591056015424

Energy injection at [5, 5]

The counter is 3062

The angle is reset to 181.66313739210796

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 3063

The angle is reset to 181.68919617447557

Energy injection at [5, 5]

The counter is 3064

The angle is reset to 181.18243732213293

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 3065

The angle is reset to 180.82770612549302

Energy injection at [5, 4]

The counter is 3066

The angle is reset to 180.5793942878451

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

The counter is 3067

The angle is reset to 180.40557600149157

Energy injection at [5, 4]

The counter is 3068

The angle is reset to 180.28390320104407

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

The counter is 3069

The angle is reset to 180.19873224073086

Energy injection at [5, 3]

The counter is 3070

The angle is reset to 180.1391125685116

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

The counter is 3071

The angle is reset to 180.0973787979581

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

loop closure

The counter is 3072

The angle is reset to 180.06816515857065

Energy injection at [5, 3]

The counter is 3073

The angle is reset to 180.04771561099946

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

loop closure

The counter is 3074

The angle is reset to 179.5084009276996

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 3075

The angle is reset to 179.1308806493897

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 3076

The angle is reset to 179.39161645457278

Energy injection at [5, 2]

The counter is 3077

The angle is reset to 179.04913151820094

Energy injection at [5, 2]

The counter is 3078

The angle is reset to 179.33439206274065

Energy injection at [5, 2]

The counter is 3079

The angle is reset to 179.53407444391843

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 3080

The angle is reset to 179.67385211074293

Energy injection at [5, 2]

The counter is 3081

The angle is reset to 179.77169647752004

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 3082

The angle is reset to 179.84018753426403

Energy injection at [5, 2]

The counter is 3083

The angle is reset to 179.88813127398478

Energy injection at [5, 2]

The counter is 3084

The angle is reset to 180.44669189178938

Energy injection at [5, 2]

The counter is 3085

The angle is reset to 180.83768432425254

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 3086

The angle is reset to 180.5863790269768

Energy injection at [5, 2]

The counter is 3087

The angle is reset to 180.93546531888373

Energy injection at [5, 2]

The counter is 3088

The angle is reset to 180.65482572321858

Energy injection at [5, 2]

The counter is 3089

The angle is reset to 180.458378006253

Energy injection at [5, 2]

The counter is 3090

The angle is reset to 180.3208646043771

Energy injection at [5, 2]

The counter is 3091

The angle is reset to 179.69960522306397

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 3092

The angle is reset to 179.78972365614476

Energy injection at [5, 1]

The counter is 3093

The angle is reset to 179.85280655930134

Energy injection at [5, 1]

The counter is 3094

The angle is reset to 179.8969645915109

Energy injection at [5, 1]

The counter is 3095

The angle is reset to 180.45287521405763

Energy injection at [5, 1]

The counter is 3096

The angle is reset to 180.31701264984034

Energy injection at [5, 1]

The counter is 3097

The angle is reset to 180.74690885488823

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 1

The counter is 3098

The angle is reset to 180.52283619842177

Energy injection at [5, 0]

The counter is 3099

The angle is reset to 180.36598533889523

Energy injection at [5, 0]

The counter is 3100

The angle is reset to 180.25618973722663

Energy injection at [5, 0]

-----------------------------------------------------------

The current number of the iteration is 3100

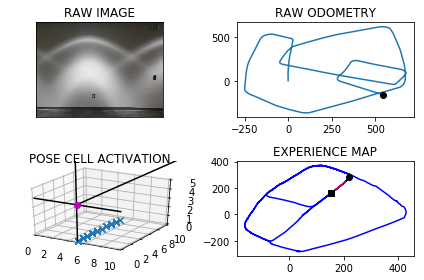
31.3210000992 seconds are elapsed per 100 frames.

The number of units of the VT is 1146

The number of units of the experience map is 1197

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The counter is 3101

The angle is reset to 180.17933281605863

Energy injection at [5, 0]

The counter is 3102

The angle is reset to 180.12553297124106

Energy injection at [5, 0]

The counter is 3103

The angle is reset to 180.0878730798687

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 3104

The angle is reset to 180.06151115590808

Energy injection at [5, 0]

The counter is 3105

The angle is reset to 180.04305780913566

Energy injection at [5, 0]

The counter is 3106

The angle is reset to 179.50514046639492

Energy injection at [5, 0]

The counter is 3107

The angle is reset to 179.12859832647644

Energy injection at [5, 0]

The counter is 3108

The angle is reset to 178.8650188285335

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 9

The counter is 3109

The angle is reset to 179.20551317997345

Energy injection at [5, 0]

The counter is 3110

The angle is reset to 179.96885922598142

Energy injection at [5, 0]

The counter is 3111

The angle is reset to 179.97820145818696

Energy injection at [5, 0]

The counter is 3112

The angle is reset to 180.50974102073087

Energy injection at [5, 0]

The counter is 3113

The angle is reset to 180.3568187145116

Energy injection at [5, 0]

The counter is 3114

The angle is reset to 181.29977310015812

Energy injection at [5, 0]

The counter is 3115

The angle is reset to 181.95984117011068

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 0

The counter is 3116

The angle is reset to 182.42188881907748

Energy injection at [5, 9]

The counter is 3117

The angle is reset to 183.79532217335424

Energy injection at [5, 9]

The counter is 3118

The angle is reset to 184.75672552134793

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 3119

The angle is reset to 186.47970786494355

Energy injection at [5, 9]

The counter is 3120

The angle is reset to 187.16079550546047

Energy injection at [5, 9]

The counter is 3121

The angle is reset to 203.76255685382233

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 3123

The angle is reset to 205.55878979767564

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 3124

The angle is reset to 215.59115285837296

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 3125

The angle is reset to 222.08880700086104

Energy injection at [5, 7]

The counter is 3126

The angle is reset to 226.11216490060272

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 3127

The angle is reset to 228.4035154304219

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 6

current pc 5 7

The counter is 3133

The angle is reset to 239.4574608012954

Energy injection at [5, 8]

The counter is 3134

The angle is reset to 236.17022256090678

Energy injection at [5, 8]

The counter is 3135

The angle is reset to 233.86915579263473

Energy injection at [5, 8]

The counter is 3136

The angle is reset to 231.7334090548443

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 3137

The angle is reset to 216.73838633839097

Energy injection at [3, 0]

The counter is 3139

The angle is reset to 206.7668704368737

Energy injection at [3, 0]

The counter is 3140

The angle is reset to 198.7368093058116

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 3141

The angle is reset to 193.11576651406807

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 3142

The angle is reset to 189.18103655984766

Energy injection at [3, 0]

The counter is 3143

The angle is reset to 199.40172559189335

Energy injection at [4, 7]

min\_delta\_val

3.1622776601683795

e\_pc 4 7

current pc 3 0

new experience map with case 2

counter 3146

multiple peak # >2

[3L, 3L, 4L, 4L] [0L, 9L, 5L, 6L]

The counter is 3147

The angle is reset to 193.05620791432537

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

loop closure

The counter is 3148

The angle is reset to 189.66434554002774

Energy injection at [3, 8]

The counter is 3149

The angle is reset to 187.2900418780194

Energy injection at [3, 8]

The counter is 3150

The angle is reset to 185.62802931461354

Energy injection at [3, 8]

The counter is 3151

The angle is reset to 197.43962052022948

Energy injection at [3, 6]

hash collision

The counter is 3152

The angle is reset to 192.20773436416064

Energy injection at [3, 5]

The counter is 3153

The angle is reset to 188.0204140549124

Energy injection at [3, 5]

The counter is 3154

The angle is reset to 199.1142898384387

Energy injection at [3, 6]

hash collision

The counter is 3155

The angle is reset to 206.88000288690708

Energy injection at [3, 6]

hash collision

The counter is 3156

The angle is reset to 212.31600202083496

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 3157

The angle is reset to 216.12120141458445

Energy injection at [3, 6]

The counter is 3158

The angle is reset to 205.2848409902091

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

loop closure

The counter is 3159

The angle is reset to 197.69938869314637

Energy injection at [3, 4]

The counter is 3160

The angle is reset to 192.38957208520242

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

The counter is 3161

The angle is reset to 188.6727004596417

Energy injection at [3, 3]

The counter is 3162

The angle is reset to 186.07089032174918

Energy injection at [3, 3]

The counter is 3163

The angle is reset to 184.2496232252244

Energy injection at [3, 3]

The counter is 3164

The angle is reset to 182.97473625765707

Energy injection at [3, 3]

The counter is 3165

The angle is reset to 195.58231538035994

Energy injection at [3, 6]

min\_delta\_val

4.0

e\_pc 3 6

current pc 3 2

new experience map with case 2

counter 3167

multiple peak # >2

[3L, 3L, 3L] [2L, 6L, 7L]

counter 3168

multiple peak # >2

[3L, 3L, 3L] [2L, 6L, 7L]

counter 3169

multiple peak # >2

[3L, 3L, 3L] [2L, 6L, 7L]

counter 3170

multiple peak # >2

[3L, 3L, 3L] [2L, 6L, 7L]

The counter is 3171

The angle is reset to 203.35762076625196

Energy injection at [2, 5]

The counter is 3172

The angle is reset to 209.85033453637638

Energy injection at [2, 5]

The counter is 3173

The angle is reset to 214.39523417546346

Energy injection at [2, 4]

The counter is 3174

The angle is reset to 218.1016639228244

Energy injection at [2, 5]

counter 3174

multiple peak # >2

[1L, 2L, 2L] [4L, 4L, 5L]

min\_delta\_val

1.4142135623730951

e\_pc 2 5

current pc 1 4

loop closure

The counter is 3175

The angle is reset to 220.69616474597706

Energy injection at [2, 5]

min\_delta\_val

1.4142135623730951

e\_pc 1 4

current pc 2 5

The counter is 3176

The angle is reset to 221.98731532218395

Energy injection at [2, 5]

The counter is 3177

The angle is reset to 222.89112072552874

Energy injection at [2, 5]

The counter is 3178

The angle is reset to 222.9987845078701

Energy injection at [2, 5]

The counter is 3179

The angle is reset to 223.59914915550905

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 3180

The angle is reset to 224.01940440885633

Energy injection at [1, 4]

The counter is 3181

The angle is reset to 224.31358308619943

Energy injection at [1, 4]

The counter is 3183

The angle is reset to 224.5195081603396

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 1 4

current pc 0 4

loop closure

The counter is 3184

The angle is reset to 224.66365571223773

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 3185

The angle is reset to 224.76455899856637

Energy injection at [1, 4]

The counter is 3189

The angle is reset to 224.31019129899644

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 3190

The angle is reset to 223.4671339092975

Energy injection at [0, 3]

The counter is 3191

The angle is reset to 223.92699373650825

Energy injection at [0, 3]

The counter is 3192

The angle is reset to 224.24889561555577

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 3193

The angle is reset to 224.47422693088905

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 9 2

The counter is 3194

The angle is reset to 224.63195885162233

Energy injection at [9, 2]

The counter is 3195

The angle is reset to 224.74237119613562

Energy injection at [9, 2]

The counter is 3199

The angle is reset to 224.81965983729492

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 3200

The angle is reset to 224.87376188610645

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

-----------------------------------------------------------

The current number of the iteration is 3200

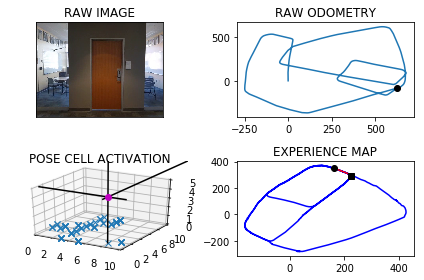
32.5970001221 seconds are elapsed per 100 frames.

The number of units of the VT is 1158

The number of units of the experience map is 1218

02/20/19 09:51:10

-----------------------------------------------------------



The counter is 3201

The angle is reset to 224.91163332027452

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 0

The counter is 3202

The angle is reset to 224.93814332419214

Energy injection at [8, 1]

The counter is 3203

The angle is reset to 224.95670032693448

Energy injection at [8, 1]

hash collision

The counter is 3204

The angle is reset to 224.96969022885412

Energy injection at [8, 1]

hash collision

The counter is 3205

The angle is reset to 224.9787831601979

Energy injection at [8, 1]

hash collision

The counter is 3206

The angle is reset to 224.98514821213854

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 3209

The angle is reset to 239.01460374849694

Energy injection at [7, 0]

The counter is 3211

The angle is reset to 233.7602226239478

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

loop closure

The counter is 3212

The angle is reset to 230.08215583676346

Energy injection at [7, 0]

The counter is 3213

The angle is reset to 228.0325090857344

Energy injection at [7, 9]

-----------------------------------------------------------

The current number of the iteration is 3300

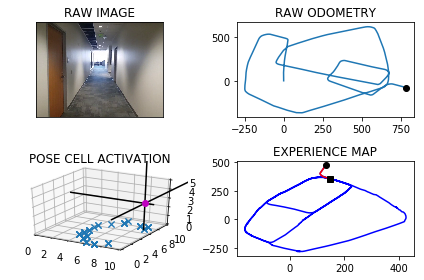
9.46700000763 seconds are elapsed per 100 frames.

The number of units of the VT is 1201

The number of units of the experience map is 1264

02/20/19 09:51:20

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The current number of the iteration is 3400

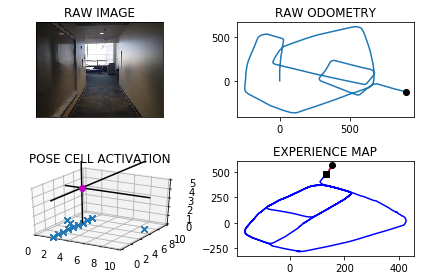
3.97900009155 seconds are elapsed per 100 frames.

The number of units of the VT is 1230

The number of units of the experience map is 1294

02/20/19 09:51:24

-----------------------------------------------------------



The counter is 3418

The angle is reset to 168.47275636001413

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 3419

The angle is reset to 171.93092945200988

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

-----------------------------------------------------------

The current number of the iteration is 3500

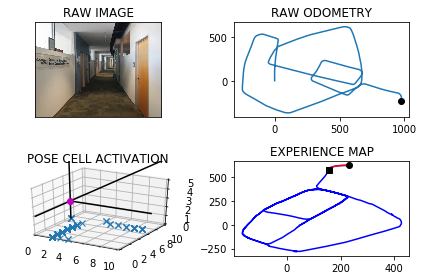
5.97699999809 seconds are elapsed per 100 frames.

The number of units of the VT is 1263

The number of units of the experience map is 1327

02/20/19 09:51:30

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The current number of the iteration is 3600

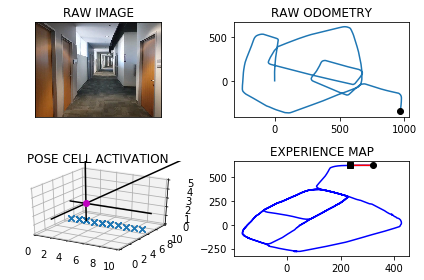
4.18499994278 seconds are elapsed per 100 frames.

The number of units of the VT is 1310

The number of units of the experience map is 1374

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-----------------------------------------------------------



The counter is 3692

The angle is reset to 90.65165061640683

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 4 7

current pc 3 7

loop closure

The counter is 3693

The angle is reset to 90.45615543148479

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

The counter is 3694

The angle is reset to 90.31930880203936

Energy injection at [4, 7]

-----------------------------------------------------------

The current number of the iteration is 3700

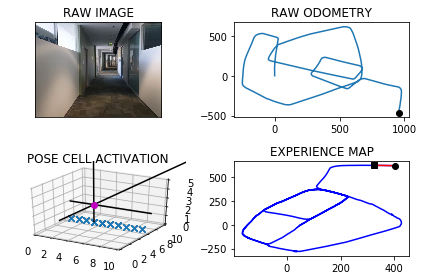
6.42200016975 seconds are elapsed per 100 frames.

The number of units of the VT is 1357

The number of units of the experience map is 1421

02/20/19 09:51:40

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The current number of the iteration is 3800

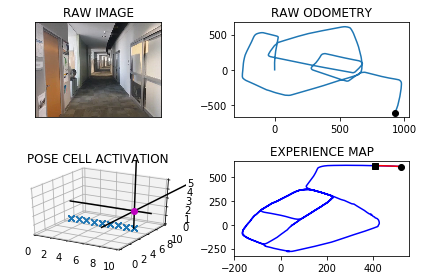
4.45399999619 seconds are elapsed per 100 frames.

The number of units of the VT is 1398

The number of units of the experience map is 1463

02/20/19 09:51:45

-----------------------------------------------------------



-----------------------------------------------------------

The current number of the iteration is 3900

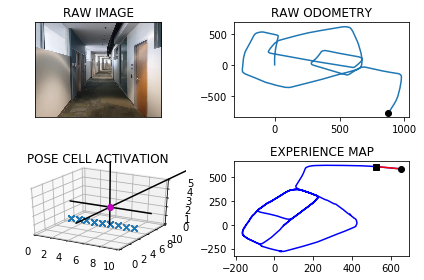
4.54100012779 seconds are elapsed per 100 frames.

The number of units of the VT is 1448

The number of units of the experience map is 1513

02/20/19 09:51:49

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The current number of the iteration is 4000

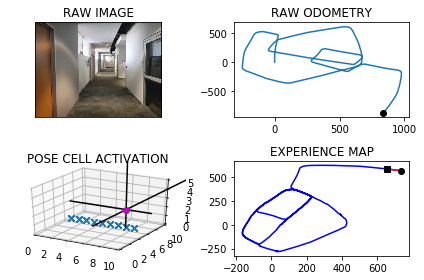
4.77600002289 seconds are elapsed per 100 frames.

The number of units of the VT is 1490

The number of units of the experience map is 1556

02/20/19 09:51:54

-----------------------------------------------------------



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The current number of the iteration is 4100

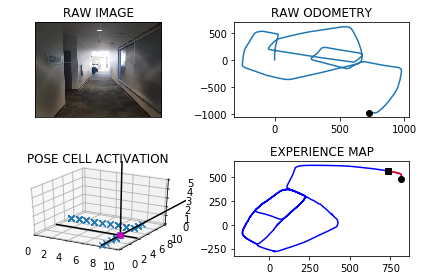
4.78299999237 seconds are elapsed per 100 frames.

The number of units of the VT is 1531

The number of units of the experience map is 1598

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The current number of the iteration is 4200

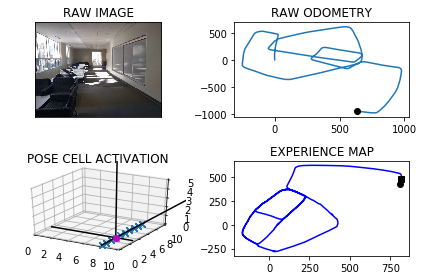
4.92000007629 seconds are elapsed per 100 frames.

The number of units of the VT is 1554

The number of units of the experience map is 1621

02/20/19 09:52:04

-----------------------------------------------------------



The counter is 4294

The angle is reset to 355.49851616142746

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 2

loop closure

-----------------------------------------------------------

The current number of the iteration is 4300

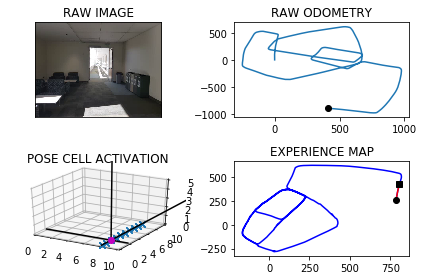
6.42100000381 seconds are elapsed per 100 frames.

The number of units of the VT is 1581

The number of units of the experience map is 1649

02/20/19 09:52:10

-----------------------------------------------------------



The counter is 4363

The angle is reset to 254.0239613129992

Energy injection at [3, 4]

The counter is 4365

The angle is reset to 232.3417729190994

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 2 4

loop closure

The counter is 4366

The angle is reset to 217.16424104336957

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4367

The angle is reset to 206.5399687303587

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4368

The angle is reset to 198.57797811125107

Energy injection at [3, 3]

The counter is 4369

The angle is reset to 193.00458467787578

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4370

The angle is reset to 189.10320927451303

Energy injection at [3, 3]

The counter is 4371

The angle is reset to 185.84724649215912

Energy injection at [3, 3]

The counter is 4372

The angle is reset to 184.09307254451136

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4373

The angle is reset to 182.86515078115792

Energy injection at [3, 3]

The counter is 4374

The angle is reset to 182.0056055468105

Energy injection at [3, 3]

The counter is 4375

The angle is reset to 181.40392388276737

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

The counter is 4376

The angle is reset to 181.50774671793715

Energy injection at [3, 2]

The counter is 4377

The angle is reset to 181.05542270255597

Energy injection at [3, 2]

The counter is 4378

The angle is reset to 181.2637958917892

Energy injection at [3, 2]

The counter is 4379

The angle is reset to 180.8846571242524

Energy injection at [3, 2]

The counter is 4399

The angle is reset to 182.7192599869767

Energy injection at [3, 9]

The counter is 4400

The angle is reset to 182.42848199088368

Energy injection at [3, 9]

-----------------------------------------------------------

The current number of the iteration is 4400

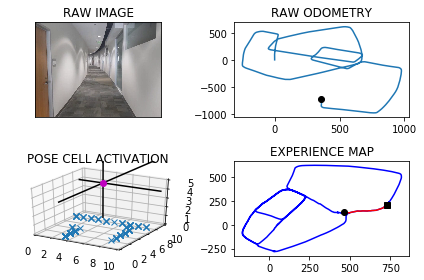
12.756000042 seconds are elapsed per 100 frames.

The number of units of the VT is 1623

The number of units of the experience map is 1693

02/20/19 09:52:23

-----------------------------------------------------------



The counter is 4404

The angle is reset to 182.22493739361857

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 4405

The angle is reset to 181.557456175533

Energy injection at [3, 9]

The counter is 4406

The angle is reset to 181.0902193228731

Energy injection at [3, 9]

The counter is 4407

The angle is reset to 180.2381535260112

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 9

The counter is 4408

The angle is reset to 180.16670746820782

Energy injection at [3, 8]

The counter is 4409

The angle is reset to 180.11669522774545

Energy injection at [3, 8]

The counter is 4410

The angle is reset to 180.0816866594218

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4411

The angle is reset to 180.05718066159528

Energy injection at [3, 8]

The counter is 4412

The angle is reset to 180.04002646311667

Energy injection at [3, 8]

The counter is 4413

The angle is reset to 180.02801852418168

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4414

The angle is reset to 180.01961296692716

Energy injection at [3, 8]

The counter is 4415

The angle is reset to 180.013729076849

Energy injection at [3, 8]

The counter is 4416

The angle is reset to 180.0096103537943

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

The counter is 4419

The angle is reset to 179.481727247656

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 4420

The angle is reset to 179.6372090733592

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

The counter is 4421

The angle is reset to 179.74604635135145

Energy injection at [3, 7]

The counter is 4424

The angle is reset to 179.82223244594599

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 4431

The angle is reset to 179.8755627121622

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 4432

The angle is reset to 179.9128938985135

Energy injection at [3, 6]

The counter is 4439

The angle is reset to 182.03902572895944

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 4440

The angle is reset to 181.95231801027163

Energy injection at [3, 5]

The counter is 4441

The angle is reset to 181.36662260719012

Energy injection at [3, 5]

The counter is 4442

The angle is reset to 180.9566358250331

Energy injection at [3, 1]

The counter is 4443

The angle is reset to 180.66964507752317

Energy injection at [3, 1]

counter 4445

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 3L, 4L, 9L]

counter 4446

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 3L, 4L, 9L]

counter 4447

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 3L, 4L, 9L]

counter 4448

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 3L, 4L, 9L]

The counter is 4449

The angle is reset to 180.9937515542662

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4450

The angle is reset to 180.69562608798634

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4451

The angle is reset to 181.0119382615904

Energy injection at [3, 0]

The counter is 4452

The angle is reset to 180.70835678311326

Energy injection at [3, 0]

The counter is 4453

The angle is reset to 180.49584974817927

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 0

The counter is 4454

The angle is reset to 180.34709482372548

Energy injection at [3, 0]

The counter is 4455

The angle is reset to 180.24296637660782

Energy injection at [3, 0]

The counter is 4456

The angle is reset to 180.17007646362546

Energy injection at [3, 4]

min\_delta\_val

4.0

e\_pc 3 4

current pc 3 0

new experience map with case 2

counter 4458

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 5L]

The counter is 4459

The angle is reset to 180.6440535245378

Energy injection at [3, 5]

The counter is 4462

The angle is reset to 180.9758374671765

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 4463

The angle is reset to 180.68308622702355

Energy injection at [3, 5]

The counter is 4464

The angle is reset to 180.47816035891645

Energy injection at [3, 1]

The counter is 4465

The angle is reset to 180.3347122512415

Energy injection at [3, 5]

The counter is 4468

The angle is reset to 179.70929857586907

Energy injection at [3, 1]

The counter is 4469

The angle is reset to 179.79650900310835

Energy injection at [3, 1]

The counter is 4470

The angle is reset to 179.85755630217582

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4471

The angle is reset to 179.90028941152306

Energy injection at [3, 0]

The counter is 4472

The angle is reset to 180.45520258806616

Energy injection at [3, 0]

The counter is 4473

The angle is reset to 180.31864181164627

Energy injection at [3, 0]

The counter is 4474

The angle is reset to 180.22304926815238

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4475

The angle is reset to 180.15613448770665

Energy injection at [3, 0]

The counter is 4476

The angle is reset to 180.10929414139468

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 4477

The angle is reset to 180.07650589897625

Energy injection at [3, 0]

The counter is 4478

The angle is reset to 179.52855412928338

Energy injection at [3, 0]

The counter is 4479

The angle is reset to 179.14498789049836

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4480

The angle is reset to 179.40149152334885

Energy injection at [3, 0]

The counter is 4481

The angle is reset to 179.58104406634416

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4482

The angle is reset to 179.70673084644088

Energy injection at [3, 0]

The counter is 4483

The angle is reset to 180.3197115925086

Energy injection at [3, 0]

The counter is 4485

The angle is reset to 180.74879811475603

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 0

loop closure

The counter is 4486

The angle is reset to 180.5241586803292

Energy injection at [3, 0]

The counter is 4487

The angle is reset to 180.36691107623045

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

loop closure

The counter is 4488

The angle is reset to 180.25683775336128

Energy injection at [3, 8]

The counter is 4489

The angle is reset to 180.1797864273529

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4490

The angle is reset to 180.12585049914702

Energy injection at [3, 8]

The counter is 4491

The angle is reset to 180.08809534940292

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4492

The angle is reset to 180.06166674458203

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

The counter is 4493

The angle is reset to 180.0431667212074

Energy injection at [3, 8]

The counter is 4494

The angle is reset to 180.55521670484518

Energy injection at [3, 8]

The counter is 4495

The angle is reset to 180.9136516933916

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 4496

The angle is reset to 181.16455618537415

Energy injection at [3, 7]

The counter is 4497

The angle is reset to 181.3401893297619

Energy injection at [3, 7]

The counter is 4500

The angle is reset to 181.46313253083332

Energy injection at [3, 6]

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The current number of the iteration is 4500

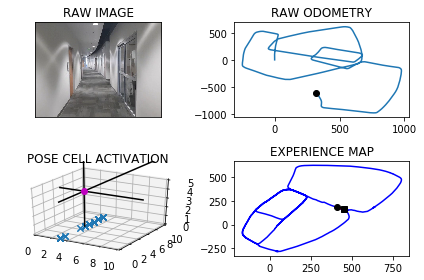
35.7479999065 seconds are elapsed per 100 frames.

The number of units of the VT is 1638

The number of units of the experience map is 1715

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The counter is 4501

The angle is reset to 181.02419277158333

Energy injection at [3, 6]

The counter is 4502

The angle is reset to 180.71693494010833

Energy injection at [3, 6]

The counter is 4503

The angle is reset to 180.50185445807583

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 4504

The angle is reset to 180.35129812065307

Energy injection at [3, 5]

The counter is 4505

The angle is reset to 180.24590868445713

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4506

The angle is reset to 180.69713607911999

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

The counter is 4507

The angle is reset to 181.01299525538397

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 4510

The angle is reset to 181.7590966787688

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 4511

The angle is reset to 181.23136767513816

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4514

The angle is reset to 180.86195737259672

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 4519

The angle is reset to 181.1283701608177

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 4520

The angle is reset to 181.31485911257238

Energy injection at [3, 2]

The counter is 4521

The angle is reset to 181.44540137880065

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 4529

The angle is reset to 181.53678096516046

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 4530

The angle is reset to 181.07574667561232

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

The counter is 4531

The angle is reset to 180.7530226729286

Energy injection at [3, 1]

The counter is 4532

The angle is reset to 180.52711587105003

Energy injection at [3, 1]

The counter is 4535

The angle is reset to 180.368981109735

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4536

The angle is reset to 180.25828677681451

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 4537

The angle is reset to 179.65580074377016

Energy injection at [3, 0]

The counter is 4541

The angle is reset to 179.23406052063908

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4544

The angle is reset to 179.98884236444732

Energy injection at [3, 8]

The counter is 4549

The angle is reset to 180.51718965511316

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

loop closure

The counter is 4550

The angle is reset to 180.36203275857918

Energy injection at [3, 7]

The counter is 4551

The angle is reset to 180.25342293100542

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 4552

The angle is reset to 180.1773960517038

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 4553

The angle is reset to 180.12417723619265

Energy injection at [3, 6]

The counter is 4554

The angle is reset to 181.13692406533485

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 4555

The angle is reset to 181.3208468457344

Energy injection at [3, 6]

The counter is 4559

The angle is reset to 181.44959279201407

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 4560

The angle is reset to 181.01471495440984

Energy injection at [3, 5]

The counter is 4561

The angle is reset to 180.7103004680869

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4562

The angle is reset to 180.4972103276608

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

The counter is 4564

The angle is reset to 180.34804722936258

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 4565

The angle is reset to 180.24363306055378

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4569

The angle is reset to 180.17054314238766

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 4570

The angle is reset to 180.11938019967135

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4571

The angle is reset to 180.0835661397699

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

The counter is 4572

The angle is reset to 180.05849629783896

Energy injection at [3, 5]

The counter is 4573

The angle is reset to 179.51594740848722

Energy injection at [3, 5]

The counter is 4574

The angle is reset to 179.66116318594106

Energy injection at [3, 5]

The counter is 4575

The angle is reset to 179.76281423015874

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4576

The angle is reset to 179.8339699611111

Energy injection at [3, 4]

The counter is 4577

The angle is reset to 180.40877897277778

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4578

The angle is reset to 180.8111452809444

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4579

The angle is reset to 180.5678016966611

Energy injection at [3, 4]

The counter is 4580

The angle is reset to 180.39746118766277

Energy injection at [3, 4]

The counter is 4581

The angle is reset to 180.2782228313639

Energy injection at [3, 4]

The counter is 4582

The angle is reset to 180.19475598195473

Energy injection at [3, 4]

The counter is 4583

The angle is reset to 180.1363291873683

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4584

The angle is reset to 180.0954304311578

Energy injection at [3, 4]

The counter is 4585

The angle is reset to 180.06680130181044

Energy injection at [3, 4]

The counter is 4588

The angle is reset to 180.0467609112673

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 4589

The angle is reset to 180.0327326378871

Energy injection at [3, 3]

The counter is 4590

The angle is reset to 180.02291284652097

Energy injection at [3, 3]

The counter is 4591

The angle is reset to 180.01603899256466

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4592

The angle is reset to 180.01122729479525

Energy injection at [3, 3]

The counter is 4593

The angle is reset to 180.00785910635665

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

The counter is 4594

The angle is reset to 180.00550137444966

Energy injection at [3, 3]

The counter is 4595

The angle is reset to 180.00385096211474

Energy injection at [3, 3]

The counter is 4596

The angle is reset to 180.0026956734803

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 4597

The angle is reset to 179.47688697143624

Energy injection at [3, 2]

The counter is 4598

The angle is reset to 179.63382088000535

Energy injection at [3, 2]

The counter is 4599

The angle is reset to 179.74367461600374

Energy injection at [3, 2]

The counter is 4600

The angle is reset to 179.82057223120262

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

-----------------------------------------------------------

The current number of the iteration is 4600

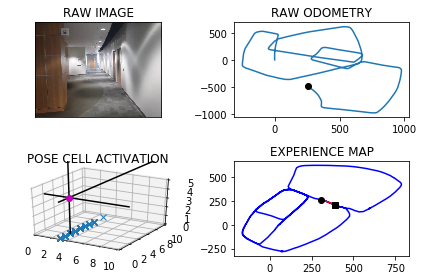
49.9249999523 seconds are elapsed per 100 frames.

The number of units of the VT is 1658

The number of units of the experience map is 1736

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The counter is 4601

The angle is reset to 179.87440056184184

Energy injection at [3, 2]

The counter is 4602

The angle is reset to 179.91208039328924

Energy injection at [3, 2]

The counter is 4606

The angle is reset to 180.4634562753025

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 4607

The angle is reset to 180.32441939271175

Energy injection at [3, 1]

The counter is 4608

The angle is reset to 180.22709357489822

Energy injection at [3, 1]

The counter is 4609

The angle is reset to 180.15896550242874

Energy injection at [3, 1]

The counter is 4610

The angle is reset to 180.1112758517001

Energy injection at [3, 1]

The counter is 4611

The angle is reset to 180.07789309619005

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 0

The counter is 4612

The angle is reset to 180.05452516733303

Energy injection at [3, 1]

The counter is 4613

The angle is reset to 180.03816761713313

Energy injection at [3, 1]

The counter is 4614

The angle is reset to 180.55171733199316

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4622

The angle is reset to 180.3862021323952

Energy injection at [3, 0]

The counter is 4623

The angle is reset to 180.27034149267664

Energy injection at [3, 0]

The counter is 4624

The angle is reset to 180.18923904487363

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4625

The angle is reset to 180.65746733141157

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4626

The angle is reset to 180.98522713198807

Energy injection at [3, 0]

The counter is 4627

The angle is reset to 181.21465899239163

Energy injection at [3, 0]

hash collision

The counter is 4629

The angle is reset to 181.37526129467415

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 4630

The angle is reset to 181.48768290627189

Energy injection at [3, 8]

The counter is 4631

The angle is reset to 181.0413780343903

Energy injection at [3, 8]

The counter is 4632

The angle is reset to 180.7289646240732

Energy injection at [3, 8]

The counter is 4633

The angle is reset to 180.51027523685124

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4634

The angle is reset to 179.83219266579584

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4635

The angle is reset to 179.88253486605706

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 4636

The angle is reset to 179.91777440623994

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4637

The angle is reset to 179.94244208436797

Energy injection at [3, 8]

The counter is 4638

The angle is reset to 179.95970945905754

Energy injection at [3, 8]

The counter is 4639

The angle is reset to 180.49679662134028

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4640

The angle is reset to 180.87275763493818

Energy injection at [3, 8]

The counter is 4641

The angle is reset to 180.61093034445673

Energy injection at [3, 8]

The counter is 4642

The angle is reset to 180.95265124111967

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

The counter is 4643

The angle is reset to 180.66685586878376

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 4644

The angle is reset to 180.46679910814865

Energy injection at [3, 7]

The counter is 4647

The angle is reset to 180.32675937570403

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 4648

The angle is reset to 180.2287315629928

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 4649

The angle is reset to 180.16011209409496

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 4650

The angle is reset to 180.63707846586647

Energy injection at [3, 7]

The counter is 4651

The angle is reset to 180.97095492610651

Energy injection at [3, 7]

The counter is 4652

The angle is reset to 180.67966844827455

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 4653

The angle is reset to 180.4757679137922

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 4654

The angle is reset to 180.33303753965453

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

The counter is 4655

The angle is reset to 180.23312627775815

Energy injection at [3, 7]

The counter is 4656

The angle is reset to 179.6381883944307

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 4657

The angle is reset to 179.22173187610144

Energy injection at [3, 6]

The counter is 4658

The angle is reset to 179.45521231327103

Energy injection at [3, 6]

The counter is 4659

The angle is reset to 179.61864861928973

Energy injection at [3, 6]

The counter is 4660

The angle is reset to 179.73305403350278

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 4661

The angle is reset to 179.81313782345194

Energy injection at [3, 6]

The counter is 4662

The angle is reset to 179.86919647641633

Energy injection at [3, 6]

The counter is 4667

The angle is reset to 179.90843753349142

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 4673

The angle is reset to 179.935906273444

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 4674

The angle is reset to 180.4801343914108

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

The counter is 4675

The angle is reset to 180.33609407398754

Energy injection at [3, 3]

The counter is 4686

The angle is reset to 181.28526585179128

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 4687

The angle is reset to 180.89968609625387

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 2

loop closure

The counter is 4690

The angle is reset to 181.15478026737773

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 4691

The angle is reset to 180.8083461871644

Energy injection at [3, 1]

The counter is 4692

The angle is reset to 180.56584233101506

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 4693

The angle is reset to 180.39608963171054

Energy injection at [3, 1]

The counter is 4694

The angle is reset to 180.27726274219737

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4695

The angle is reset to 180.19408391953814

Energy injection at [3, 0]

The counter is 4696

The angle is reset to 180.13585874367672

Energy injection at [3, 0]

The counter is 4697

The angle is reset to 180.0951011205737

Energy injection at [3, 0]

The counter is 4698

The angle is reset to 180.06657078440156

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4699

The angle is reset to 180.04659954908112

Energy injection at [3, 0]

The counter is 4700

The angle is reset to 180.03261968435677

Energy injection at [3, 0]

-----------------------------------------------------------

The current number of the iteration is 4700

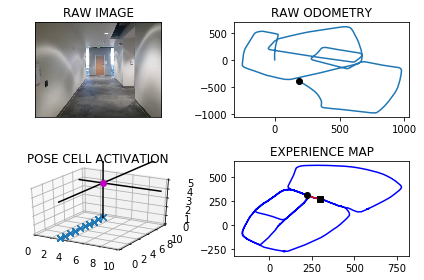
46.3980000019 seconds are elapsed per 100 frames.

The number of units of the VT is 1672

The number of units of the experience map is 1752

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The counter is 4701

The angle is reset to 180.02283377904973

Energy injection at [3, 0]

The counter is 4702

The angle is reset to 180.0159836453348

Energy injection at [3, 0]

The counter is 4703

The angle is reset to 180.01118855173436

Energy injection at [3, 0]

The counter is 4704

The angle is reset to 180.00783198621403

Energy injection at [3, 0]

The counter is 4708

The angle is reset to 180.0054823903498

Energy injection at [3, 0]

hash collision

The counter is 4709

The angle is reset to 180.00383767324487

Energy injection at [3, 0]

hash collision

The counter is 4710

The angle is reset to 180.5276863712714

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4711

The angle is reset to 180.36938045988995

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4715

The angle is reset to 180.78356632192296

Energy injection at [3, 0]

hash collision

The counter is 4716

The angle is reset to 180.54849642534606

Energy injection at [3, 0]

hash collision

The counter is 4717

The angle is reset to 180.38394749774224

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4718

The angle is reset to 180.2687632484196

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4719

The angle is reset to 180.18813427389367

Energy injection at [3, 0]

The counter is 4720

The angle is reset to 180.13169399172557

Energy injection at [3, 0]

The counter is 4724

The angle is reset to 180.0921857942079

Energy injection at [3, 5]

The counter is 4725

The angle is reset to 180.0645300559455

Energy injection at [3, 5]

The counter is 4726

The angle is reset to 180.04517103916183

Energy injection at [3, 4]

The counter is 4727

The angle is reset to 180.03161972741327

Energy injection at [3, 4]

The counter is 4728

The angle is reset to 180.02213380918928

Energy injection at [3, 4]

The counter is 4729

The angle is reset to 180.01549366643246

Energy injection at [3, 4]

The counter is 4730

The angle is reset to 180.01084556650272

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

loop closure

The counter is 4731

The angle is reset to 180.00759189655187

Energy injection at [3, 3]

The counter is 4732

The angle is reset to 180.0053143275863

Energy injection at [3, 3]

The counter is 4733

The angle is reset to 180.00372002931044

Energy injection at [3, 3]

The counter is 4734

The angle is reset to 180.00260402051728

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

loop closure

The counter is 4735

The angle is reset to 180.52682281436208

Energy injection at [3, 2]

The counter is 4736

The angle is reset to 180.36877597005343

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 2

loop closure

The counter is 4737

The angle is reset to 180.2581431790374

Energy injection at [3, 3]

The counter is 4738

The angle is reset to 193.68070022532618

Energy injection at [2, 5]

The counter is 4739

The angle is reset to 202.55149015772832

Energy injection at [2, 5]

The counter is 4740

The angle is reset to 195.78604311040982

Energy injection at [3, 2]

The counter is 4741

The angle is reset to 204.55023017728686

Energy injection at [2, 5]

The counter is 4742

The angle is reset to 210.6851611241008

Energy injection at [2, 5]

The counter is 4743

The angle is reset to 214.97961278687055

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 4

loop closure

The counter is 4744

The angle is reset to 218.5107289508094

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 1 4

current pc 2 4

The counter is 4745

The angle is reset to 220.45751026556658

Energy injection at [2, 5]

The counter is 4747

The angle is reset to 221.82025718589657

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 4748

The angle is reset to 222.7741800301276

Energy injection at [1, 4]

The counter is 4749

The angle is reset to 222.91692602108932

Energy injection at [1, 4]

The counter is 4750

The angle is reset to 223.01684821476252

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 4751

The angle is reset to 223.08679375033375

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 4754

The angle is reset to 223.1357556252336

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

loop closure

The counter is 4755

The angle is reset to 223.6950289376635

Energy injection at [1, 3]

The counter is 4756

The angle is reset to 224.08652025636445

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 2

current pc 0 3

The counter is 4757

The angle is reset to 224.36056417945508

Energy injection at [1, 4]

The counter is 4758

The angle is reset to 225.07739492561853

Energy injection at [1, 4]

The counter is 4760

The angle is reset to 226.629176447933

Energy injection at [9, 2]

The counter is 4761

The angle is reset to 226.14042351355306

Energy injection at [9, 2]

The counter is 4762

The angle is reset to 226.32329645948715

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 9 2

loop closure

The counter is 4763

The angle is reset to 225.926307521641

Energy injection at [9, 2]

The counter is 4764

The angle is reset to 225.64841526514869

Energy injection at [9, 2]

The counter is 4765

The angle is reset to 225.45389068560405

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 4766

The angle is reset to 225.31772347992285

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 4767

The angle is reset to 225.22240643594597

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 4768

The angle is reset to 225.15568450516218

Energy injection at [8, 1]

The counter is 4771

The angle is reset to 225.1089791536135

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 4772

The angle is reset to 225.07628540752944

Energy injection at [0, 2]

min\_delta\_val

2.23606797749979

e\_pc 0 2

current pc 8 1

new experience map with case 2

The counter is 4773

The angle is reset to 225.0533997852706

Energy injection at [8, 1]

hash collision

The counter is 4774

The angle is reset to 225.03737984968944

Energy injection at [8, 1]

hash collision

The counter is 4775

The angle is reset to 225.0261658947826

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 4776

The angle is reset to 224.4933161263478

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 7 0

current pc 7 1

The counter is 4777

The angle is reset to 224.64532128844343

Energy injection at [7, 0]

hash collision

The counter is 4778

The angle is reset to 224.75172490191042

Energy injection at [7, 0]

hash collision

The counter is 4779

The angle is reset to 224.82620743133728

Energy injection at [6, 9]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 7 0

loop closure

max\_exp 4

The counter is 4780

The angle is reset to 225.40334520193608

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 0

current pc 7 9

The counter is 4781

The angle is reset to 225.80734164135526

Energy injection at [7, 0]

The counter is 4782

The angle is reset to 226.09013914894868

Energy injection at [7, 9]

The counter is 4783

The angle is reset to 226.28809740426408

Energy injection at [7, 9]

The counter is 4784

The angle is reset to 226.42666818298486

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 4785

The angle is reset to 229.14866772808938

Energy injection at [6, 8]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 5 8

loop closure

The counter is 4786

The angle is reset to 228.42906740966257

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 8

The counter is 4787

The angle is reset to 230.02534718676378

Energy injection at [6, 9]

The counter is 4788

The angle is reset to 229.04274303073467

Energy injection at [6, 9]

The counter is 4793

The angle is reset to 253.40492012151427

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 4795

The angle is reset to 262.58344408505997

Energy injection at [5, 8]

over

-----------------------------------------------------------

The current number of the iteration is 4800

47.6410000324 seconds are elapsed per 100 frames.

The number of units of the VT is 1688

The number of units of the experience map is 1778

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The counter is 4812

The angle is reset to 311.90841085954196

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

loop closure

The counter is 4813

The angle is reset to 312.83588760167936

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 4814

The angle is reset to 313.48512132117554

Energy injection at [0, 0]

The counter is 4815

The angle is reset to 313.93958492482284

Energy injection at [0, 0]

min\_delta\_val

1.4142135623730951

e\_pc 9 1

current pc 0 0

The counter is 4816

The angle is reset to 313.732709447376

Energy injection at [0, 0]

The counter is 4817

The angle is reset to 314.1128966131632

Energy injection at [9, 1]

min\_delta\_val

1.4142135623730951

e\_pc 9 1

current pc 8 2

The counter is 4818

The angle is reset to 314.3790276292142

Energy injection at [9, 1]

The counter is 4819

The angle is reset to 314.5653193404499

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4820

The angle is reset to 314.6957235383149

Energy injection at [9, 1]

The counter is 4821

The angle is reset to 328.28700647682047

Energy injection at [9, 7]

min\_delta\_val

4.0

e\_pc 9 8

current pc 9 1

new experience map with case 2

The counter is 4822

The angle is reset to 337.8009045337743

Energy injection at [9, 7]

The counter is 4823

The angle is reset to 344.460633173642

Energy injection at [9, 7]

The counter is 4824

The angle is reset to 349.64744322154934

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 4825

The angle is reset to 353.27821025508456

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 4826

The angle is reset to 355.2947471785592

Energy injection at [9, 7]

The counter is 4827

The angle is reset to 356.70632302499143

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 4828

The angle is reset to 357.69442611749395

Energy injection at [9, 8]

The counter is 4829

The angle is reset to 357.8610982822457

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 4830

The angle is reset to 357.97776879757197

Energy injection at [9, 7]

The counter is 4831

The angle is reset to 358.5844381583004

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 4832

The angle is reset to 359.0091067108103

Energy injection at [9, 8]

The counter is 4833

The angle is reset to 359.30637469756715

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

loop closure

The counter is 4834

The angle is reset to 359.51446228829695

Energy injection at [9, 9]

hash collision

The counter is 4835

The angle is reset to 359.66012360180787

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 4836

The angle is reset to 359.76208652126553

Energy injection at [9, 0]

The counter is 4837

The angle is reset to 359.83346056488585

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 4838

The angle is reset to 359.8834223954201

Energy injection at [9, 0]

The counter is 4839

The angle is reset to 359.91839567679403

Energy injection at [9, 0]

The counter is 4840

The angle is reset to 359.4178769737558

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 4841

The angle is reset to 359.0675138816291

Energy injection at [9, 1]

The counter is 4842

The angle is reset to 359.34725971714033

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4843

The angle is reset to 359.5430818019982

Energy injection at [9, 1]

The counter is 4844

The angle is reset to 359.6801572613988

Energy injection at [9, 1]

The counter is 4845

The angle is reset to 359.77611008297913

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 2

The counter is 4846

The angle is reset to 359.84327705808533

Energy injection at [9, 1]

The counter is 4847

The angle is reset to 359.89029394065966

Energy injection at [9, 1]

The counter is 4848

The angle is reset to 359.9232057584618

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 4849

The angle is reset to 359.9462440309232

Energy injection at [9, 2]

The counter is 4850

The angle is reset to 359.96237082164623

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 4851

The angle is reset to 359.9736595751524

Energy injection at [9, 2]

The counter is 4852

The angle is reset to 359.98156170260665

Energy injection at [9, 2]

The counter is 4853

The angle is reset to 359.9870931918246

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 4854

The angle is reset to 359.4659652342772

Energy injection at [9, 3]

The counter is 4855

The angle is reset to 359.62617566399405

Energy injection at [9, 3]

The counter is 4856

The angle is reset to 359.73832296479577

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 4857

The angle is reset to 359.8168260753571

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 4858

The angle is reset to 359.8717782527499

Energy injection at [9, 3]

The counter is 4859

The angle is reset to 359.91024477692486

Energy injection at [9, 3]

The counter is 4860

The angle is reset to 359.9371713438474

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 4861

The angle is reset to 359.9560199406931

Energy injection at [9, 4]

The counter is 4862

The angle is reset to 359.96921395848517

Energy injection at [9, 4]

The counter is 4863

The angle is reset to 346.4784497709396

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 4864

The angle is reset to 336.50991483965777

Energy injection at [9, 4]

The counter is 4865

The angle is reset to 329.5319403877604

Energy injection at [9, 4]

The counter is 4866

The angle is reset to 338.67235827143236

Energy injection at [9, 5]

The counter is 4867

The angle is reset to 345.0706507900026

Energy injection at [9, 5]

The counter is 4868

The angle is reset to 349.5494555530018

Energy injection at [9, 5]

The counter is 4869

The angle is reset to 352.68461888710124

Energy injection at [9, 5]

The counter is 4872

The angle is reset to 355.92923322097084

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 4873

The angle is reset to 357.1504632546796

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 4877

The angle is reset to 358.00532427827574

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 4878

The angle is reset to 358.603726994793

Energy injection at [9, 6]

The counter is 4879

The angle is reset to 359.02260889635505

Energy injection at [9, 6]

The counter is 4880

The angle is reset to 359.3158262274485

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

The counter is 4881

The angle is reset to 359.52107835921396

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

The counter is 4882

The angle is reset to 359.66475485144974

Energy injection at [9, 7]

The counter is 4883

The angle is reset to 359.7653283960148

Energy injection at [9, 7]

The counter is 4884

The angle is reset to 359.8357298772103

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 4885

The angle is reset to 359.88501091404726

Energy injection at [9, 6]

The counter is 4886

The angle is reset to 359.919507639833

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

loop closure

The counter is 4887

The angle is reset to 359.94365534788307

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 4888

The angle is reset to 359.96055874351816

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 4889

The angle is reset to 359.97239112046265

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 4891

The angle is reset to 359.98067378432387

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 4892

The angle is reset to 359.9864716490267

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

The counter is 4893

The angle is reset to 359.9905301543187

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 4894

The angle is reset to 359.9933711080231

Energy injection at [9, 8]

The counter is 4895

The angle is reset to 359.9953597756161

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 8

The counter is 4896

The angle is reset to 359.99675184293125

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

loop closure

The counter is 4897

The angle is reset to 359.99772629005184

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 4898

The angle is reset to 359.9984084030363

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 4899

The angle is reset to 359.9988858821254

Energy injection at [9, 9]

The counter is 4900

The angle is reset to 359.99922011748777

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

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The current number of the iteration is 4900

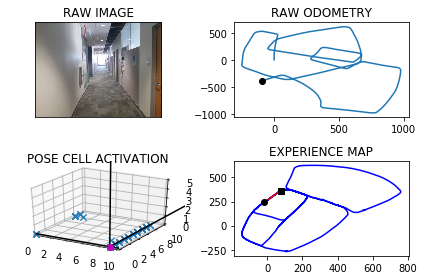
54.1050000191 seconds are elapsed per 100 frames.

The number of units of the VT is 1697

The number of units of the experience map is 1792

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The counter is 4901

The angle is reset to 359.9994540822414

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 4902

The angle is reset to 359.999617857569

Energy injection at [9, 0]

The counter is 4903

The angle is reset to 359.99973250029825

Energy injection at [9, 0]

The counter is 4904

The angle is reset to 359.9998127502088

Energy injection at [9, 0]

The counter is 4905

The angle is reset to 359.9998689251461

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4906

The angle is reset to 359.99990824760226

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4907

The angle is reset to 359.99993577332157

Energy injection at [9, 1]

The counter is 4908

The angle is reset to 359.9999550413251

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4909

The angle is reset to 359.9999685289276

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 4910

The angle is reset to 359.47497797024926

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

The counter is 4911

The angle is reset to 359.10748457917447

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 4912

The angle is reset to 359.3752392054221

Energy injection at [9, 1]

The counter is 4913

The angle is reset to 359.56266744379553

Energy injection at [9, 1]

The counter is 4914

The angle is reset to 359.69386721065683

Energy injection at [9, 1]

The counter is 4915

The angle is reset to 0.3107070474597664

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 4916

The angle is reset to 0.21749493322183647

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 4921

The angle is reset to 0.6772464532552854

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 4924

The angle is reset to 0.4740725172786998

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 4929

The angle is reset to 0.33185076209508985

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

loop closure

The counter is 4930

The angle is reset to 0.23229553346656287

Energy injection at [9, 5]

The counter is 4931

The angle is reset to 0.16260687342659402

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 4932

The angle is reset to 0.1138248113986158

Energy injection at [9, 5]

The counter is 4933

The angle is reset to 0.07967736797903106

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 4934

The angle is reset to 359.5307741575853

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

The counter is 4935

The angle is reset to 359.67154191030966

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

loop closure

The counter is 4936

The angle is reset to 359.7700793372167

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

loop closure

The counter is 4937

The angle is reset to 359.8390555360517

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 4938

The angle is reset to 359.88733887523614

Energy injection at [9, 6]

The counter is 4939

The angle is reset to 359.92113721266537

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 4940

The angle is reset to 359.9447960488657

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 4941

The angle is reset to 0.48635723420600857

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 4943

The angle is reset to 0.3404500639442059

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 4944

The angle is reset to 0.23831504476094414

Energy injection at [9, 7]

The counter is 4945

The angle is reset to 0.16682053133266087

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 4946

The angle is reset to 359.5917743719329

Energy injection at [9, 7]

The counter is 4948

The angle is reset to 359.189242060353

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 4949

The angle is reset to 359.4324694422471

Energy injection at [9, 7]

The counter is 4950

The angle is reset to 359.6027286095729

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 4951

The angle is reset to 0.24691002670104684

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 4952

The angle is reset to 0.17283701869073279

Energy injection at [9, 7]

The counter is 4953

The angle is reset to 0.12098591308351295

Energy injection at [9, 9]

hash collision

The counter is 4954

The angle is reset to 0.08469013915845908

Energy injection at [9, 9]

The counter is 4955

The angle is reset to 0.05928309741092134

Energy injection at [9, 9]

The counter is 4956

The angle is reset to 0.041498168187644936

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 4958

The angle is reset to 359.5040487177314

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 4959

The angle is reset to 359.6528341024119

Energy injection at [9, 9]

The counter is 4960

The angle is reset to 359.75698387168836

Energy injection at [9, 9]

The counter is 4961

The angle is reset to 359.8298887101818

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 4962

The angle is reset to 359.88092209712727

Energy injection at [9, 0]

The counter is 4963

The angle is reset to 359.91664546798904

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 4964

The angle is reset to 359.9416518275923

Energy injection at [9, 0]

The counter is 4965

The angle is reset to 0.48415627931463423

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4966

The angle is reset to 0.33890939552024396

Energy injection at [9, 1]

The counter is 4967

The angle is reset to 0.2372365768641708

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 4968

The angle is reset to 0.16606560380491953

Energy injection at [9, 1]

The counter is 4969

The angle is reset to 0.11624592266344369

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 4970

The angle is reset to 0.08137214586441056

Energy injection at [9, 2]

The counter is 4971

The angle is reset to 0.05696050210508739

Energy injection at [9, 2]

The counter is 4972

The angle is reset to 0.03987235147356117

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 4973

The angle is reset to 0.027910646031492823

Energy injection at [9, 2]

The counter is 4974

The angle is reset to 0.019537452222044976

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 4975

The angle is reset to 0.013676216555431484

Energy injection at [9, 3]

The counter is 4976

The angle is reset to 0.534573351588802

Energy injection at [9, 3]

The counter is 4977

The angle is reset to 0.37420134611216144

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 4978

The angle is reset to 0.261940942278513

Energy injection at [9, 3]

The counter is 4979

The angle is reset to 0.1833586595949591

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 4980

The angle is reset to 0.12835106171647134

Energy injection at [9, 4]

The counter is 4981

The angle is reset to 359.5648457432015

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 4982

The angle is reset to 359.695392020241

Energy injection at [9, 4]

The counter is 4983

The angle is reset to 359.7867744141687

Energy injection at [9, 4]

The counter is 4984

The angle is reset to 359.85074208991807

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

The counter is 4985

The angle is reset to 359.8955194629426

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

loop closure

The counter is 4986

The angle is reset to 0.45186362405984526

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 4987

The angle is reset to 0.8413045368418915

Energy injection at [9, 5]

The counter is 4988

The angle is reset to 1.113913175789324

Energy injection at [9, 5]

The counter is 4989

The angle is reset to 1.3047392230525268

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 4990

The angle is reset to 0.9133174561367687

Energy injection at [9, 6]

The counter is 4991

The angle is reset to 0.639322219295738

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 4992

The angle is reset to 0.4475255535070166

Energy injection at [9, 6]

The counter is 4993

The angle is reset to 0.31326788745491163

Energy injection at [9, 6]

The counter is 4994

The angle is reset to 0.21928752121843811

Energy injection at [9, 6]

The counter is 4995

The angle is reset to 0.1535012648529067

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 4996

The angle is reset to 0.10745088539703467

Energy injection at [9, 7]

The counter is 4997

The angle is reset to 0.07521561977792426

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

-----------------------------------------------------------

The current number of the iteration is 5000

57.992000103 seconds are elapsed per 100 frames.

The number of units of the VT is 1709

The number of units of the experience map is 1805

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-----------------------------------------------------------



The counter is 5004

The angle is reset to 359.5276509338446

Energy injection at [9, 9]

The counter is 5005

The angle is reset to 359.6693556536912

Energy injection at [9, 9]

The counter is 5006

The angle is reset to 359.7685489575838

Energy injection at [9, 9]

The counter is 5007

The angle is reset to 359.8379842703086

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 5008

The angle is reset to 359.886588989216

Energy injection at [9, 9]

The counter is 5009

The angle is reset to 0.44561229245121453

Energy injection at [9, 9]

The counter is 5010

The angle is reset to 0.8369286047158501

Energy injection at [9, 9]

The counter is 5011

The angle is reset to 0.585850023301095

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 5012

The angle is reset to 0.41009501631076645

Energy injection at [9, 0]

The counter is 5013

The angle is reset to 0.28706651141753653

Energy injection at [9, 0]

The counter is 5014

The angle is reset to 0.20094655799227557

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 5015

The angle is reset to 0.14066259059459288

Energy injection at [9, 0]

The counter is 5016

The angle is reset to 0.098463813416215

Energy injection at [9, 0]

The counter is 5017

The angle is reset to 0.0689246693913505

Energy injection at [9, 0]

The counter is 5018

The angle is reset to 0.04824726857394535

Energy injection at [9, 0]

The counter is 5019

The angle is reset to 0.03377308800176174

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 5020

The angle is reset to 0.5486411616012331

Energy injection at [9, 1]

The counter is 5021

The angle is reset to 0.38404881312086314

Energy injection at [9, 1]

The counter is 5022

The angle is reset to 0.2688341691846042

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

loop closure

The counter is 5023

The angle is reset to 0.18818391842922294

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

The counter is 5024

The angle is reset to 0.13172874290045605

Energy injection at [9, 2]

The counter is 5025

The angle is reset to 0.09221012003031923

Energy injection at [9, 2]

The counter is 5026

The angle is reset to 0.06454708402122344

Energy injection at [9, 2]

The counter is 5027

The angle is reset to 359.52018295881487

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 5028

The angle is reset to 359.1391280711704

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 5029

The angle is reset to 359.3973896498193

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 5030

The angle is reset to 359.5781727548735

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 5031

The angle is reset to 0.22972092841140557

Energy injection at [9, 3]

The counter is 5032

The angle is reset to 0.6858046498879838

Energy injection at [9, 3]

The counter is 5033

The angle is reset to 1.0050632549215885

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 5034

The angle is reset to 1.228544278445112

Energy injection at [9, 3]

The counter is 5035

The angle is reset to 1.3849809949115783

Energy injection at [9, 3]

The counter is 5036

The angle is reset to 1.4944866964381045

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 5037

The angle is reset to 1.0461406875066732

Energy injection at [9, 4]

The counter is 5038

The angle is reset to 0.7322984812546711

Energy injection at [9, 4]

The counter is 5039

The angle is reset to 0.5126089368782698

Energy injection at [9, 4]

The counter is 5040

The angle is reset to 0.35882625581478883

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

The counter is 5041

The angle is reset to 0.2511783790703522

Energy injection at [9, 5]

The counter is 5042

The angle is reset to 0.17582486534924652

Energy injection at [9, 5]

The counter is 5043

The angle is reset to 0.6480774057444725

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 5044

The angle is reset to 0.9786541840211307

Energy injection at [9, 5]

The counter is 5047

The angle is reset to 0.6850579288147914

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 5048

The angle is reset to 0.479540550170354

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 5049

The angle is reset to 0.3356783851192478

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 5050

The angle is reset to 0.23497486958347344

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 5051

The angle is reset to 0.1644824087084314

Energy injection at [9, 7]

The counter is 5052

The angle is reset to 359.5901376860959

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 5053

The angle is reset to 359.1880963802671

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

The counter is 5054

The angle is reset to 359.4316674661869

Energy injection at [9, 7]

The counter is 5055

The angle is reset to 359.60216722633083

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 5056

The angle is reset to 359.7215170584316

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 5057

The angle is reset to 359.8050619409021

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 5058

The angle is reset to 359.86354335863143

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 5059

The angle is reset to 359.9044803510419

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 9

The counter is 5060

The angle is reset to 359.9331362457293

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 5061

The angle is reset to 359.95319537201055

Energy injection at [9, 8]

The counter is 5062

The angle is reset to 359.4422367604073

Energy injection at [9, 8]

The counter is 5063

The angle is reset to 359.60956573228515

Energy injection at [9, 8]

The counter is 5064

The angle is reset to 359.7266960125996

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 5065

The angle is reset to 359.80868720881966

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 5066

The angle is reset to 359.8660810461738

Energy injection at [9, 0]

The counter is 5067

The angle is reset to 359.9062567323216

Energy injection at [9, 0]

The counter is 5068

The angle is reset to 0.45937971262512733

Energy injection at [9, 0]

The counter is 5069

The angle is reset to 0.3215657988375891

Energy injection at [9, 0]

The counter is 5070

The angle is reset to 0.2250960591863124

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 5071

The angle is reset to 0.15756724143041867

Energy injection at [9, 0]

The counter is 5072

The angle is reset to 0.11029706900129306

Energy injection at [9, 0]

The counter is 5073

The angle is reset to 0.07720794830090513

Energy injection at [9, 0]

The counter is 5074

The angle is reset to 0.05404556381063359

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 5079

The angle is reset to 0.037831894667443515

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 2

loop closure

The counter is 5080

The angle is reset to 0.02648232626721046

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 5081

The angle is reset to 0.018537628387047318

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 5082

The angle is reset to 0.012976339870933122

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 5083

The angle is reset to 0.009083437909653186

Energy injection at [9, 3]

The counter is 5086

The angle is reset to 0.006358406536757229

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 5087

The angle is reset to 0.00445088457573006

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 5088

The angle is reset to 0.003115619203011042

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

loop closure

The counter is 5090

The angle is reset to 0.0021809334421077297

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 5091

The angle is reset to 0.0015266534094754106

Energy injection at [9, 3]

The counter is 5092

The angle is reset to 0.0010686573866327874

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 5094

The angle is reset to 0.000748060170642951

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

loop closure

The counter is 5095

The angle is reset to 0.0005236421194500658

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 5096

The angle is reset to 0.000366549483615046

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

loop closure

The counter is 5097

The angle is reset to 0.0002565846385305322

Energy injection at [9, 5]

The counter is 5098

The angle is reset to 0.0001796092469713725

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 5099

The angle is reset to 0.00012572647287996074

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 5100

The angle is reset to 8.800853101597251e-05

Energy injection at [9, 5]

-----------------------------------------------------------

The current number of the iteration is 5100

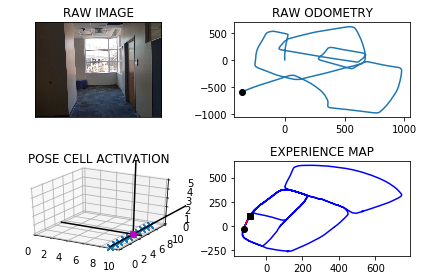
56.5899999142 seconds are elapsed per 100 frames.

The number of units of the VT is 1716

The number of units of the experience map is 1813

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-----------------------------------------------------------



The counter is 5103

The angle is reset to 0.5250616059717111

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 5109

The angle is reset to 0.36754312418019786

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 5110

The angle is reset to 359.7322801869261

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 5111

The angle is reset to 359.8125961308483

Energy injection at [9, 8]

The counter is 5112

The angle is reset to 359.86881729159376

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 5113

The angle is reset to 359.90817210411564

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 5114

The angle is reset to 359.9357204728809

Energy injection at [9, 8]

The counter is 5115

The angle is reset to 359.95500433101665

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 5116

The angle is reset to 359.96850303171163

Energy injection at [9, 8]

The counter is 5117

The angle is reset to 359.97795212219813

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 9

The counter is 5118

The angle is reset to 359.98456648553866

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 5119

The angle is reset to 359.98919653987707

Energy injection at [9, 0]

The counter is 5120

The angle is reset to 359.46743757791387

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 0

loop closure

The counter is 5121

The angle is reset to 359.1022063045397

Energy injection at [9, 9]

The counter is 5122

The angle is reset to 358.84654441317775

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 5123

The angle is reset to 359.19258108922446

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 5124

The angle is reset to 359.4348067624571

Energy injection at [9, 9]

The counter is 5125

The angle is reset to 359.60436473372

Energy injection at [9, 9]

The counter is 5126

The angle is reset to 0.2480553136039674

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 5127

The angle is reset to 0.698638719522777

Energy injection at [9, 0]

The counter is 5128

The angle is reset to 0.48904710366594384

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 5129

The angle is reset to 0.8673329725661605

Energy injection at [9, 0]

The counter is 5130

The angle is reset to 0.6071330807963123

Energy injection at [9, 0]

The counter is 5131

The angle is reset to 0.42499315655741854

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 1

The counter is 5132

The angle is reset to 0.29749520959019293

Energy injection at [9, 1]

The counter is 5133

The angle is reset to 0.20824664671313506

Energy injection at [9, 1]

The counter is 5134

The angle is reset to 0.1457726526991945

Energy injection at [9, 1]

The counter is 5135

The angle is reset to 0.10204085688943616

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 2

loop closure

The counter is 5136

The angle is reset to 0.07142859982260531

Energy injection at [9, 1]

The counter is 5137

The angle is reset to 0.05000001987582372

Energy injection at [9, 1]

The counter is 5138

The angle is reset to 0.5600000139130765

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 5139

The angle is reset to 0.9170000097391535

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 5141

The angle is reset to 1.6919000068174073

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

loop closure

The counter is 5142

The angle is reset to 2.2343300047721852

Energy injection at [9, 4]

The counter is 5145

The angle is reset to 8.389031003340527

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 5147

The angle is reset to 28.297321702338365

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

loop closure

The counter is 5148

The angle is reset to 38.03312519163686

Energy injection at [9, 5]

The counter is 5149

The angle is reset to 40.1231876341458

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 5150

The angle is reset to 41.58623134390206

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 5151

The angle is reset to 36.31036194073144

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 5152

The angle is reset to 38.917253358512006

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 5153

The angle is reset to 46.5170773509584

Energy injection at [9, 5]

The counter is 5168

The angle is reset to 47.111954145670886

Energy injection at [1, 7]

min\_delta\_val

1.4142135623730951

e\_pc 2 8

current pc 1 7

loop closure

The counter is 5179

The angle is reset to 45.428367901969615

Energy injection at [2, 8]

The counter is 5182

The angle is reset to 45.824857531378726

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 5183

The angle is reset to 45.577400271965104

Energy injection at [2, 8]

The counter is 5185

The angle is reset to 44.87918019037557

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 5186

The angle is reset to 44.9154261332629

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 5187

The angle is reset to 44.940798293284026

Energy injection at [2, 8]

The counter is 5188

The angle is reset to 44.958558805298814

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 5189

The angle is reset to 44.970991163709165

Energy injection at [2, 8]

The counter is 5190

The angle is reset to 44.97969381459641

Energy injection at [2, 8]

The counter is 5191

The angle is reset to 44.98578567021749

Energy injection at [2, 8]

The counter is 5192

The angle is reset to 44.99004996915224

Energy injection at [2, 8]

The counter is 5193

The angle is reset to 44.99303497840657

Energy injection at [2, 8]

The counter is 5194

The angle is reset to 44.9951244848846

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5195

The angle is reset to 44.47158713941922

Energy injection at [3, 9]

The counter is 5196

The angle is reset to 44.630110997593455

Energy injection at [3, 9]

The counter is 5197

The angle is reset to 44.741077698315415

Energy injection at [3, 9]

The counter is 5198

The angle is reset to 44.818754388820786

Energy injection at [2, 8]

min\_delta\_val

1.4142135623730951

e\_pc 2 8

current pc 3 9

loop closure

The counter is 5199

The angle is reset to 44.873128072174545

Energy injection at [4, 0]

The counter is 5200

The angle is reset to 45.436189650522174

Energy injection at [4, 0]

-----------------------------------------------------------

The current number of the iteration is 5200

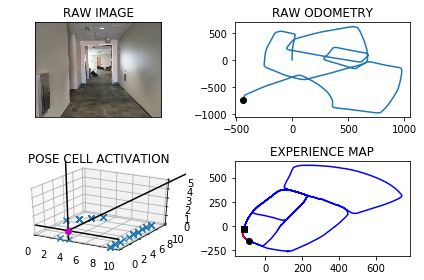
41.9739999771 seconds are elapsed per 100 frames.

The number of units of the VT is 1742

The number of units of the experience map is 1842

02/20/19 09:58:54

-----------------------------------------------------------



The counter is 5201

The angle is reset to 45.30533275536552

Energy injection at [4, 0]

The counter is 5202

The angle is reset to 45.21373292875586

Energy injection at [4, 0]

The counter is 5203

The angle is reset to 45.1496130501291

Energy injection at [4, 0]

The counter is 5204

The angle is reset to 45.104729135090366

Energy injection at [4, 0]

The counter is 5205

The angle is reset to 45.073310394563265

Energy injection at [4, 0]

The counter is 5208

The angle is reset to 44.526317276194284

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 5209

The angle is reset to 44.668422093336

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 5210

The angle is reset to 44.767895465335194

Energy injection at [5, 1]

The counter is 5211

The angle is reset to 44.83752682573463

Energy injection at [5, 1]

The counter is 5212

The angle is reset to 44.88626877801424

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 5213

The angle is reset to 44.92038814460997

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 5 1

loop closure

The counter is 5214

The angle is reset to 44.944271701226974

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 6 2

current pc 5 1

loop closure

The counter is 5215

The angle is reset to 44.96099019085889

Energy injection at [5, 1]

The counter is 5216

The angle is reset to 44.97269313360122

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 5 1

The counter is 5217

The angle is reset to 44.98088519352085

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 7 3

current pc 6 1

loop closure

The counter is 5218

The angle is reset to 44.98661963546459

Energy injection at [6, 2]

The counter is 5219

The angle is reset to 44.99063374482521

Energy injection at [6, 2]

min\_delta\_val

1.4142135623730951

e\_pc 7 3

current pc 6 2

The counter is 5220

The angle is reset to 44.99344362137765

Energy injection at [6, 2]

The counter is 5226

The angle is reset to 46.04541053496434

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

loop closure

The counter is 5227

The angle is reset to 45.73178737447504

Energy injection at [8, 4]

min\_delta\_val

1.4142135623730951

e\_pc 9 5

current pc 8 4

loop closure

The counter is 5228

The angle is reset to 45.51225116213252

Energy injection at [8, 4]

The counter is 5229

The angle is reset to 45.35857581349277

Energy injection at [8, 4]

The counter is 5230

The angle is reset to 45.251003069444934

Energy injection at [9, 5]

min\_delta\_val

1.4142135623730951

e\_pc 9 5

current pc 0 6

The counter is 5233

The angle is reset to 45.17570214861144

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 5234

The angle is reset to 45.12299150402801

Energy injection at [9, 6]

The counter is 5238

The angle is reset to 45.08609405281961

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 0 6

current pc 9 6

loop closure

The counter is 5256

The angle is reset to 42.435265836973734

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 5259

The angle is reset to 43.20468608588161

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 5260

The angle is reset to 43.743280260117125

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 5264

The angle is reset to 44.645296182081985

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 5265

The angle is reset to 44.75170732745739

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 5266

The angle is reset to 44.82619512922017

Energy injection at [2, 8]

The counter is 5267

The angle is reset to 44.87833659045412

Energy injection at [2, 8]

The counter is 5268

The angle is reset to 44.914835613317884

Energy injection at [2, 8]

The counter is 5269

The angle is reset to 44.94038492932251

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 5270

The angle is reset to 44.95826945052576

Energy injection at [2, 8]

The counter is 5273

The angle is reset to 44.97078861536803

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5274

The angle is reset to 44.97955203075762

Energy injection at [3, 9]

The counter is 5275

The angle is reset to 44.98568642153033

Energy injection at [3, 9]

The counter is 5276

The angle is reset to 44.46498049507123

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5277

The angle is reset to 43.57548634654985

Energy injection at [3, 9]

The counter is 5278

The angle is reset to 44.0028404425849

Energy injection at [3, 9]

The counter is 5279

The angle is reset to 43.776988309809425

Energy injection at [3, 9]

The counter is 5280

The angle is reset to 44.1438918168666

Energy injection at [3, 9]

The counter is 5281

The angle is reset to 43.87572427180661

Energy injection at [3, 9]

The counter is 5282

The angle is reset to 44.213006990264624

Energy injection at [3, 9]

The counter is 5283

The angle is reset to 44.449104893185236

Energy injection at [3, 9]

The counter is 5284

The angle is reset to 44.614373425229665

Energy injection at [4, 0]

min\_delta\_val

1.4142135623730951

e\_pc 4 0

current pc 3 9

The counter is 5285

The angle is reset to 44.730061397660755

Energy injection at [4, 0]

The counter is 5286

The angle is reset to 44.81104297836252

Energy injection at [4, 0]

The counter is 5287

The angle is reset to 44.34273008485377

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

The counter is 5288

The angle is reset to 44.01491105939764

Energy injection at [4, 0]

The counter is 5296

The angle is reset to 44.31043774157834

Energy injection at [4, 0]

min\_delta\_val

1.4142135623730951

e\_pc 4 0

current pc 5 1

loop closure

-----------------------------------------------------------

The current number of the iteration is 5300

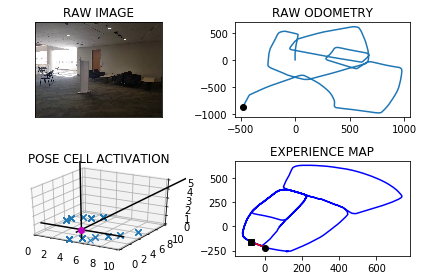
34.2880001068 seconds are elapsed per 100 frames.

The number of units of the VT is 1761

The number of units of the experience map is 1861

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The counter is 5307

The angle is reset to 55.54230641910484

Energy injection at [4, 1]

The counter is 5308

The angle is reset to 53.429614493373386

Energy injection at [4, 1]

The counter is 5313

The angle is reset to 52.47573014536137

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 5314

The angle is reset to 50.23301110175295

Energy injection at [5, 1]

The counter is 5319

The angle is reset to 48.66310777122707

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 6 2

current pc 5 1

loop closure

The counter is 5320

The angle is reset to 48.08917543985895

Energy injection at [5, 1]

The counter is 5321

The angle is reset to 47.687422807901264

Energy injection at [5, 1]

The counter is 5322

The angle is reset to 47.40619596553088

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 5 2

The counter is 5323

The angle is reset to 46.68433717587161

Energy injection at [6, 2]

The counter is 5324

The angle is reset to 45.65403602311012

Energy injection at [6, 2]

The counter is 5325

The angle is reset to 44.93282521617709

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 6 2

current pc 5 1

loop closure

The counter is 5326

The angle is reset to 44.427977651323964

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5327

The angle is reset to 44.074584355926774

Energy injection at [6, 2]

The counter is 5328

The angle is reset to 44.35220904914874

Energy injection at [6, 2]

The counter is 5329

The angle is reset to 44.54654633440411

Energy injection at [6, 2]

The counter is 5330

The angle is reset to 44.68258243408288

Energy injection at [6, 2]

The counter is 5331

The angle is reset to 45.30280770385801

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

The counter is 5332

The angle is reset to 45.211965392700606

Energy injection at [7, 3]

The counter is 5333

The angle is reset to 45.14837577489042

Energy injection at [7, 3]

The counter is 5334

The angle is reset to 45.10386304242329

Energy injection at [7, 3]

The counter is 5335

The angle is reset to 45.072704129696305

Energy injection at [7, 3]

The counter is 5336

The angle is reset to 45.05089289078741

Energy injection at [7, 3]

The counter is 5337

The angle is reset to 45.035625023551184

Energy injection at [7, 3]

The counter is 5338

The angle is reset to 44.49993751648582

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

The counter is 5339

The angle is reset to 44.12495626154008

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

loop closure

The counter is 5340

The angle is reset to 44.38746938307805

Energy injection at [7, 3]

The counter is 5341

The angle is reset to 44.57122856815464

Energy injection at [7, 3]

The counter is 5342

The angle is reset to 44.699859997708245

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

The counter is 5359

The angle is reset to 44.26490199839577

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 5360

The angle is reset to 44.48543139887703

Energy injection at [9, 5]

The counter is 5364

The angle is reset to 44.63980197921392

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

loop closure

The counter is 5365

The angle is reset to 44.747861385449745

Energy injection at [9, 5]

The counter is 5366

The angle is reset to 45.34850296981481

Energy injection at [9, 5]

The counter is 5367

The angle is reset to 45.76895207887037

Energy injection at [9, 5]

-----------------------------------------------------------

The current number of the iteration is 5400

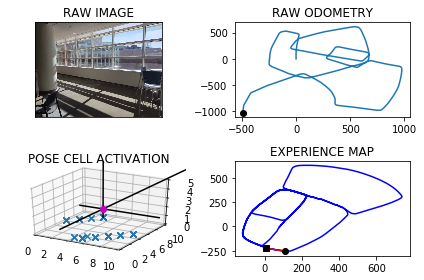
18.8540000916 seconds are elapsed per 100 frames.

The number of units of the VT is 1783

The number of units of the experience map is 1884

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-----------------------------------------------------------



The counter is 5403

The angle is reset to 43.43826645520926

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

The counter is 5404

The angle is reset to 43.90678651864648

Energy injection at [4, 0]

The counter is 5405

The angle is reset to 44.234750563052536

Energy injection at [4, 0]

The counter is 5408

The angle is reset to 44.464325394136765

Energy injection at [4, 0]

min\_delta\_val

1.4142135623730951

e\_pc 4 0

current pc 5 1

loop closure

The counter is 5409

The angle is reset to 44.62502777589574

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 5410

The angle is reset to 44.73751944312702

Energy injection at [5, 1]

The counter is 5411

The angle is reset to 44.81626361018891

Energy injection at [5, 1]

The counter is 5412

The angle is reset to 44.871384527132236

Energy injection at [5, 1]

The counter is 5413

The angle is reset to 44.90996916899257

Energy injection at [5, 1]

The counter is 5414

The angle is reset to 45.46197841829479

Energy injection at [5, 1]

The counter is 5418

The angle is reset to 46.37338489280635

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 1

loop closure

The counter is 5419

The angle is reset to 45.961369424964445

Energy injection at [6, 2]

The counter is 5420

The angle is reset to 45.14795859747511

Energy injection at [6, 2]

The counter is 5427

The angle is reset to 44.57857101823258

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5428

The angle is reset to 44.7049997127628

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 6 2

The counter is 5429

The angle is reset to 44.79349979893396

Energy injection at [6, 2]

The counter is 5430

The angle is reset to 58.355449859253774

Energy injection at [7, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 6 2

The counter is 5431

The angle is reset to 67.84881490147764

Energy injection at [7, 2]

The counter is 5432

The angle is reset to 73.96917043103434

Energy injection at [7, 2]

The counter is 5434

The angle is reset to 80.35341930172405

Energy injection at [7, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 8 2

loop closure

The counter is 5436

The angle is reset to 89.02239351120683

Energy injection at [7, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

loop closure

The counter is 5445

The angle is reset to 94.0406754578448

Energy injection at [6, 2]

The counter is 5447

The angle is reset to 97.02847282049134

Energy injection at [8, 2]

The counter is 5457

The angle is reset to 112.24493097434394

Energy injection at [1, 2]

The counter is 5458

The angle is reset to 105.57145168204076

Energy injection at [1, 2]

The counter is 5459

The angle is reset to 100.90001617742853

Energy injection at [1, 2]

The counter is 5463

The angle is reset to 97.63001132419996

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 2 2

current pc 2 2

loop closure

The counter is 5464

The angle is reset to 95.86600792693997

Energy injection at [2, 2]

The counter is 5465

The angle is reset to 94.10620554885797

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 5466

The angle is reset to 92.87434388420057

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 5467

The angle is reset to 92.0120407189404

Energy injection at [3, 2]

The counter is 5468

The angle is reset to 91.40842850325828

Energy injection at [3, 2]

The counter is 5471

The angle is reset to 90.46089995228078

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 4 2

current pc 3 2

loop closure

The counter is 5477

The angle is reset to 90.84762996659656

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 5482

The angle is reset to 90.06834097661759

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 6 2

loop closure

The counter is 5483

The angle is reset to 89.52283868363229

Energy injection at [7, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

The counter is 5484

The angle is reset to 89.6659870785426

Energy injection at [7, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

The counter is 5485

The angle is reset to 89.76619095497983

Energy injection at [7, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

The counter is 5486

The angle is reset to 89.83633366848586

Energy injection at [7, 2]

The counter is 5487

The angle is reset to 89.8854335679401

Energy injection at [7, 2]

The counter is 5488

The angle is reset to 89.91980349755805

Energy injection at [7, 2]

min\_delta\_val

1.0

e\_pc 8 2

current pc 7 2

The counter is 5489

The angle is reset to 89.94386244829064

Energy injection at [7, 2]

The counter is 5490

The angle is reset to 89.96070371380344

Energy injection at [0, 2]

The counter is 5491

The angle is reset to 89.97249259966242

Energy injection at [0, 2]

The counter is 5492

The angle is reset to 89.98074481976369

Energy injection at [0, 2]

The counter is 5493

The angle is reset to 89.98652137383456

Energy injection at [0, 2]

The counter is 5494

The angle is reset to 89.4655649616842

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 2

current pc 1 2

loop closure

The counter is 5497

The angle is reset to 89.62589547317893

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 1 2

current pc 1 2

loop closure

The counter is 5498

The angle is reset to 89.73812683122523

Energy injection at [0, 2]

The counter is 5499

The angle is reset to 89.81668878185766

Energy injection at [1, 2]

min\_delta\_val

0.0

e\_pc 1 2

current pc 1 2

-----------------------------------------------------------

The current number of the iteration is 5500

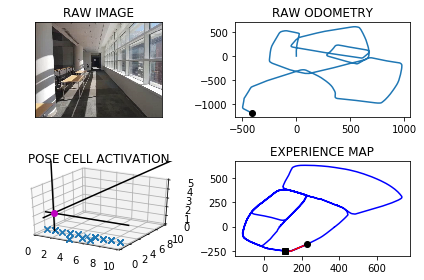
32.9909999371 seconds are elapsed per 100 frames.

The number of units of the VT is 1806

The number of units of the experience map is 1912

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The counter is 5505

The angle is reset to 89.34668214730036

Energy injection at [2, 2]

The counter is 5506

The angle is reset to 89.01767750311025

Energy injection at [2, 2]

The counter is 5507

The angle is reset to 89.31237425217716

Energy injection at [2, 2]

The counter is 5510

The angle is reset to 89.51866197652402

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 4 2

current pc 3 2

loop closure

The counter is 5511

The angle is reset to 90.18806338356681

Energy injection at [3, 2]

The counter is 5512

The angle is reset to 90.13164436849675

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 5513

The angle is reset to 90.09215105794772

Energy injection at [5, 2]

The counter is 5514

The angle is reset to 90.0645057405634

Energy injection at [5, 2]

The counter is 5515

The angle is reset to 90.04515401839438

Energy injection at [5, 2]

The counter is 5516

The angle is reset to 90.03160781287606

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 5521

The angle is reset to 88.97212546901322

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 6 2

loop closure

The counter is 5522

The angle is reset to 89.28048782830925

Energy injection at [6, 2]

The counter is 5523

The angle is reset to 89.49634147981648

Energy injection at [6, 2]

The counter is 5524

The angle is reset to 90.17243903587153

Energy injection at [8, 2]

min\_delta\_val

1.0

e\_pc 8 2

current pc 7 2

The counter is 5525

The angle is reset to 90.12070732511008

Energy injection at [8, 2]

The counter is 5526

The angle is reset to 90.08449512757704

Energy injection at [8, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 8 2

The counter is 5527

The angle is reset to 90.58414658930393

Energy injection at [8, 2]

The counter is 5528

The angle is reset to 90.40890261251275

Energy injection at [8, 2]

The counter is 5529

The angle is reset to 89.76123182875891

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 2

current pc 9 2

loop closure

The counter is 5530

The angle is reset to 89.83286228013124

Energy injection at [0, 2]

The counter is 5531

The angle is reset to 89.88300359609185

Energy injection at [0, 2]

The counter is 5532

The angle is reset to 89.9181025172643

Energy injection at [0, 2]

The counter is 5533

The angle is reset to 90.46767176208502

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 5536

The angle is reset to 91.3773702334595

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 2

current pc 1 2

loop closure

The counter is 5537

The angle is reset to 90.96415916342164

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 5538

The angle is reset to 90.67491141439515

Energy injection at [0, 2]

The counter is 5539

The angle is reset to 89.9474379900766

Energy injection at [1, 2]

min\_delta\_val

0.0

e\_pc 1 2

current pc 1 2

The counter is 5542

The angle is reset to 88.91320659305362

Energy injection at [1, 2]

min\_delta\_val

0.0

e\_pc 1 2

current pc 1 2

loop closure

The counter is 5543

The angle is reset to 89.23924461513752

Energy injection at [1, 2]

The counter is 5545

The angle is reset to 90.51747123059626

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 2 2

current pc 2 2

loop closure

The counter is 5546

The angle is reset to 90.88722986141737

Energy injection at [2, 2]

The counter is 5551

The angle is reset to 91.14606090299218

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 4 2

current pc 3 2

loop closure

The counter is 5552

The angle is reset to 90.27724263209451

Energy injection at [3, 2]

The counter is 5556

The angle is reset to 90.19406984246616

Energy injection at [4, 2]

min\_delta\_val

0.0

e\_pc 4 2

current pc 4 2

loop closure

The counter is 5557

The angle is reset to 90.13584888972629

Energy injection at [4, 2]

The counter is 5560

The angle is reset to 91.67009422280842

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 2

current pc 4 2

loop closure

The counter is 5562

The angle is reset to 91.16906595596588

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 5563

The angle is reset to 90.81834616917611

Energy injection at [5, 2]

The counter is 5564

The angle is reset to 90.04784231842328

Energy injection at [5, 2]

The counter is 5566

The angle is reset to 90.03348962289628

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5567

The angle is reset to 90.02344273602739

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 7 2

The counter is 5568

The angle is reset to 90.01640991521917

Energy injection at [7, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

The counter is 5569

The angle is reset to 90.53648694065342

Energy injection at [7, 2]

The counter is 5570

The angle is reset to 90.3755408584574

Energy injection at [7, 2]

The counter is 5571

The angle is reset to 90.78787860092018

Energy injection at [7, 2]

The counter is 5572

The angle is reset to 90.55151502064412

Energy injection at [7, 2]

The counter is 5573

The angle is reset to 90.38606051445086

Energy injection at [7, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 8 2

The counter is 5576

The angle is reset to 89.7452423601156

Energy injection at [7, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

loop closure

The counter is 5577

The angle is reset to 89.82166965208091

Energy injection at [7, 2]

The counter is 5583

The angle is reset to 91.97516875645664

Energy injection at [0, 2]

The counter is 5584

The angle is reset to 91.38261812951964

Energy injection at [0, 2]

The counter is 5585

The angle is reset to 90.96783269066376

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 5586

The angle is reset to 90.67748288346462

Energy injection at [0, 2]

The counter is 5587

The angle is reset to 90.47423801842523

Energy injection at [0, 2]

The counter is 5588

The angle is reset to 90.33196661289766

Energy injection at [1, 2]

min\_delta\_val

0.0

e\_pc 1 2

current pc 1 2

The counter is 5589

The angle is reset to 90.23237662902837

Energy injection at [1, 2]

The counter is 5590

The angle is reset to 103.66266364031983

Energy injection at [1, 2]

min\_delta\_val

0.0

e\_pc 1 2

current pc 1 2

The counter is 5591

The angle is reset to 113.06386454822388

Energy injection at [1, 2]

min\_delta\_val

0.0

e\_pc 1 2

current pc 1 2

The counter is 5592

The angle is reset to 120.16970518375672

Energy injection at [1, 2]

The counter is 5596

The angle is reset to 111.6437936286297

Energy injection at [1, 2]

min\_delta\_val

1.0

e\_pc 1 2

current pc 2 2

loop closure

The counter is 5597

The angle is reset to 105.15065554004077

Energy injection at [2, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 2 2

loop closure

The counter is 5598

The angle is reset to 100.60545887802856

Energy injection at [1, 2]

min\_delta\_val

1.0

e\_pc 2 2

current pc 3 2

loop closure

The counter is 5599

The angle is reset to 96.89882121461996

Energy injection at [2, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 2 2

The counter is 5600

The angle is reset to 94.30417485023396

Energy injection at [2, 2]

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The current number of the iteration is 5600

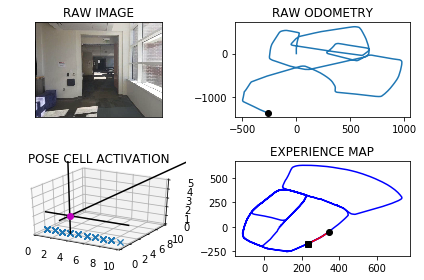
43.5090000629 seconds are elapsed per 100 frames.

The number of units of the VT is 1825

The number of units of the experience map is 1933

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The counter is 5601

The angle is reset to 93.01292239516378

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 4 2

current pc 3 2

The counter is 5602

The angle is reset to 92.10904567661463

Energy injection at [3, 2]

The counter is 5603

The angle is reset to 92.00133197363024

Energy injection at [4, 2]

min\_delta\_val

1.0

e\_pc 4 2

current pc 3 2

The counter is 5609

The angle is reset to 92.45093238154116

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5610

The angle is reset to 91.71565266707883

Energy injection at [6, 2]

The counter is 5611

The angle is reset to 90.67595686695516

Energy injection at [6, 2]

The counter is 5612

The angle is reset to 90.47316980686861

Energy injection at [6, 2]

over

over

The counter is 5614

The angle is reset to 84.03121886480801

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

over

over

The counter is 5632

The angle is reset to 82.1468532053656

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 5633

The angle is reset to 84.50279724375592

Energy injection at [0, 2]

The counter is 5634

The angle is reset to 85.62695807062914

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 5635

The angle is reset to 86.4138706494404

Energy injection at [0, 2]

The counter is 5636

The angle is reset to 87.48970945460826

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 1 2

current pc 0 2

The counter is 5637

The angle is reset to 88.24279661822578

Energy injection at [0, 2]

The counter is 5638

The angle is reset to 88.76995763275805

Energy injection at [0, 2]

The counter is 5639

The angle is reset to 89.13897034293062

Energy injection at [0, 2]

The counter is 5640

The angle is reset to 89.39727924005143

Energy injection at [1, 2]

min\_delta\_val

1.0

e\_pc 2 2

current pc 1 2

The counter is 5641

The angle is reset to 90.10309546803602

Energy injection at [1, 2]

The counter is 5642

The angle is reset to 90.07216682762521

Energy injection at [1, 2]

The counter is 5643

The angle is reset to 90.05051677933764

Energy injection at [1, 2]

The counter is 5644

The angle is reset to 90.03536174553635

Energy injection at [1, 2]

The counter is 5645

The angle is reset to 90.02475322187543

Energy injection at [2, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 2 2

The counter is 5656

The angle is reset to 91.06732725531282

Energy injection at [5, 2]

The counter is 5660

The angle is reset to 90.74712907871896

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5697

The angle is reset to 91.57299035510327

Energy injection at [6, 2]

The counter is 5698

The angle is reset to 92.15109324857228

Energy injection at [6, 2]

The counter is 5699

The angle is reset to 93.0807652740006

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

loop closure

The counter is 5700

The angle is reset to 93.7315356918004

Energy injection at [6, 2]

-----------------------------------------------------------

The current number of the iteration is 5700

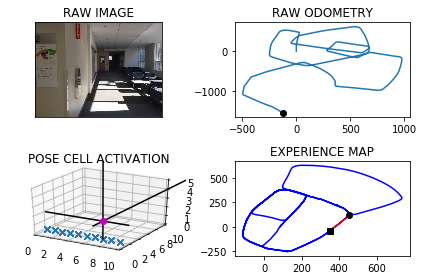
19.4379999638 seconds are elapsed per 100 frames.

The number of units of the VT is 1854

The number of units of the experience map is 1966

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The counter is 5701

The angle is reset to 93.66207498426027

Energy injection at [6, 2]

The counter is 5702

The angle is reset to 94.1384524889822

Energy injection at [6, 2]

The counter is 5703

The angle is reset to 109.02191674228752

Energy injection at [7, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

The counter is 5704

The angle is reset to 118.91534171960127

Energy injection at [7, 2]

The counter is 5705

The angle is reset to 126.36573920372086

Energy injection at [7, 2]

min\_delta\_val

1.4142135623730951

e\_pc 7 2

current pc 8 1

The counter is 5706

The angle is reset to 132.6310174426046

Energy injection at [7, 2]

min\_delta\_val

0.0

e\_pc 7 2

current pc 7 2

The counter is 5707

The angle is reset to 137.0167122098232

Energy injection at [7, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 2

The counter is 5708

The angle is reset to 129.06169854687624

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 2

The counter is 5709

The angle is reset to 130.84318898281336

Energy injection at [8, 1]

The counter is 5710

The angle is reset to 133.14023228796933

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 5711

The angle is reset to 135.27316260157852

Energy injection at [8, 1]

The counter is 5712

The angle is reset to 137.29121382110495

Energy injection at [8, 1]

min\_delta\_val

2.0

e\_pc 0 1

current pc 8 1

new experience map with case 2

The counter is 5713

The angle is reset to 138.70384967477344

Energy injection at [0, 1]

The counter is 5714

The angle is reset to 140.7426947723414

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 0

current pc 1 0

loop closure

The counter is 5715

The angle is reset to 142.16988634063898

Energy injection at [0, 0]

min\_delta\_val

1.4142135623730951

e\_pc 0 9

current pc 1 0

The counter is 5716

The angle is reset to 142.64392043844725

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 0 0

The counter is 5717

The angle is reset to 182.95074430691307

Energy injection at [5, 8]

The counter is 5718

The angle is reset to 169.61552101483912

Energy injection at [1, 9]

The counter is 5720

The angle is reset to 160.2808647103874

Energy injection at [2, 8]

min\_delta\_val

1.0

e\_pc 2 8

current pc 1 8

loop closure

The counter is 5724

The angle is reset to 153.22160529727114

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 2 6

loop closure

The counter is 5725

The angle is reset to 161.2551237080898

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 5726

The angle is reset to 166.87858659566285

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 5727

The angle is reset to 171.34001061696398

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 5731

The angle is reset to 175.5130074318748

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 5732

The angle is reset to 176.85910520231235

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5733

The angle is reset to 204.80137364161865

Energy injection at [8, 8]

The counter is 5736

The angle is reset to 223.83596154913297

Energy injection at [7, 8]

min\_delta\_val

1.0

e\_pc 7 8

current pc 7 7

loop closure

The counter is 5738

The angle is reset to 237.68517308439309

Energy injection at [2, 4]

The counter is 5739

The angle is reset to 247.37962115907516

Energy injection at [2, 4]

The counter is 5740

The angle is reset to 227.16573481135262

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 2 4

loop closure

The counter is 5741

The angle is reset to 213.0160143679468

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5742

The angle is reset to 203.11121005756277

Energy injection at [3, 4]

The counter is 5743

The angle is reset to 196.17784704029393

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

The counter is 5744

The angle is reset to 191.32449292820576

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 5745

The angle is reset to 187.92714504974398

Energy injection at [3, 3]

The counter is 5746

The angle is reset to 185.54900153482077

Energy injection at [3, 3]

The counter is 5747

The angle is reset to 183.35930107437454

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 5748

The angle is reset to 182.35151075206215

Energy injection at [3, 3]

The counter is 5749

The angle is reset to 181.64605752644349

Energy injection at [3, 3]

The counter is 5750

The angle is reset to 181.15224026851047

Energy injection at [3, 3]

The counter is 5751

The angle is reset to 181.33156818795732

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 5752

The angle is reset to 181.45709773157012

Energy injection at [3, 2]

The counter is 5753

The angle is reset to 181.01996841209908

Energy injection at [3, 2]

The counter is 5754

The angle is reset to 180.71397788846932

Energy injection at [3, 2]

The counter is 5755

The angle is reset to 180.49978452192852

Energy injection at [3, 2]

hash collision

The counter is 5756

The angle is reset to 180.87484916534996

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 5757

The angle is reset to 180.61239441574494

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 2

loop closure

The counter is 5758

The angle is reset to 180.42867609102146

Energy injection at [3, 1]

The counter is 5759

The angle is reset to 180.30007326371498

Energy injection at [3, 1]

hash collision

The counter is 5760

The angle is reset to 180.2100512846005

Energy injection at [3, 1]

hash collision

The counter is 5761

The angle is reset to 180.67203589922036

Energy injection at [3, 1]

hash collision

The counter is 5762

The angle is reset to 180.99542512945425

Energy injection at [3, 1]

hash collision

The counter is 5763

The angle is reset to 180.69679759061793

Energy injection at [3, 1]

hash collision

The counter is 5764

The angle is reset to 181.01275831343256

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 5765

The angle is reset to 180.70893081940275

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 5766

The angle is reset to 180.4962515735819

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 5767

The angle is reset to 180.3473761015073

Energy injection at [3, 1]

The counter is 5768

The angle is reset to 180.24316327105512

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 5769

The angle is reset to 179.6452142897386

Energy injection at [3, 1]

The counter is 5770

The angle is reset to 179.226650002817

Energy injection at [3, 1]

The counter is 5771

The angle is reset to 179.4586550019719

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 5772

The angle is reset to 179.6210585013803

Energy injection at [3, 1]

The counter is 5773

The angle is reset to 179.7347409509662

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

loop closure

The counter is 5774

The angle is reset to 180.33931866567633

Energy injection at [3, 9]

hash collision

The counter is 5775

The angle is reset to 180.76252306597343

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5776

The angle is reset to 181.05876614618137

Energy injection at [3, 9]

The counter is 5777

The angle is reset to 181.26613630232697

Energy injection at [3, 9]

The counter is 5778

The angle is reset to 181.41129541162886

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5779

The angle is reset to 180.9879067881402

Energy injection at [3, 9]

The counter is 5780

The angle is reset to 180.69153475169816

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 9

The counter is 5781

The angle is reset to 180.48407432618868

Energy injection at [3, 8]

The counter is 5782

The angle is reset to 180.33885202833204

Energy injection at [3, 8]

The counter is 5783

The angle is reset to 180.23719641983246

Energy injection at [3, 8]

The counter is 5784

The angle is reset to 180.16603749388273

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

The counter is 5785

The angle is reset to 180.6412262457179

Energy injection at [3, 8]

The counter is 5786

The angle is reset to 180.44885837200252

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 5787

The angle is reset to 180.31420086040177

Energy injection at [3, 8]

The counter is 5788

The angle is reset to 180.74494060228125

Energy injection at [3, 8]

The counter is 5789

The angle is reset to 180.52145842159686

Energy injection at [3, 8]

The counter is 5790

The angle is reset to 180.3650208951178

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

The counter is 5791

The angle is reset to 180.25551462658245

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 5792

The angle is reset to 179.6538602386077

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 5793

The angle is reset to 179.23270216702537

Energy injection at [3, 7]

The counter is 5794

The angle is reset to 179.46289151691775

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 5795

The angle is reset to 179.62402406184242

Energy injection at [3, 6]

The counter is 5796

The angle is reset to 179.7368168432897

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

loop closure

The counter is 5797

The angle is reset to 179.8157717903028

Energy injection at [3, 7]

The counter is 5798

The angle is reset to 179.87104025321196

Energy injection at [3, 7]

The counter is 5799

The angle is reset to 179.90972817724835

Energy injection at [3, 7]

The counter is 5800

The angle is reset to 179.93680972407384

Energy injection at [3, 7]

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The current number of the iteration is 5800

69.885999918 seconds are elapsed per 100 frames.

The number of units of the VT is 1863

The number of units of the experience map is 1982

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The counter is 5801

The angle is reset to 179.9557668068517

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 7

The counter is 5802

The angle is reset to 179.9690367647962

Energy injection at [3, 6]

The counter is 5803

The angle is reset to 179.97832573535732

Energy injection at [3, 6]

The counter is 5804

The angle is reset to 179.45982801475012

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

loop closure

The counter is 5805

The angle is reset to 179.62187961032507

Energy injection at [3, 6]

The counter is 5806

The angle is reset to 179.73531572722754

Energy injection at [3, 6]

The counter is 5807

The angle is reset to 179.81472100905927

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

The counter is 5808

The angle is reset to 179.87030470634147

Energy injection at [3, 5]

The counter is 5809

The angle is reset to 179.90921329443898

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

The counter is 5810

The angle is reset to 180.4614493061073

Energy injection at [3, 5]

The counter is 5811

The angle is reset to 180.3230145142751

Energy injection at [3, 5]

The counter is 5812

The angle is reset to 180.22611015999257

Energy injection at [3, 5]

hash collision

The counter is 5815

The angle is reset to 180.15827711199478

Energy injection at [3, 1]

The counter is 5816

The angle is reset to 180.11079397839632

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5817

The angle is reset to 180.0775557848774

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5818

The angle is reset to 180.05428904941417

Energy injection at [3, 0]

The counter is 5819

The angle is reset to 180.03800233458992

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5820

The angle is reset to 180.02660163421294

Energy injection at [3, 0]

The counter is 5821

The angle is reset to 180.01862114394905

Energy injection at [3, 0]

The counter is 5822

The angle is reset to 180.01303480076433

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 5823

The angle is reset to 180.00912436053503

Energy injection at [3, 0]

The counter is 5824

The angle is reset to 180.0063870523745

Energy injection at [3, 0]

The counter is 5825

The angle is reset to 180.00447093666213

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 0

The counter is 5826

The angle is reset to 180.00312965566346

Energy injection at [3, 0]

The counter is 5827

The angle is reset to 180.00219075896445

Energy injection at [3, 0]

The counter is 5828

The angle is reset to 180.00153353127507

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5829

The angle is reset to 180.00107347189254

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5830

The angle is reset to 180.00075143032478

Energy injection at [3, 5]

The counter is 5831

The angle is reset to 180.00052600122734

Energy injection at [3, 5]

The counter is 5832

The angle is reset to 180.00036820085916

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5833

The angle is reset to 180.00025774060137

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5834

The angle is reset to 180.00018041842097

Energy injection at [3, 5]

The counter is 5835

The angle is reset to 180.00012629289466

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 5836

The angle is reset to 180.00008840502625

Energy injection at [3, 5]

The counter is 5837

The angle is reset to 180.00006188351836

Energy injection at [3, 5]

hash collision

The counter is 5838

The angle is reset to 180.00004331846284

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5839

The angle is reset to 180.000030322924

Energy injection at [3, 5]

The counter is 5840

The angle is reset to 179.4750212260468

Energy injection at [3, 1]

The counter is 5841

The angle is reset to 179.63251485823275

Energy injection at [3, 1]

The counter is 5842

The angle is reset to 179.74276040076288

Energy injection at [3, 1]

The counter is 5843

The angle is reset to 179.81993228053403

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5844

The angle is reset to 179.87395259637378

Energy injection at [3, 0]

The counter is 5845

The angle is reset to 179.91176681746165

Energy injection at [3, 0]

The counter is 5846

The angle is reset to 179.93823677222315

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5847

The angle is reset to 179.9567657405562

Energy injection at [3, 0]

The counter is 5848

The angle is reset to 180.49473601838932

Energy injection at [3, 0]

The counter is 5849

The angle is reset to 180.34631521287253

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5850

The angle is reset to 180.24242064901077

Energy injection at [3, 0]

The counter is 5853

The angle is reset to 179.64469445430754

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

loop closure

The counter is 5854

The angle is reset to 179.75128611801526

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5855

The angle is reset to 179.82590028261066

Energy injection at [3, 0]

The counter is 5856

The angle is reset to 179.87813019782746

Energy injection at [3, 0]

The counter is 5857

The angle is reset to 179.9146911384792

Energy injection at [3, 0]

The counter is 5858

The angle is reset to 179.94028379693543

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 0

The counter is 5859

The angle is reset to 180.4831986578548

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

The counter is 5860

The angle is reset to 180.33823906049835

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 5861

The angle is reset to 180.23676734234883

Energy injection at [3, 8]

The counter is 5862

The angle is reset to 180.1657371396442

Energy injection at [3, 8]

The counter is 5863

The angle is reset to 180.11601599775094

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

The counter is 5864

The angle is reset to 180.08121119842565

Energy injection at [3, 8]

The counter is 5867

The angle is reset to 180.58184783889794

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 5868

The angle is reset to 180.93229348722858

Energy injection at [3, 7]

The counter is 5869

The angle is reset to 180.65260544106

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

The counter is 5870

The angle is reset to 180.98182380874198

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 5871

The angle is reset to 181.2122766661194

Energy injection at [3, 7]

The counter is 5874

The angle is reset to 181.37359366628354

Energy injection at [3, 6]

hash collision

The counter is 5875

The angle is reset to 180.96151556639848

Energy injection at [3, 5]

The counter is 5878

The angle is reset to 180.1480608964789

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 5879

The angle is reset to 180.1036426275352

Energy injection at [3, 4]

The counter is 5880

The angle is reset to 181.12254983927465

Energy injection at [3, 4]

The counter is 5886

The angle is reset to 182.36078488749226

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 5888

The angle is reset to 181.12754942124457

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 5889

The angle is reset to 180.7892845948712

Energy injection at [3, 2]

The counter is 5893

The angle is reset to 181.07749921640985

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 2

loop closure

The counter is 5894

The angle is reset to 180.75424945148688

Energy injection at [3, 2]

The counter is 5895

The angle is reset to 180.5279746160408

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 5896

The angle is reset to 180.36958223122855

Energy injection at [3, 1]

The counter is 5897

The angle is reset to 180.25870756185998

Energy injection at [3, 1]

The counter is 5898

The angle is reset to 180.18109529330195

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 0

-----------------------------------------------------------

The current number of the iteration is 5900

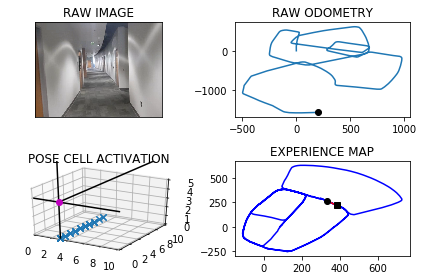
54.4660000801 seconds are elapsed per 100 frames.

The number of units of the VT is 1877

The number of units of the experience map is 2000

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The counter is 5909

The angle is reset to 179.07676670531134

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5912

The angle is reset to 178.82873669371796

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5915

The angle is reset to 179.18011568560254

Energy injection at [3, 8]

The counter is 5916

The angle is reset to 179.42608097992178

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

loop closure

The counter is 5917

The angle is reset to 179.59825668594524

Energy injection at [3, 7]

The counter is 5918

The angle is reset to 179.71877968016167

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

The counter is 5919

The angle is reset to 179.80314577611315

Energy injection at [3, 7]

The counter is 5920

The angle is reset to 179.86220204327918

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

The counter is 5923

The angle is reset to 179.37854143029543

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 5925

The angle is reset to 179.5649790012068

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5927

The angle is reset to 180.22048530084473

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5928

The angle is reset to 180.67933971059134

Energy injection at [3, 5]

The counter is 5930

The angle is reset to 181.0005377974139

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5932

The angle is reset to 180.7003764581897

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5933

The angle is reset to 180.4902635207328

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5935

The angle is reset to 179.81818446451294

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5937

The angle is reset to 179.87272912515905

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5939

The angle is reset to 179.91091038761135

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 5941

The angle is reset to 179.93763727132793

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 5942

The angle is reset to 179.95634608992953

Energy injection at [3, 5]

The counter is 5943

The angle is reset to 179.96944226295065

Energy injection at [3, 5]

The counter is 5944

The angle is reset to 179.97860958406545

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

The counter is 5945

The angle is reset to 179.98502670884582

Energy injection at [3, 4]

The counter is 5946

The angle is reset to 179.46451869619207

Energy injection at [3, 4]

The counter is 5947

The angle is reset to 179.62516308733444

Energy injection at [3, 4]

The counter is 5948

The angle is reset to 179.7376141611341

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 5949

The angle is reset to 179.81632991279383

Energy injection at [3, 4]

The counter is 5950

The angle is reset to 179.87143093895568

Energy injection at [3, 4]

The counter is 5951

The angle is reset to 180.435001657269

Energy injection at [3, 4]

The counter is 5952

The angle is reset to 180.30450116008828

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

The counter is 5953

The angle is reset to 180.21315081206177

Energy injection at [3, 4]

The counter is 5954

The angle is reset to 180.14920556844322

Energy injection at [3, 4]

The counter is 5955

The angle is reset to 180.10444389791024

Energy injection at [3, 4]

The counter is 5956

The angle is reset to 180.07311072853716

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5957

The angle is reset to 180.05117750997601

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

The counter is 5958

The angle is reset to 180.03582425698318

Energy injection at [3, 3]

The counter is 5961

The angle is reset to 180.55007697988825

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 5962

The angle is reset to 180.91005388592177

Energy injection at [3, 3]

The counter is 5963

The angle is reset to 180.6370377201452

Energy injection at [3, 3]

The counter is 5966

The angle is reset to 180.97092640410165

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 5967

The angle is reset to 180.67964848287116

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 5968

The angle is reset to 180.4757539380098

Energy injection at [3, 2]

The counter is 5969

The angle is reset to 179.80802775660683

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 5970

The angle is reset to 179.8656194296248

Energy injection at [3, 2]

The counter is 5971

The angle is reset to 179.90593360073737

Energy injection at [3, 2]

The counter is 5972

The angle is reset to 179.93415352051613

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 5973

The angle is reset to 179.9539074643613

Energy injection at [3, 1]

The counter is 5974

The angle is reset to 179.9677352250529

Energy injection at [3, 1]

The counter is 5975

The angle is reset to 180.50241465753703

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 5976

The angle is reset to 180.87669026027592

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 5977

The angle is reset to 181.13868318219312

Energy injection at [3, 1]

The counter is 5978

The angle is reset to 181.3220782275352

Energy injection at [3, 1]

The counter is 5979

The angle is reset to 180.92545475927463

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 0

The counter is 5980

The angle is reset to 180.6478183314922

Energy injection at [3, 1]

The counter is 5981

The angle is reset to 180.45347283204455

Energy injection at [3, 1]

The counter is 5982

The angle is reset to 179.79243098243114

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

loop closure

The counter is 5983

The angle is reset to 179.8547016877018

Energy injection at [3, 0]

The counter is 5984

The angle is reset to 179.89829118139127

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5985

The angle is reset to 179.92880382697385

Energy injection at [3, 9]

The counter is 5986

The angle is reset to 180.47516267888167

Energy injection at [3, 0]

hash collision

The counter is 5987

The angle is reset to 180.3326138752172

Energy injection at [3, 0]

hash collision

The counter is 5988

The angle is reset to 180.23282971265203

Energy injection at [3, 0]

hash collision

The counter is 5989

The angle is reset to 180.1629807988564

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5990

The angle is reset to 180.11408655919945

Energy injection at [3, 0]

The counter is 5991

The angle is reset to 179.5548605914396

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 5992

The angle is reset to 179.68840241400775

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5993

The angle is reset to 179.2568816898054

Energy injection at [3, 9]

The counter is 5994

The angle is reset to 179.47981718286377

Energy injection at [3, 9]

The counter is 5995

The angle is reset to 179.63587202800463

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

The counter is 5996

The angle is reset to 179.74511041960324

Energy injection at [3, 8]

The counter is 5997

The angle is reset to 180.34657729372225

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 5998

The angle is reset to 180.76760410560559

Energy injection at [3, 8]

The counter is 5999

The angle is reset to 181.06232287392388

Energy injection at [3, 8]

The counter is 6000

The angle is reset to 180.74362601174673

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

-----------------------------------------------------------

The current number of the iteration is 6000

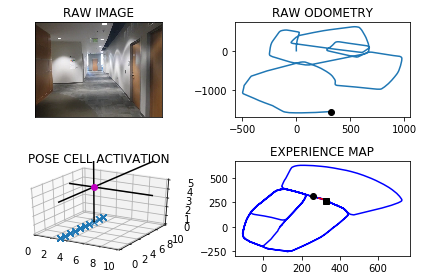
64.3180000782 seconds are elapsed per 100 frames.

The number of units of the VT is 1895

The number of units of the experience map is 2019

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The counter is 6001

The angle is reset to 180.52053820822272

Energy injection at [3, 8]

The counter is 6002

The angle is reset to 180.3643767457559

Energy injection at [3, 8]

The counter is 6003

The angle is reset to 180.2550637220291

Energy injection at [3, 8]

The counter is 6004

The angle is reset to 180.17854460542034

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 6005

The angle is reset to 179.59998122379423

Energy injection at [3, 8]

The counter is 6006

The angle is reset to 179.71998685665596

Energy injection at [3, 8]

The counter is 6007

The angle is reset to 179.80399079965915

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

loop closure

The counter is 6008

The angle is reset to 179.8627935597614

Energy injection at [3, 7]

The counter is 6009

The angle is reset to 179.903955491833

Energy injection at [3, 7]

The counter is 6010

The angle is reset to 179.9327688442831

Energy injection at [3, 7]

The counter is 6013

The angle is reset to 179.95293819099814

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

loop closure

The counter is 6019

The angle is reset to 179.96705673369868

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

loop closure

The counter is 6020

The angle is reset to 179.9769397135891

Energy injection at [3, 6]

The counter is 6021

The angle is reset to 180.50885779951233

Energy injection at [3, 6]

The counter is 6022

The angle is reset to 180.88120045965863

Energy injection at [3, 6]

The counter is 6023

The angle is reset to 180.61684032176103

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

loop closure

The counter is 6024

The angle is reset to 180.4317882252327

Energy injection at [3, 5]

The counter is 6025

The angle is reset to 180.30225175766287

Energy injection at [3, 5]

The counter is 6026

The angle is reset to 180.21157623036402

Energy injection at [3, 5]

The counter is 6027

The angle is reset to 180.1481033612548

Energy injection at [3, 5]

The counter is 6029

The angle is reset to 179.05367235287832

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 6030

The angle is reset to 179.33757064701481

Energy injection at [3, 5]

The counter is 6031

The angle is reset to 179.53629945291038

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 6032

The angle is reset to 179.67540961703727

Energy injection at [3, 4]

The counter is 6033

The angle is reset to 179.77278673192606

Energy injection at [3, 4]

The counter is 6036

The angle is reset to 179.84095071234825

Energy injection at [3, 3]

The counter is 6037

The angle is reset to 179.88866549864377

Energy injection at [3, 3]

The counter is 6038

The angle is reset to 179.92206584905063

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 6039

The angle is reset to 179.42044609433543

Energy injection at [3, 3]

The counter is 6040

The angle is reset to 179.06931226603479

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

loop closure

The counter is 6041

The angle is reset to 179.34851858622434

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 6042

The angle is reset to 179.54396301035703

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

loop closure

The counter is 6043

The angle is reset to 180.20577410724994

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 6044

The angle is reset to 180.14404187507492

Energy injection at [3, 3]

The counter is 6045

The angle is reset to 180.62582931255244

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 6046

The angle is reset to 180.4380805187867

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 2

loop closure

The counter is 6047

The angle is reset to 180.3066563631507

Energy injection at [3, 2]

The counter is 6048

The angle is reset to 180.21465945420545

Energy injection at [3, 2]

The counter is 6052

The angle is reset to 180.15026161794384

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 6053

The angle is reset to 180.10518313256065

Energy injection at [3, 1]

The counter is 6054

The angle is reset to 180.07362819279246

Energy injection at [3, 1]

The counter is 6055

The angle is reset to 180.0515397349547

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

The counter is 6056

The angle is reset to 180.03607781446826

Energy injection at [3, 0]

The counter is 6057

The angle is reset to 180.0252544701278

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 6058

The angle is reset to 180.54267812908944

Energy injection at [3, 0]

The counter is 6059

The angle is reset to 180.3798746903626

Energy injection at [3, 0]

The counter is 6060

The angle is reset to 180.2659122832538

Energy injection at [3, 0]

The counter is 6061

The angle is reset to 180.18613859827764

Energy injection at [3, 0]

The counter is 6062

The angle is reset to 179.60529701879435

Energy injection at [3, 0]

The counter is 6063

The angle is reset to 179.19870791315603

Energy injection at [3, 0]

The counter is 6064

The angle is reset to 192.9390955392092

Energy injection at [5, 8]

min\_delta\_val

2.23606797749979

e\_pc 5 8

current pc 3 0

new experience map with case 2

The counter is 6065

The angle is reset to 189.0573668774464

Energy injection at [3, 0]

hash collision

The counter is 6066

The angle is reset to 186.3401568142125

Energy injection at [3, 0]

hash collision

The counter is 6067

The angle is reset to 197.93810976994874

Energy injection at [3, 0]

min\_delta\_val

2.8284271247461903

e\_pc 5 8

current pc 3 0

new experience map with case 2

The counter is 6068

The angle is reset to 192.5566768389641

Energy injection at [3, 0]

hash collision

The counter is 6069

The angle is reset to 188.7896737872749

Energy injection at [3, 0]

hash collision

The counter is 6070

The angle is reset to 186.1527716510924

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 6071

The angle is reset to 184.3069401557647

Energy injection at [3, 0]

The counter is 6072

The angle is reset to 183.0148581090353

Energy injection at [3, 0]

The counter is 6073

The angle is reset to 182.1104006763247

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 6074

The angle is reset to 181.47728047342727

Energy injection at [3, 0]

The counter is 6078

The angle is reset to 181.0340963313991

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 6079

The angle is reset to 181.24886743197936

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

loop closure

The counter is 6080

The angle is reset to 181.39920720238555

Energy injection at [3, 5]

The counter is 6081

The angle is reset to 180.9794450416699

Energy injection at [3, 5]

The counter is 6082

The angle is reset to 180.6856115291689

Energy injection at [3, 5]

The counter is 6083

The angle is reset to 180.47992807041825

Energy injection at [3, 4]

hash collision

The counter is 6084

The angle is reset to 180.33594964929276

Energy injection at [3, 4]

hash collision

The counter is 6085

The angle is reset to 180.23516475450492

Energy injection at [3, 4]

hash collision

The counter is 6086

The angle is reset to 180.16461532815345

Energy injection at [3, 4]

hash collision

The counter is 6087

The angle is reset to 180.1152307297074

Energy injection at [3, 4]

hash collision

The counter is 6088

The angle is reset to 180.08066151079518

Energy injection at [3, 4]

The counter is 6089

The angle is reset to 180.05646305755658

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 6090

The angle is reset to 180.03952414028961

Energy injection at [3, 3]

The counter is 6091

The angle is reset to 180.0276668982027

Energy injection at [3, 3]

The counter is 6092

The angle is reset to 180.0193668287419

Energy injection at [3, 3]

The counter is 6096

The angle is reset to 180.0135567801193

Energy injection at [3, 2]

hash collision

The counter is 6097

The angle is reset to 192.9844897460835

Energy injection at [2, 5]

The counter is 6098

The angle is reset to 202.06414282225848

Energy injection at [2, 5]

hash collision

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The current number of the iteration is 6100

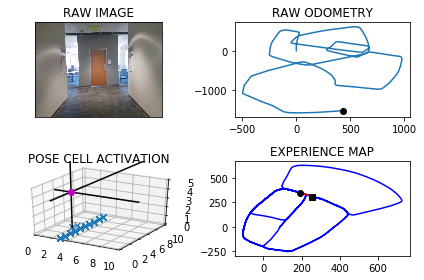
59.6949999332 seconds are elapsed per 100 frames.

The number of units of the VT is 1904

The number of units of the experience map is 2034

02/20/19 10:05:31

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The counter is 6103

The angle is reset to 208.41989997558093

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

loop closure

The counter is 6104

The angle is reset to 213.39392998290663

Energy injection at [1, 4]

min\_delta\_val

1.4142135623730951

e\_pc 2 5

current pc 1 4

loop closure

The counter is 6105

The angle is reset to 216.87575098803464

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 4

current pc 2 5

The counter is 6106

The angle is reset to 219.31302569162426

Energy injection at [2, 5]

The counter is 6111

The angle is reset to 221.01911798413695

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 6114

The angle is reset to 223.26338258889587

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 6115

The angle is reset to 224.3093678122271

Energy injection at [1, 4]

The counter is 6116

The angle is reset to 225.04155746855898

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 0 3

loop closure

The counter is 6117

The angle is reset to 225.02909022799128

Energy injection at [9, 3]

The counter is 6118

The angle is reset to 225.0203631595939

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 9 2

The counter is 6119

The angle is reset to 225.01425421171572

Energy injection at [9, 2]

The counter is 6120

The angle is reset to 224.48497794820096

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 6121

The angle is reset to 224.11448456374066

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 6122

The angle is reset to 224.38013919461847

Energy injection at [8, 1]

The counter is 6123

The angle is reset to 224.56609743623292

Energy injection at [0, 2]

The counter is 6124

The angle is reset to 224.696268205363

Energy injection at [0, 2]

The counter is 6125

The angle is reset to 224.78738774375412

Energy injection at [8, 1]

counter 6125

multiple peak # >2

[8L, 9L, 9L] [1L, 1L, 2L]

The counter is 6126

The angle is reset to 224.85117142062788

Energy injection at [0, 2]

hash collision

The counter is 6129

The angle is reset to 225.42081999443948

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6135

The angle is reset to 224.76957399610762

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

loop closure

The counter is 6137

The angle is reset to 224.83870179727532

Energy injection at [6, 8]

The counter is 6138

The angle is reset to 225.41209125809272

Energy injection at [6, 8]

The counter is 6139

The angle is reset to 225.2884638806649

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

max\_exp 5

The counter is 6143

The angle is reset to 218.3769247164654

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 5 8

loop closure

The counter is 6161

The angle is reset to 146.11384730152574

Energy injection at [4, 2]

min\_delta\_val

0.0

e\_pc 4 2

current pc 4 2

loop closure

The counter is 6162

The angle is reset to 142.25469311106798

Energy injection at [4, 2]

min\_delta\_val

0.0

e\_pc 4 2

current pc 4 2

The counter is 6163

The angle is reset to 140.07828517774757

Energy injection at [4, 2]

The counter is 6164

The angle is reset to 138.55479962442328

Energy injection at [4, 2]

The counter is 6165

The angle is reset to 137.4883597370963

Energy injection at [5, 2]

min\_delta\_val

1.4142135623730951

e\_pc 5 2

current pc 4 1

The counter is 6166

The angle is reset to 136.7418518159674

Energy injection at [5, 2]

The counter is 6167

The angle is reset to 136.21929627117717

Energy injection at [5, 2]

The counter is 6168

The angle is reset to 135.853507389824

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 6169

The angle is reset to 136.12245517287678

Energy injection at [5, 2]

The counter is 6170

The angle is reset to 135.78571862101373

Energy injection at [5, 2]

min\_delta\_val

1.4142135623730951

e\_pc 5 1

current pc 6 2

The counter is 6171

The angle is reset to 135.5500030347096

Energy injection at [5, 2]

The counter is 6172

The angle is reset to 135.3850021242967

Energy injection at [5, 2]

The counter is 6173

The angle is reset to 135.2695014870077

Energy injection at [5, 2]

The counter is 6177

The angle is reset to 134.66365104090534

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 6178

The angle is reset to 135.81455572863374

Energy injection at [5, 1]

The counter is 6179

The angle is reset to 136.09518901004358

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 6 0

current pc 5 1

The counter is 6180

The angle is reset to 136.2916323070305

Energy injection at [5, 1]

The counter is 6181

The angle is reset to 135.90414261492137

Energy injection at [5, 1]

The counter is 6184

The angle is reset to 136.15789983044493

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 5 0

loop closure

The counter is 6185

The angle is reset to 135.81052988131142

Energy injection at [6, 0]

The counter is 6186

The angle is reset to 135.042370916918

Energy injection at [6, 0]

The counter is 6187

The angle is reset to 135.02965964184258

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 0

current pc 6 0

The counter is 6188

The angle is reset to 135.0207617492898

Energy injection at [7, 0]

The counter is 6189

The angle is reset to 135.53953322450283

Energy injection at [7, 0]

counter 6189

multiple peak # >2

[7L, 7L, 8L] [0L, 9L, 9L]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 6190

The angle is reset to 135.90267325715197

Energy injection at [7, 0]

The counter is 6191

The angle is reset to 136.15687128000636

Energy injection at [7, 0]

The counter is 6192

The angle is reset to 135.80980989600445

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 6193

The angle is reset to 135.5668669272031

Energy injection at [7, 0]

The counter is 6194

The angle is reset to 135.39680684904215

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 0

current pc 8 0

The counter is 6195

The angle is reset to 135.2777647943295

Energy injection at [7, 0]

The counter is 6196

The angle is reset to 134.66943535603062

Energy injection at [7, 0]

The counter is 6197

The angle is reset to 134.24360474922142

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 8 8

current pc 7 0

The counter is 6198

The angle is reset to 133.945523324455

Energy injection at [7, 0]

The counter is 6199

The angle is reset to 133.73686632711846

Energy injection at [7, 0]

The counter is 6200

The angle is reset to 134.11580642898292

Energy injection at [7, 0]

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The current number of the iteration is 6200

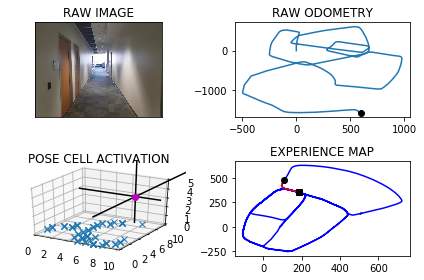
48.9619998932 seconds are elapsed per 100 frames.

The number of units of the VT is 1932

The number of units of the experience map is 2067

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The counter is 6201

The angle is reset to 134.38106450028803

Energy injection at [8, 8]

min\_delta\_val

1.4142135623730951

e\_pc 8 8

current pc 7 9

loop closure

The counter is 6202

The angle is reset to 134.56674515020163

Energy injection at [8, 8]

The counter is 6203

The angle is reset to 134.6967216051411

Energy injection at [8, 8]

min\_delta\_val

0.0

e\_pc 8 8

current pc 8 8

The counter is 6204

The angle is reset to 134.78770512359878

Energy injection at [8, 8]

The counter is 6205

The angle is reset to 134.85139358651915

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 8 8

The counter is 6206

The angle is reset to 134.8959755105634

Energy injection at [8, 8]

The counter is 6207

The angle is reset to 134.40218285739434

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 6208

The angle is reset to 134.05652800017603

Energy injection at [9, 8]

The counter is 6209

The angle is reset to 133.8145696001232

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 6210

The angle is reset to 134.1701987200862

Energy injection at [9, 8]

The counter is 6211

The angle is reset to 134.41913910406032

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 6212

The angle is reset to 134.59339737284222

Energy injection at [9, 8]

The counter is 6213

The angle is reset to 134.71537816098953

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

The counter is 6214

The angle is reset to 135.32576471269266

Energy injection at [9, 7]

The counter is 6215

The angle is reset to 135.22803529888483

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 6216

The angle is reset to 135.15962470921937

Energy injection at [9, 7]

The counter is 6217

The angle is reset to 135.11173729645355

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 0 7

The counter is 6218

The angle is reset to 135.07821610751748

Energy injection at [9, 7]

The counter is 6219

The angle is reset to 135.05475127526222

Energy injection at [9, 7]

The counter is 6220

The angle is reset to 135.03832589268353

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 6221

The angle is reset to 135.02682812487848

Energy injection at [9, 7]

The counter is 6222

The angle is reset to 135.0187796874149

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 6223

The angle is reset to 135.01314578119045

Energy injection at [9, 7]

The counter is 6224

The angle is reset to 135.00920204683328

Energy injection at [9, 7]

The counter is 6225

The angle is reset to 135.53144143278328

Energy injection at [0, 6]

The counter is 6226

The angle is reset to 135.8970090029483

Energy injection at [0, 6]

The counter is 6235

The angle is reset to 135.6279063020638

Energy injection at [1, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 1 5

loop closure

The counter is 6236

The angle is reset to 135.43953441144464

Energy injection at [1, 5]

The counter is 6237

The angle is reset to 135.83267408801123

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 1 5

The counter is 6238

The angle is reset to 136.10787186160786

Energy injection at [2, 5]

The counter is 6239

The angle is reset to 136.3005103031255

Energy injection at [2, 5]

counter 6239

multiple peak # >2

[2L, 2L, 3L] [4L, 5L, 4L]

The counter is 6240

The angle is reset to 136.43535721218782

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

The counter is 6242

The angle is reset to 137.05475004853147

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

loop closure

The counter is 6243

The angle is reset to 135.91332503397203

Energy injection at [2, 4]

The counter is 6244

The angle is reset to 135.6393275237804

Energy injection at [2, 4]

The counter is 6245

The angle is reset to 135.44752926664628

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 6246

The angle is reset to 135.31327048665239

Energy injection at [2, 4]

The counter is 6247

The angle is reset to 135.21928934065667

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

The counter is 6248

The angle is reset to 135.67850253845964

Energy injection at [2, 4]

The counter is 6249

The angle is reset to 135.47495177692176

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

The counter is 6250

The angle is reset to 135.8574662438452

Energy injection at [2, 4]

The counter is 6251

The angle is reset to 135.60022637069164

Energy injection at [2, 4]

The counter is 6252

The angle is reset to 135.42015845948413

Energy injection at [2, 4]

The counter is 6253

The angle is reset to 148.26911092163888

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

The counter is 6254

The angle is reset to 144.28837764514722

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 6255

The angle is reset to 155.00186435160305

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 3 3

The counter is 6256

The angle is reset to 162.50130504612213

Energy injection at [2, 3]

The counter is 6257

The angle is reset to 167.7509135322855

Energy injection at [2, 3]

The counter is 6258

The angle is reset to 171.95063947259985

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

The counter is 6259

The angle is reset to 174.3654476308199

Energy injection at [2, 3]

The counter is 6260

The angle is reset to 176.05581334157392

Energy injection at [2, 2]

min\_delta\_val

1.0

e\_pc 2 2

current pc 2 3

The counter is 6261

The angle is reset to 177.76406933910172

Energy injection at [2, 2]

The counter is 6262

The angle is reset to 178.4348485373712

Energy injection at [2, 2]

The counter is 6263

The angle is reset to 178.90439397615987

Energy injection at [2, 2]

The counter is 6264

The angle is reset to 179.2330757833119

Energy injection at [2, 2]

The counter is 6265

The angle is reset to 179.46315304831833

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 2

The counter is 6266

The angle is reset to 179.6242071338228

Energy injection at [2, 1]

The counter is 6267

The angle is reset to 179.73694499367593

Energy injection at [2, 1]

The counter is 6268

The angle is reset to 179.8158614955732

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 1

current pc 2 1

The counter is 6269

The angle is reset to 179.8711030469012

Energy injection at [2, 1]

The counter is 6270

The angle is reset to 179.90977213283085

Energy injection at [2, 1]

The counter is 6271

The angle is reset to 180.46184049298157

Energy injection at [2, 0]

min\_delta\_val

1.0

e\_pc 2 0

current pc 2 1

The counter is 6272

The angle is reset to 180.8482883450871

Energy injection at [2, 0]

The counter is 6273

The angle is reset to 181.11880184156098

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 0

loop closure

The counter is 6274

The angle is reset to 180.7831612890927

Energy injection at [2, 0]

min\_delta\_val

0.0

e\_pc 2 0

current pc 2 0

The counter is 6275

The angle is reset to 180.54821290236487

Energy injection at [2, 0]

The counter is 6276

The angle is reset to 180.38374903165538

Energy injection at [2, 0]

The counter is 6277

The angle is reset to 180.26862432215876

Energy injection at [2, 0]

min\_delta\_val

0.0

e\_pc 2 0

current pc 2 0

The counter is 6278

The angle is reset to 180.1880370255111

Energy injection at [2, 0]

The counter is 6279

The angle is reset to 180.13162591785778

Energy injection at [2, 0]

The counter is 6280

The angle is reset to 180.09213814250043

Energy injection at [2, 0]

The counter is 6281

The angle is reset to 179.5394966997503

Energy injection at [2, 0]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 0

The counter is 6282

The angle is reset to 179.6776476898252

Energy injection at [2, 0]

The counter is 6283

The angle is reset to 179.7743533828776

Energy injection at [2, 0]

The counter is 6284

The angle is reset to 179.8420473680143

Energy injection at [2, 8]

min\_delta\_val

1.0

e\_pc 2 8

current pc 2 9

loop closure

The counter is 6285

The angle is reset to 179.88943315761

Energy injection at [2, 8]

The counter is 6286

The angle is reset to 179.92260321032697

Energy injection at [2, 8]

The counter is 6287

The angle is reset to 179.9458222472289

Energy injection at [2, 8]

The counter is 6288

The angle is reset to 179.96207557306022

Energy injection at [2, 8]

min\_delta\_val

1.0

e\_pc 2 8

current pc 2 7

The counter is 6289

The angle is reset to 179.44845290114213

Energy injection at [2, 8]

min\_delta\_val

1.0

e\_pc 2 7

current pc 2 8

The counter is 6290

The angle is reset to 179.61391703079948

Energy injection at [2, 8]

The counter is 6291

The angle is reset to 179.72974192155962

Energy injection at [2, 8]

The counter is 6292

The angle is reset to 179.81081934509172

Energy injection at [2, 8]

The counter is 6293

The angle is reset to 179.8675735415642

Energy injection at [2, 7]

min\_delta\_val

1.0

e\_pc 2 7

current pc 2 8

The counter is 6294

The angle is reset to 179.90730147909494

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

The counter is 6295

The angle is reset to 179.93511103536648

Energy injection at [2, 7]

The counter is 6296

The angle is reset to 179.95457772475652

Energy injection at [2, 7]

The counter is 6297

The angle is reset to 179.96820440732955

Energy injection at [2, 7]

min\_delta\_val

1.0

e\_pc 2 7

current pc 2 6

The counter is 6298

The angle is reset to 179.97774308513064

Energy injection at [2, 7]

The counter is 6299

The angle is reset to 179.98442015959145

Energy injection at [2, 7]

The counter is 6300

The angle is reset to 179.989094111714

Energy injection at [2, 7]

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The current number of the iteration is 6300

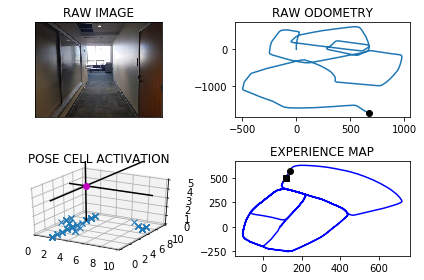
61.4330000877 seconds are elapsed per 100 frames.

The number of units of the VT is 1936

The number of units of the experience map is 2073

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The counter is 6301

The angle is reset to 179.46736587819981

Energy injection at [2, 7]

The counter is 6302

The angle is reset to 179.10215611473984

Energy injection at [2, 7]

min\_delta\_val

1.0

e\_pc 2 6

current pc 2 7

The counter is 6303

The angle is reset to 179.37150928031787

Energy injection at [2, 7]

The counter is 6304

The angle is reset to 179.56005649622247

Energy injection at [2, 7]

The counter is 6305

The angle is reset to 179.69203954735573

Energy injection at [2, 7]

The counter is 6306

The angle is reset to 179.784427683149

Energy injection at [2, 7]

The counter is 6307

The angle is reset to 179.8490993782043

Energy injection at [2, 7]

The counter is 6308

The angle is reset to 179.89436956474302

Energy injection at [2, 7]

The counter is 6309

The angle is reset to 179.9260586953201

Energy injection at [2, 7]

The counter is 6313

The angle is reset to 179.9482410867241

Energy injection at [2, 6]

min\_delta\_val

0.0

e\_pc 2 6

current pc 2 6

loop closure

The counter is 6314

The angle is reset to 179.96376876070684

Energy injection at [2, 6]

The counter is 6315

The angle is reset to 179.9746381324948

Energy injection at [2, 6]

The counter is 6316

The angle is reset to 179.98224669274632

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 6

The counter is 6317

The angle is reset to 179.98757268492244

Energy injection at [2, 5]

The counter is 6318

The angle is reset to 179.99130087944567

Energy injection at [2, 5]

The counter is 6319

The angle is reset to 180.51891061561196

Energy injection at [2, 5]

The counter is 6320

The angle is reset to 180.88823743092834

Energy injection at [2, 5]

The counter is 6321

The angle is reset to 180.62176620164985

Energy injection at [2, 5]

The counter is 6325

The angle is reset to 179.91023634115484

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 6326

The angle is reset to 179.9371654388084

Energy injection at [2, 4]

The counter is 6327

The angle is reset to 179.95601580716587

Energy injection at [2, 4]

The counter is 6328

The angle is reset to 179.96921106501608

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

The counter is 6329

The angle is reset to 179.97844774551126

Energy injection at [2, 4]

The counter is 6330

The angle is reset to 179.98491342185787

Energy injection at [2, 4]

The counter is 6331

The angle is reset to 179.98943939530048

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 2 3

current pc 2 4

The counter is 6332

The angle is reset to 179.99260757671033

Energy injection at [2, 4]

The counter is 6333

The angle is reset to 179.99482530369724

Energy injection at [2, 4]

The counter is 6334

The angle is reset to 179.99637771258801

Energy injection at [2, 4]

The counter is 6335

The angle is reset to 179.99746439881162

Energy injection at [2, 4]

The counter is 6336

The angle is reset to 179.4732250791681

Energy injection at [2, 4]

The counter is 6337

The angle is reset to 179.63125755541768

Energy injection at [2, 4]

The counter is 6338

The angle is reset to 179.74188028879237

Energy injection at [2, 4]

The counter is 6339

The angle is reset to 179.81931620215468

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 2 4

The counter is 6340

The angle is reset to 179.87352134150825

Energy injection at [2, 3]

The counter is 6341

The angle is reset to 179.91146493905578

Energy injection at [2, 3]

The counter is 6342

The angle is reset to 179.93802545733902

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

The counter is 6343

The angle is reset to 179.9566178201373

Energy injection at [2, 3]

The counter is 6344

The angle is reset to 179.96963247409607

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 2 2

The counter is 6345

The angle is reset to 179.97874273186724

Energy injection at [2, 3]

The counter is 6346

The angle is reset to 179.98511991230706

Energy injection at [2, 3]

The counter is 6348

The angle is reset to 179.9895839386149

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 2

current pc 2 3

loop closure

The counter is 6349

The angle is reset to 179.46770875703044

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 2 2

current pc 2 2

loop closure

The counter is 6350

The angle is reset to 179.6273961299213

Energy injection at [2, 2]

The counter is 6351

The angle is reset to 179.7391772909449

Energy injection at [2, 2]

The counter is 6352

The angle is reset to 179.8174241036614

Energy injection at [2, 2]

The counter is 6353

The angle is reset to 180.397196872563

Energy injection at [2, 2]

The counter is 6354

The angle is reset to 180.8030378107941

Energy injection at [2, 2]

The counter is 6355

The angle is reset to 180.56212646755586

Energy injection at [2, 2]

The counter is 6356

The angle is reset to 180.39348852728912

Energy injection at [2, 2]

The counter is 6357

The angle is reset to 180.27544196910236

Energy injection at [2, 2]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 2

The counter is 6358

The angle is reset to 180.19280937837163

Energy injection at [2, 2]

The counter is 6359

The angle is reset to 179.60996656486014

Energy injection at [2, 2]

The counter is 6360

The angle is reset to 179.7269765954021

Energy injection at [2, 2]

The counter is 6361

The angle is reset to 179.28388361678145

Energy injection at [2, 2]

The counter is 6362

The angle is reset to 179.49871853174702

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 2

The counter is 6363

The angle is reset to 179.6491029722229

Energy injection at [2, 1]

The counter is 6364

The angle is reset to 179.75437208055604

Energy injection at [2, 1]

The counter is 6365

The angle is reset to 179.8280604563892

Energy injection at [2, 1]

The counter is 6366

The angle is reset to 179.87964231947245

Energy injection at [2, 1]

The counter is 6367

The angle is reset to 179.9157496236307

Energy injection at [2, 1]

The counter is 6368

The angle is reset to 179.4160247365415

Energy injection at [2, 1]

The counter is 6378

The angle is reset to 147.716217315579

Energy injection at [2, 0]

min\_delta\_val

1.4142135623730951

e\_pc 3 0

current pc 2 9

loop closure

The counter is 6379

The angle is reset to 139.70135212090528

Energy injection at [3, 0]

counter 6379

multiple peak # >2

[2L, 3L, 3L] [9L, 0L, 9L]

min\_delta\_val

2.23606797749979

e\_pc 4 0

current pc 2 9

new experience map with case 2

The counter is 6380

The angle is reset to 135.1409464846337

Energy injection at [4, 0]

The counter is 6381

The angle is reset to 128.7986625392436

Energy injection at [4, 0]

min\_delta\_val

2.0

e\_pc 4 8

current pc 4 0

new experience map with case 2

The counter is 6389

The angle is reset to 95.10906377747048

Energy injection at [9, 7]

The counter is 6390

The angle is reset to 93.57634464422932

Energy injection at [9, 7]

The counter is 6391

The angle is reset to 92.50344125096052

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 6392

The angle is reset to 91.75240887567237

Energy injection at [9, 7]

The counter is 6393

The angle is reset to 91.22668621297065

Energy injection at [9, 7]

hash collision

The counter is 6394

The angle is reset to 90.85868034907946

Energy injection at [9, 7]

The counter is 6395

The angle is reset to 90.60107624435562

Energy injection at [9, 7]

The counter is 6396

The angle is reset to 90.42075337104893

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

The counter is 6397

The angle is reset to 90.29452735973425

Energy injection at [9, 7]

The counter is 6398

The angle is reset to 90.20616915181397

Energy injection at [9, 7]

The counter is 6399

The angle is reset to 90.14431840626978

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 9 7

The counter is 6400

The angle is reset to 90.10102288438884

Energy injection at [0, 7]

-----------------------------------------------------------

The current number of the iteration is 6400

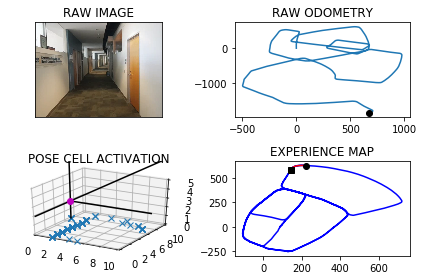
34.1800000668 seconds are elapsed per 100 frames.

The number of units of the VT is 1950

The number of units of the experience map is 2091

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The counter is 6401

The angle is reset to 90.0707160190722

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

The counter is 6402

The angle is reset to 90.04950121335052

Energy injection at [0, 7]

The counter is 6403

The angle is reset to 90.55965084934536

Energy injection at [0, 7]

The counter is 6406

The angle is reset to 91.96675559454175

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

The counter is 6407

The angle is reset to 91.37672891617922

Energy injection at [1, 7]

The counter is 6408

The angle is reset to 90.96371024132544

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6409

The angle is reset to 90.6745971689278

Energy injection at [1, 7]

The counter is 6414

The angle is reset to 90.47221801824945

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

loop closure

The counter is 6415

The angle is reset to 90.33055261277461

Energy injection at [2, 7]

The counter is 6416

The angle is reset to 90.23138682894222

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

The counter is 6417

The angle is reset to 90.16197078025955

Energy injection at [2, 7]

The counter is 6418

The angle is reset to 90.11337954618169

Energy injection at [2, 7]

The counter is 6419

The angle is reset to 90.07936568232718

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 6424

The angle is reset to 89.005555977629

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 6425

The angle is reset to 89.3038891843403

Energy injection at [3, 7]

The counter is 6426

The angle is reset to 89.5127224290382

Energy injection at [3, 7]

The counter is 6427

The angle is reset to 89.65890570032674

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

The counter is 6428

The angle is reset to 89.7612339902287

Energy injection at [4, 7]

The counter is 6429

The angle is reset to 89.8328637931601

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

The counter is 6432

The angle is reset to 89.88300465521206

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 6437

The angle is reset to 89.91810325864844

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 6438

The angle is reset to 90.46767228105391

Energy injection at [4, 7]

The counter is 6460

The angle is reset to 91.37737059673772

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 7 7

current pc 6 7

loop closure

The counter is 6465

The angle is reset to 92.01415941771643

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

loop closure

The counter is 6466

The angle is reset to 91.40991159240149

Energy injection at [7, 7]

The counter is 6467

The angle is reset to 90.98693811468104

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

The counter is 6477

The angle is reset to 91.21585668027673

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6478

The angle is reset to 90.8510996761937

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6479

The angle is reset to 90.59576977333559

Energy injection at [0, 7]

The counter is 6480

The angle is reset to 90.41703884133491

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

The counter is 6489

The angle is reset to 90.29192718893442

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

-----------------------------------------------------------

The current number of the iteration is 6500

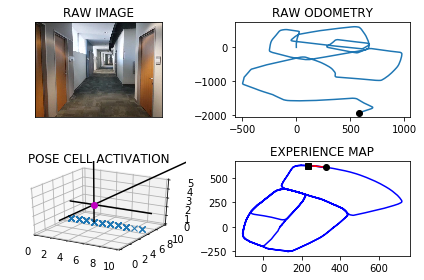
32.3929998875 seconds are elapsed per 100 frames.

The number of units of the VT is 1987

The number of units of the experience map is 2128

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The counter is 6509

The angle is reset to 89.67934903225411

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 6510

The angle is reset to 89.77554432257787

Energy injection at [3, 7]

The counter is 6511

The angle is reset to 89.8428810258045

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 4 7

current pc 3 7

The counter is 6512

The angle is reset to 89.89001671806315

Energy injection at [3, 7]

The counter is 6513

The angle is reset to 89.9230117026442

Energy injection at [3, 7]

The counter is 6515

The angle is reset to 89.94610819185095

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 6516

The angle is reset to 89.43727573429565

Energy injection at [4, 7]

The counter is 6517

The angle is reset to 89.60609301400696

Energy injection at [4, 7]

min\_delta\_val

1.0

e\_pc 5 7

current pc 4 7

The counter is 6518

The angle is reset to 89.72426510980486

Energy injection at [4, 7]

The counter is 6519

The angle is reset to 89.80698557686341

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 7

current pc 4 7

The counter is 6520

The angle is reset to 89.86488990380437

Energy injection at [5, 7]

The counter is 6521

The angle is reset to 89.90542293266306

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 6522

The angle is reset to 89.93379605286412

Energy injection at [5, 7]

The counter is 6523

The angle is reset to 89.95365723700489

Energy injection at [5, 7]

The counter is 6524

The angle is reset to 89.96756006590341

Energy injection at [5, 7]

The counter is 6527

The angle is reset to 88.9272920461324

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 6530

The angle is reset to 88.72410443229266

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 6531

The angle is reset to 89.10687310260487

Energy injection at [6, 7]

The counter is 6558

The angle is reset to 89.37481117182341

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 6565

The angle is reset to 89.56236782027636

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

The counter is 6566

The angle is reset to 89.69365747419346

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

The counter is 6567

The angle is reset to 89.7855602319354

Energy injection at [1, 7]

The counter is 6570

The angle is reset to 89.84989216235479

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

loop closure

The counter is 6571

The angle is reset to 89.89492451364835

Energy injection at [2, 7]

The counter is 6572

The angle is reset to 89.92644715955383

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

The counter is 6580

The angle is reset to 90.47351301168769

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 6583

The angle is reset to 90.33145910818138

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 6584

The angle is reset to 90.23202137572694

Energy injection at [4, 7]

The counter is 6596

The angle is reset to 89.63741496300885

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 6597

The angle is reset to 89.74619047410619

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 4 7

loop closure

The counter is 6598

The angle is reset to 89.82233333187433

Energy injection at [4, 7]

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The current number of the iteration is 6600

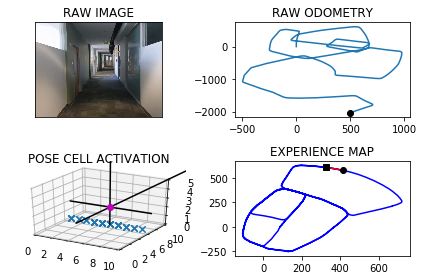
32.5179998875 seconds are elapsed per 100 frames.

The number of units of the VT is 2025

The number of units of the experience map is 2167

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The counter is 6603

The angle is reset to 89.87563333231203

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 6604

The angle is reset to 90.43794333261842

Energy injection at [4, 7]

The counter is 6610

The angle is reset to 90.30656033283289

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 6611

The angle is reset to 90.21459223298302

Energy injection at [6, 7]

The counter is 6612

The angle is reset to 90.15021456308811

Energy injection at [6, 7]

The counter is 6614

The angle is reset to 90.10515019416167

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

loop closure

The counter is 6615

The angle is reset to 90.07360513591317

Energy injection at [7, 7]

The counter is 6616

The angle is reset to 90.0515235951392

Energy injection at [7, 7]

The counter is 6617

The angle is reset to 90.03606651659744

Energy injection at [7, 7]

The counter is 6618

The angle is reset to 90.0252465616182

Energy injection at [7, 7]

The counter is 6619

The angle is reset to 90.01767259313274

Energy injection at [7, 7]

The counter is 6620

The angle is reset to 89.4873708151929

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

The counter is 6626

The angle is reset to 89.64115957063504

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

loop closure

The counter is 6627

The angle is reset to 89.7488116994445

Energy injection at [8, 7]

The counter is 6628

The angle is reset to 89.82416818961116

Energy injection at [8, 7]

The counter is 6629

The angle is reset to 89.8769177327278

Energy injection at [8, 7]

The counter is 6630

The angle is reset to 89.91384241290946

Energy injection at [8, 7]

The counter is 6631

The angle is reset to 89.93968968903663

Energy injection at [8, 7]

The counter is 6632

The angle is reset to 89.95778278232562

Energy injection at [8, 7]

The counter is 6635

The angle is reset to 89.44544794762794

Energy injection at [0, 7]

The counter is 6636

The angle is reset to 89.61181356333954

Energy injection at [0, 7]

The counter is 6637

The angle is reset to 90.25326949433769

Energy injection at [0, 7]

The counter is 6638

The angle is reset to 90.17728864603636

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6639

The angle is reset to 90.12410205222545

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6640

The angle is reset to 90.0868714365578

Energy injection at [0, 7]

The counter is 6643

The angle is reset to 90.06081000559047

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6644

The angle is reset to 89.51756700391333

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6645

The angle is reset to 89.13729690273931

Energy injection at [1, 7]

The counter is 6649

The angle is reset to 89.39610783191752

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

The counter is 6653

The angle is reset to 89.57727548234226

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

loop closure

The counter is 6654

The angle is reset to 89.70409283763958

Energy injection at [2, 7]

The counter is 6656

The angle is reset to 89.7928649863477

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 2 7

loop closure

The counter is 6657

The angle is reset to 89.85500549044338

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 4 7

loop closure

The counter is 6662

The angle is reset to 90.42350384331036

Energy injection at [4, 7]

min\_delta\_val

1.0

e\_pc 4 7

current pc 5 7

loop closure

The counter is 6663

The angle is reset to 90.29645269031725

Energy injection at [4, 7]

The counter is 6665

The angle is reset to 90.20751688322208

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 6666

The angle is reset to 89.62026181825544

Energy injection at [4, 7]

min\_delta\_val

1.0

e\_pc 4 7

current pc 5 7

loop closure

The counter is 6667

The angle is reset to 89.2091832727788

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 6668

The angle is reset to 88.92142829094514

Energy injection at [5, 7]

The counter is 6669

The angle is reset to 89.24499980366159

Energy injection at [5, 7]

The counter is 6670

The angle is reset to 89.4714998625631

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 6672

The angle is reset to 90.68004990379417

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 7 7

loop closure

The counter is 6675

The angle is reset to 90.47603493265592

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

loop closure

The counter is 6676

The angle is reset to 90.33322445285914

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

The counter is 6678

The angle is reset to 89.70825711700138

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

loop closure

The counter is 6679

The angle is reset to 89.27077998190096

Energy injection at [8, 7]

The counter is 6686

The angle is reset to 90.01454598733066

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6687

The angle is reset to 90.01018219113148

Energy injection at [0, 7]

The counter is 6690

The angle is reset to 88.95712753379203

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 1 7

loop closure

The counter is 6697

The angle is reset to 89.26998927365443

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

-----------------------------------------------------------

The current number of the iteration is 6700

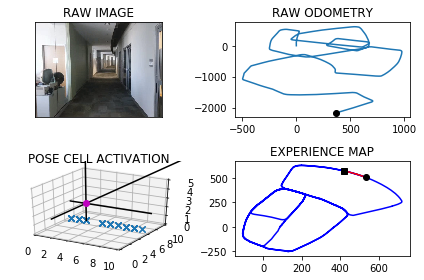
47.5920000076 seconds are elapsed per 100 frames.

The number of units of the VT is 2055

The number of units of the experience map is 2198

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The counter is 6717

The angle is reset to 88.96399249155809

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 6718

The angle is reset to 89.79979474409065

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 6719

The angle is reset to 89.85985632086346

Energy injection at [5, 7]

The counter is 6723

The angle is reset to 89.90189942460442

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 7

current pc 6 7

loop closure

The counter is 6724

The angle is reset to 89.9313295972231

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 6725

The angle is reset to 89.42693071805616

Energy injection at [5, 7]

The counter is 6726

The angle is reset to 89.5988515026393

Energy injection at [5, 7]

The counter is 6729

The angle is reset to 89.7191960518475

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 5 7

loop closure

The counter is 6730

The angle is reset to 89.80343723629325

Energy injection at [6, 7]

The counter is 6732

The angle is reset to 89.86240606540527

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

loop closure

The counter is 6735

The angle is reset to 89.90368424578367

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

loop closure

The counter is 6748

The angle is reset to 88.35757897204856

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6751

The angle is reset to 88.85030528043399

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

loop closure

The counter is 6752

The angle is reset to 89.19521369630378

Energy injection at [1, 7]

The counter is 6753

The angle is reset to 89.43664958741265

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6754

The angle is reset to 89.60565471118885

Energy injection at [1, 7]

The counter is 6755

The angle is reset to 89.72395829783218

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6756

The angle is reset to 89.80677080848251

Energy injection at [1, 7]

The counter is 6757

The angle is reset to 89.86473956593777

Energy injection at [2, 7]

min\_delta\_val

1.0

e\_pc 2 7

current pc 1 7

The counter is 6758

The angle is reset to 89.90531769615644

Energy injection at [2, 7]

The counter is 6764

The angle is reset to 90.9837223873095

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 6765

The angle is reset to 90.68860567111665

Energy injection at [3, 7]

The counter is 6766

The angle is reset to 90.48202396978165

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 6767

The angle is reset to 90.33741677884714

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 4 7

current pc 3 7

loop closure

The counter is 6768

The angle is reset to 90.236191745193

Energy injection at [3, 7]

The counter is 6769

The angle is reset to 89.6403342216351

Energy injection at [3, 7]

The counter is 6770

The angle is reset to 89.74823395514456

Energy injection at [4, 7]

min\_delta\_val

1.0

e\_pc 4 7

current pc 3 7

The counter is 6775

The angle is reset to 89.82376376860118

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 6776

The angle is reset to 89.87663463802083

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 6778

The angle is reset to 89.91364424661458

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 6779

The angle is reset to 89.9395509726302

Energy injection at [5, 7]

The counter is 6782

The angle is reset to 89.95768568084114

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 5 7

loop closure

The counter is 6789

The angle is reset to 89.97037997658879

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

loop closure

The counter is 6790

The angle is reset to 89.97926598361215

Energy injection at [7, 7]

The counter is 6791

The angle is reset to 89.9854861885285

Energy injection at [7, 7]

The counter is 6794

The angle is reset to 88.93984033196993

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

loop closure

The counter is 6795

The angle is reset to 89.25788823237896

Energy injection at [7, 7]

The counter is 6796

The angle is reset to 89.48052176266526

Energy injection at [8, 7]

min\_delta\_val

1.0

e\_pc 8 7

current pc 7 7

The counter is 6797

The angle is reset to 89.63636523386567

Energy injection at [8, 7]

The counter is 6798

The angle is reset to 89.74545566370597

Energy injection at [8, 7]

The counter is 6799

The angle is reset to 89.82181896459417

Energy injection at [8, 7]

The counter is 6800

The angle is reset to 89.87527327521592

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

-----------------------------------------------------------

The current number of the iteration is 6800

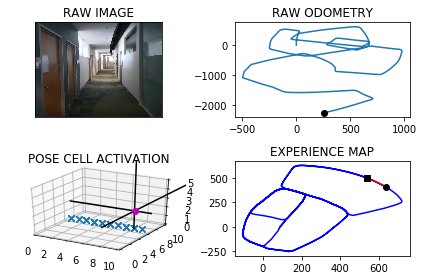
45.6669998169 seconds are elapsed per 100 frames.

The number of units of the VT is 2087

The number of units of the experience map is 2230

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The counter is 6801

The angle is reset to 89.91269129265113

Energy injection at [8, 7]

The counter is 6809

The angle is reset to 89.93888390485579

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6810

The angle is reset to 89.95721873339905

Energy injection at [0, 7]

The counter is 6813

The angle is reset to 89.97005311337932

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6814

The angle is reset to 89.97903717936552

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

The counter is 6815

The angle is reset to 89.98532602555586

Energy injection at [0, 7]

The counter is 6817

The angle is reset to 89.9897282178891

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 6818

The angle is reset to 89.99280975252236

Energy injection at [0, 7]

The counter is 6819

The angle is reset to 89.99496682676566

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 1 7

The counter is 6820

The angle is reset to 89.99647677873595

Energy injection at [0, 7]

The counter is 6827

The angle is reset to 91.57253374511517

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

The counter is 6828

The angle is reset to 90.57577362158061

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 2 7

loop closure

The counter is 6829

The angle is reset to 90.40304153510642

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6830

The angle is reset to 90.2821290745745

Energy injection at [1, 7]

The counter is 6831

The angle is reset to 90.19749035220214

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 2 7

current pc 1 7

The counter is 6835

The angle is reset to 90.1382432465415

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 2 7

current pc 1 7

loop closure

The counter is 6849

The angle is reset to 90.09677027257905

Energy injection at [5, 7]

The counter is 6854

The angle is reset to 89.54273919080532

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 6855

The angle is reset to 89.67991743356373

Energy injection at [5, 7]

The counter is 6856

The angle is reset to 89.7759422034946

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 6857

The angle is reset to 89.84315954244622

Energy injection at [6, 7]

The counter is 6867

The angle is reset to 90.41521167971234

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

loop closure

The counter is 6868

The angle is reset to 90.29064817579865

Energy injection at [7, 7]

The counter is 6869

The angle is reset to 90.20345372305904

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

The counter is 6872

The angle is reset to 90.14241760614132

Energy injection at [8, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 7 7

loop closure

The counter is 6873

The angle is reset to 90.09969232429891

Energy injection at [8, 7]

The counter is 6876

The angle is reset to 89.01978462700923

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 8 7

loop closure

The counter is 6877

The angle is reset to 89.31384923890646

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 9 7

loop closure

The counter is 6878

The angle is reset to 89.51969446723452

Energy injection at [0, 7]

The counter is 6879

The angle is reset to 89.66378612706417

Energy injection at [0, 7]

The counter is 6885

The angle is reset to 89.76465028894489

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 1 7

loop closure

The counter is 6886

The angle is reset to 89.3102552022614

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 1 7

The counter is 6887

The angle is reset to 89.51717864158297

Energy injection at [0, 7]

The counter is 6888

The angle is reset to 89.66202504910808

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

The counter is 6889

The angle is reset to 89.76341753437565

Energy injection at [0, 7]

The counter is 6890

The angle is reset to 89.83439227406295

Energy injection at [0, 7]

The counter is 6891

The angle is reset to 89.88407459184407

Energy injection at [0, 7]

The counter is 6892

The angle is reset to 89.91885221429082

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6893

The angle is reset to 89.94319655000359

Energy injection at [1, 7]

The counter is 6894

The angle is reset to 89.9602375850025

Energy injection at [1, 7]

The counter is 6895

The angle is reset to 89.97216630950173

Energy injection at [1, 7]

The counter is 6896

The angle is reset to 89.98051641665121

Energy injection at [1, 7]

The counter is 6897

The angle is reset to 89.46136149165585

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6898

The angle is reset to 89.0979530441591

Energy injection at [1, 7]

The counter is 6899

The angle is reset to 89.36856713091136

Energy injection at [1, 7]

The counter is 6900

The angle is reset to 89.55799699163795

Energy injection at [1, 7]

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The current number of the iteration is 6900

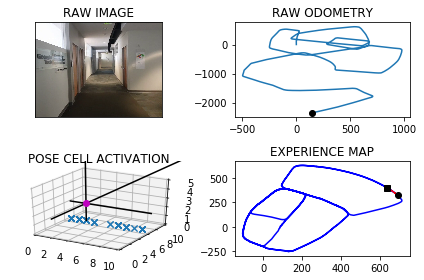
44.8339998722 seconds are elapsed per 100 frames.

The number of units of the VT is 2115

The number of units of the experience map is 2259

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The counter is 6903

The angle is reset to 89.69059789414656

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 2 7

current pc 1 7

loop closure

The counter is 6904

The angle is reset to 89.7834185259026

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 6905

The angle is reset to 89.84839296813182

Energy injection at [3, 7]

The counter is 6906

The angle is reset to 89.89387507769226

Energy injection at [3, 7]

The counter is 6907

The angle is reset to 89.92571255438459

Energy injection at [3, 7]

The counter is 6908

The angle is reset to 89.9479987880692

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 6909

The angle is reset to 89.43859915164843

Energy injection at [3, 7]

The counter is 6910

The angle is reset to 89.6070194061539

Energy injection at [3, 7]

The counter is 6911

The angle is reset to 89.72491358430773

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 6914

The angle is reset to 89.8074395090154

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 6915

The angle is reset to 89.86520765631077

Energy injection at [4, 7]

The counter is 6916

The angle is reset to 89.90564535941753

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 6917

The angle is reset to 89.40895175159227

Energy injection at [5, 7]

The counter is 6919

The angle is reset to 88.01126622611457

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 6928

The angle is reset to 51.4828863582802

Energy injection at [8, 8]

The counter is 6929

The angle is reset to 45.863020450796135

Energy injection at [8, 8]

min\_delta\_val

0.0

e\_pc 8 8

current pc 8 8

loop closure

The counter is 6930

The angle is reset to 30.004114315557295

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 9

current pc 8 8

The counter is 6931

The angle is reset to 16.277880020890105

Energy injection at [8, 9]

min\_delta\_val

1.0

e\_pc 8 0

current pc 8 9

The counter is 6947

The angle is reset to 355.644516014623

Energy injection at [8, 4]

min\_delta\_val

1.0

e\_pc 8 5

current pc 8 4

loop closure

The counter is 6956

The angle is reset to 358.52616121023607

Energy injection at [8, 6]

The counter is 6957

The angle is reset to 358.96831284716524

Energy injection at [8, 6]

The counter is 6958

The angle is reset to 359.27781899301567

Energy injection at [8, 6]

The counter is 6961

The angle is reset to 358.96947329511096

Energy injection at [8, 6]

min\_delta\_val

0.0

e\_pc 8 6

current pc 8 6

loop closure

The counter is 6962

The angle is reset to 359.2786313065776

Energy injection at [8, 6]

The counter is 6970

The angle is reset to 359.4950419146043

Energy injection at [8, 6]

min\_delta\_val

1.0

e\_pc 8 6

current pc 8 7

loop closure

The counter is 6971

The angle is reset to 359.646529340223

Energy injection at [8, 6]

The counter is 6972

The angle is reset to 359.7525705381561

Energy injection at [8, 6]

The counter is 6973

The angle is reset to 359.8267993767092

Energy injection at [8, 6]

The counter is 6974

The angle is reset to 359.87875956369646

Energy injection at [8, 6]

The counter is 6975

The angle is reset to 359.9151316945875

Energy injection at [8, 6]

The counter is 6976

The angle is reset to 359.9405921862113

Energy injection at [8, 7]

min\_delta\_val

1.0

e\_pc 8 7

current pc 8 6

The counter is 6977

The angle is reset to 359.95841453034785

Energy injection at [8, 7]

The counter is 6978

The angle is reset to 0.4958901712435091

Energy injection at [8, 7]

The counter is 6979

The angle is reset to 0.34712311987045635

Energy injection at [8, 7]

The counter is 6980

The angle is reset to 0.24298618390931942

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

The counter is 6981

The angle is reset to 0.17009032873652358

Energy injection at [8, 7]

The counter is 6982

The angle is reset to 0.11906323011556649

Energy injection at [8, 7]

The counter is 6983

The angle is reset to 0.08334426108089654

Energy injection at [8, 7]

The counter is 6984

The angle is reset to 0.05834098275662759

Energy injection at [8, 7]

The counter is 6985

The angle is reset to 0.04083868792963931

Energy injection at [8, 7]

The counter is 6986

The angle is reset to 0.5535870815507474

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 8

current pc 8 7

The counter is 6987

The angle is reset to 0.38751095708552313

Energy injection at [8, 8]

The counter is 6988

The angle is reset to 0.2712576699598662

Energy injection at [8, 8]

The counter is 6989

The angle is reset to 0.18988036897190635

Energy injection at [8, 8]

The counter is 6990

The angle is reset to 0.13291625828033443

Energy injection at [8, 8]

The counter is 6991

The angle is reset to 0.09304138079623409

Energy injection at [8, 8]

The counter is 6992

The angle is reset to 0.06512896655736386

Energy injection at [8, 8]

The counter is 6993

The angle is reset to 359.52059027659016

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 9

current pc 8 8

The counter is 6994

The angle is reset to 359.6644131936131

Energy injection at [8, 8]

The counter is 6995

The angle is reset to 359.76508923552916

Energy injection at [8, 8]

The counter is 6996

The angle is reset to 359.83556246487046

Energy injection at [8, 8]

The counter is 6997

The angle is reset to 359.88489372540926

Energy injection at [8, 8]

The counter is 6998

The angle is reset to 359.9194256077865

Energy injection at [8, 8]

The counter is 6999

The angle is reset to 359.9435979254505

Energy injection at [8, 8]

The counter is 7000

The angle is reset to 359.96051854781524

Energy injection at [8, 9]

min\_delta\_val

1.0

e\_pc 8 9

current pc 8 8

-----------------------------------------------------------

The current number of the iteration is 7000

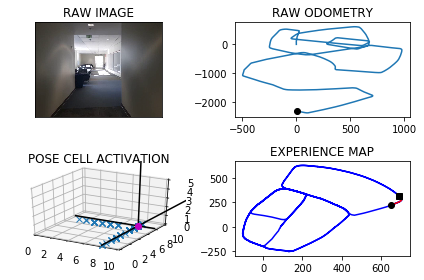
40.4699997902 seconds are elapsed per 100 frames.

The number of units of the VT is 2136

The number of units of the experience map is 2282

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The counter is 7001

The angle is reset to 359.9723629834707

Energy injection at [8, 9]

The counter is 7002

The angle is reset to 359.9806540884295

Energy injection at [8, 9]

The counter is 7003

The angle is reset to 359.98645786190065

Energy injection at [8, 9]

The counter is 7004

The angle is reset to 359.99052050333046

Energy injection at [8, 9]

The counter is 7005

The angle is reset to 359.99336435233124

Energy injection at [8, 0]

min\_delta\_val

0.0

e\_pc 8 0

current pc 8 0

The counter is 7006

The angle is reset to 359.9953550466319

Energy injection at [8, 0]

The counter is 7010

The angle is reset to 359.9967485326423

Energy injection at [8, 0]

min\_delta\_val

0.0

e\_pc 8 0

current pc 8 0

loop closure

The counter is 7011

The angle is reset to 359.99772397284966

Energy injection at [8, 0]

The counter is 7012

The angle is reset to 359.99840678099474

Energy injection at [8, 0]

The counter is 7026

The angle is reset to 359.9988847466963

Energy injection at [8, 2]

min\_delta\_val

1.0

e\_pc 8 2

current pc 8 3

loop closure

The counter is 7027

The angle is reset to 359.4742193226874

Energy injection at [8, 2]

min\_delta\_val

1.0

e\_pc 8 2

current pc 8 3

loop closure

The counter is 7028

The angle is reset to 359.6319535258811

Energy injection at [8, 2]

The counter is 7029

The angle is reset to 359.74236746811675

Energy injection at [8, 2]

The counter is 7030

The angle is reset to 359.8196572276817

Energy injection at [8, 2]

min\_delta\_val

0.0

e\_pc 8 2

current pc 8 2

The counter is 7031

The angle is reset to 0.3987600593772036

Energy injection at [8, 2]

The counter is 7032

The angle is reset to 0.2791320415640425

Energy injection at [8, 2]

The counter is 7033

The angle is reset to 0.7203924290948296

Energy injection at [8, 2]

The counter is 7034

The angle is reset to 0.5042747003663808

Energy injection at [8, 2]

The counter is 7049

The angle is reset to 1.9279922902564657

Energy injection at [8, 5]

The counter is 7050

The angle is reset to 1.3495946031795258

Energy injection at [8, 5]

min\_delta\_val

1.0

e\_pc 8 6

current pc 8 5

loop closure

The counter is 7051

The angle is reset to 0.9447162222256682

Energy injection at [8, 5]

The counter is 7054

The angle is reset to 1.1863013555579678

Energy injection at [8, 6]

min\_delta\_val

0.0

e\_pc 8 6

current pc 8 6

loop closure

The counter is 7055

The angle is reset to 1.3554109488905772

Energy injection at [8, 7]

min\_delta\_val

1.0

e\_pc 8 7

current pc 8 6

The counter is 7056

The angle is reset to 0.9487876642234042

Energy injection at [8, 7]

The counter is 7057

The angle is reset to 0.6641513649563828

Energy injection at [8, 7]

The counter is 7058

The angle is reset to 0.46490595546946795

Energy injection at [8, 8]

The counter is 7059

The angle is reset to 0.3254341688286276

Energy injection at [8, 8]

The counter is 7060

The angle is reset to 0.22780391818003928

Energy injection at [8, 9]

min\_delta\_val

0.0

e\_pc 8 9

current pc 8 9

loop closure

The counter is 7061

The angle is reset to 0.15946274272602745

Energy injection at [8, 9]

The counter is 7062

The angle is reset to 0.11162391990821922

Energy injection at [8, 9]

The counter is 7063

The angle is reset to 0.07813674393575346

Energy injection at [8, 9]

min\_delta\_val

0.0

e\_pc 8 0

current pc 8 0

The counter is 7064

The angle is reset to 0.05469572075502742

Energy injection at [8, 9]

The counter is 7065

The angle is reset to 0.038287004528519186

Energy injection at [8, 9]

The counter is 7066

The angle is reset to 0.026800903169963433

Energy injection at [8, 9]

The counter is 7069

The angle is reset to 0.5437606322189743

Energy injection at [8, 0]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

loop closure

The counter is 7070

The angle is reset to 0.38063244255328205

Energy injection at [8, 0]

The counter is 7071

The angle is reset to 0.2664427097872974

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 7072

The angle is reset to 0.1865098968511082

Energy injection at [8, 1]

The counter is 7073

The angle is reset to 0.13055692779577568

Energy injection at [8, 1]

The counter is 7074

The angle is reset to 0.091389849457043

Energy injection at [8, 1]

The counter is 7075

The angle is reset to 0.06397289461993008

Energy injection at [8, 1]

The counter is 7076

The angle is reset to 0.044781026233951055

Energy injection at [8, 3]

min\_delta\_val

1.0

e\_pc 8 3

current pc 8 2

loop closure

The counter is 7077

The angle is reset to 0.031346718363765735

Energy injection at [8, 3]

The counter is 7078

The angle is reset to 0.546942702854636

Energy injection at [8, 3]

The counter is 7079

The angle is reset to 0.38285989199824516

Energy injection at [8, 3]

min\_delta\_val

0.0

e\_pc 8 3

current pc 8 3

The counter is 7080

The angle is reset to 0.2680019243987716

Energy injection at [8, 3]

The counter is 7081

The angle is reset to 0.18760134707914006

Energy injection at [8, 3]

The counter is 7082

The angle is reset to 0.13132094295539806

Energy injection at [8, 4]

min\_delta\_val

1.0

e\_pc 8 5

current pc 8 4

The counter is 7083

The angle is reset to 0.09192466006877863

Energy injection at [8, 4]

The counter is 7084

The angle is reset to 0.06434726204814503

Energy injection at [8, 4]

The counter is 7085

The angle is reset to 0.045043083433701524

Energy injection at [8, 4]

The counter is 7086

The angle is reset to 0.031530158403591066

Energy injection at [8, 6]

min\_delta\_val

0.0

e\_pc 8 6

current pc 8 6

loop closure

The counter is 7087

The angle is reset to 0.5470711108825137

Energy injection at [8, 6]

The counter is 7088

The angle is reset to 1.4329497776177593

Energy injection at [8, 6]

The counter is 7089

The angle is reset to 1.0030648443324315

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

The counter is 7090

The angle is reset to 1.227145391032702

Energy injection at [8, 7]

The counter is 7091

The angle is reset to 0.8590017737228912

Energy injection at [8, 7]

The counter is 7092

The angle is reset to 0.6013012416060238

Energy injection at [8, 9]

The counter is 7093

The angle is reset to 0.42091086912421666

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 9

current pc 8 8

loop closure

The counter is 7094

The angle is reset to 0.2946376083869517

Energy injection at [8, 9]

hash collision

The counter is 7095

The angle is reset to 0.20624632587086617

Energy injection at [8, 9]

hash collision

The counter is 7096

The angle is reset to 359.6193724281096

Energy injection at [8, 8]

The counter is 7097

The angle is reset to 359.73356069967673

Energy injection at [8, 8]

The counter is 7098

The angle is reset to 359.8134924897737

Energy injection at [8, 8]

The counter is 7099

The angle is reset to 359.86944474284155

Energy injection at [8, 9]

hash collision

The counter is 7100

The angle is reset to 0.4336113199890848

Energy injection at [8, 9]

hash collision

-----------------------------------------------------------

The current number of the iteration is 7100

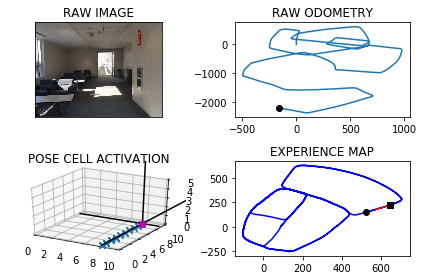
48.7879998684 seconds are elapsed per 100 frames.

The number of units of the VT is 2151

The number of units of the experience map is 2300

02/20/19 10:12:48

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The counter is 7101

The angle is reset to 0.30352792399235934

Energy injection at [8, 9]

hash collision

The counter is 7102

The angle is reset to 0.21246954679465152

Energy injection at [8, 9]

hash collision

The counter is 7103

The angle is reset to 0.14872868275625603

Energy injection at [8, 9]

hash collision

The counter is 7104

The angle is reset to 0.10411007792937922

Energy injection at [8, 9]

hash collision

The counter is 7105

The angle is reset to 0.07287705455056546

Energy injection at [8, 9]

hash collision

The counter is 7106

The angle is reset to 0.05101393818539582

Energy injection at [8, 9]

hash collision

The counter is 7107

The angle is reset to 0.03570975672977707

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

loop closure

The counter is 7108

The angle is reset to 0.024996829710843948

Energy injection at [8, 1]

The counter is 7109

The angle is reset to 0.017497780797590762

Energy injection at [8, 1]

The counter is 7110

The angle is reset to 0.012248446558313532

Energy injection at [8, 1]

The counter is 7111

The angle is reset to 0.008573912590819473

Energy injection at [8, 1]

The counter is 7112

The angle is reset to 0.00600173881357363

Energy injection at [8, 1]

The counter is 7113

The angle is reset to 0.004201217169501541

Energy injection at [8, 1]

The counter is 7114

The angle is reset to 0.0029408520186510784

Energy injection at [8, 2]

min\_delta\_val

1.0

e\_pc 8 3

current pc 8 2

The counter is 7120

The angle is reset to 359.47705859641303

Energy injection at [8, 2]

min\_delta\_val

0.0

e\_pc 8 2

current pc 8 2

loop closure

The counter is 7121

The angle is reset to 359.6339410174891

Energy injection at [8, 2]

The counter is 7122

The angle is reset to 359.7437587122423

Energy injection at [8, 3]

min\_delta\_val

1.0

e\_pc 8 2

current pc 8 3

The counter is 7123

The angle is reset to 359.82063109856955

Energy injection at [8, 3]

The counter is 7124

The angle is reset to 0.39944176899872325

Energy injection at [8, 3]

The counter is 7125

The angle is reset to 0.2796092382991063

Energy injection at [8, 3]

The counter is 7126

The angle is reset to 0.1957264668093744

Energy injection at [8, 3]

The counter is 7127

The angle is reset to 0.13700852676656208

Energy injection at [8, 3]

The counter is 7128

The angle is reset to 0.09590596873659346

Energy injection at [8, 3]

The counter is 7129

The angle is reset to 0.06713417811561541

Energy injection at [8, 3]

The counter is 7130

The angle is reset to 0.04699392468093078

Energy injection at [8, 3]

The counter is 7131

The angle is reset to 0.032895747276651545

Energy injection at [8, 3]

The counter is 7132

The angle is reset to 0.02302702309365608

Energy injection at [8, 3]

The counter is 7133

The angle is reset to 0.016118916165559254

Energy injection at [8, 3]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

loop closure

The counter is 7134

The angle is reset to 0.011283241315891477

Energy injection at [8, 4]

min\_delta\_val

1.0

e\_pc 8 5

current pc 8 4

The counter is 7135

The angle is reset to 0.007898268921124035

Energy injection at [8, 4]

The counter is 7136

The angle is reset to 0.005528788244786824

Energy injection at [8, 4]

The counter is 7137

The angle is reset to 0.003870151771350777

Energy injection at [8, 4]

The counter is 7138

The angle is reset to 359.4777091062399

Energy injection at [8, 4]

The counter is 7139

The angle is reset to 359.1093963743679

Energy injection at [8, 4]

The counter is 7140

The angle is reset to 358.3265774620575

Energy injection at [8, 4]

The counter is 7141

The angle is reset to 357.77860422344025

Energy injection at [8, 4]

The counter is 7142

The angle is reset to 357.3950229564081

Energy injection at [8, 4]

The counter is 7143

The angle is reset to 356.07651606948565

Energy injection at [8, 5]

min\_delta\_val

1.0

e\_pc 8 5

current pc 8 4

The counter is 7144

The angle is reset to 355.15356124863996

Energy injection at [8, 5]

The counter is 7145

The angle is reset to 353.45749287404794

Energy injection at [8, 6]

min\_delta\_val

1.0

e\_pc 8 6

current pc 8 5

The counter is 7146

The angle is reset to 352.2702450118335

Energy injection at [8, 6]

The counter is 7147

The angle is reset to 351.43917150828344

Energy injection at [8, 6]

min\_delta\_val

6.0

e\_pc 8 6

current pc 8 6

new experience map with case 2

The counter is 7148

The angle is reset to 337.3574200557984

Energy injection at [8, 6]

The counter is 7150

The angle is reset to 318.5751940390589

Energy injection at [8, 6]

min\_delta\_val

1.4142135623730951

e\_pc 7 7

current pc 8 6

loop closure

The counter is 7151

The angle is reset to 313.3026358273412

Energy injection at [7, 7]

min\_delta\_val

1.0

e\_pc 7 7

current pc 8 7

The counter is 7152

The angle is reset to 309.6118450791388

Energy injection at [7, 7]

min\_delta\_val

0.0

e\_pc 7 7

current pc 7 7

The counter is 7153

The angle is reset to 307.0282915553972

Energy injection at [7, 7]

min\_delta\_val

1.4142135623730951

e\_pc 6 8

current pc 7 7

The counter is 7154

The angle is reset to 306.269804088778

Energy injection at [6, 8]

min\_delta\_val

1.4142135623730951

e\_pc 6 8

current pc 5 9

The counter is 7155

The angle is reset to 292.76386286214455

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 5 8

The counter is 7156

The angle is reset to 283.8347040035012

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 7157

The angle is reset to 278.1092928024508

Energy injection at [5, 8]

hash collision

The counter is 7158

The angle is reset to 275.15150496171555

Energy injection at [4, 8]

min\_delta\_val

0.0

e\_pc 4 8

current pc 4 8

loop closure

The counter is 7159

The angle is reset to 273.0810534732009

Energy injection at [4, 8]

min\_delta\_val

0.0

e\_pc 4 8

current pc 4 8

The counter is 7160

The angle is reset to 272.1567374312406

Energy injection at [4, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 7161

The angle is reset to 272.0347162018684

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 7164

The angle is reset to 245.99930134130784

Energy injection at [2, 7]

min\_delta\_val

1.0

e\_pc 2 6

current pc 2 7

loop closure

The counter is 7166

The angle is reset to 253.19951093891547

Energy injection at [0, 8]

The counter is 7167

The angle is reset to 258.23965765724085

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

loop closure

The counter is 7169

The angle is reset to 261.76776036006856

Energy injection at [9, 8]

The counter is 7170

The angle is reset to 264.237432252048

Energy injection at [9, 8]

The counter is 7172

The angle is reset to 265.9662025764336

Energy injection at [8, 8]

min\_delta\_val

0.0

e\_pc 8 8

current pc 8 8

loop closure

The counter is 7173

The angle is reset to 267.7013418035035

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 8

current pc 7 8

The counter is 7174

The angle is reset to 268.9159392624524

Energy injection at [8, 8]

hash collision

The counter is 7175

The angle is reset to 269.7661574837167

Energy injection at [7, 8]

min\_delta\_val

0.0

e\_pc 7 8

current pc 7 8

loop closure

The counter is 7176

The angle is reset to 270.3613102386017

Energy injection at [7, 8]

The counter is 7177

The angle is reset to 270.77791716702114

Energy injection at [7, 8]

min\_delta\_val

1.0

e\_pc 7 8

current pc 6 8

The counter is 7178

The angle is reset to 244.06954201691477

Energy injection at [3, 4]

The counter is 7179

The angle is reset to 224.8486794118403

Energy injection at [3, 4]

hash collision

The counter is 7180

The angle is reset to 238.39407558828822

Energy injection at [2, 4]

hash collision

The counter is 7181

The angle is reset to 220.87585291180176

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 7182

The angle is reset to 208.6130970382612

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7183

The angle is reset to 200.55416792678287

Energy injection at [3, 4]

The counter is 7184

The angle is reset to 194.387917548748

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

The counter is 7186

The angle is reset to 190.59654228412361

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 7187

The angle is reset to 187.94257959888654

Energy injection at [3, 3]

The counter is 7188

The angle is reset to 186.08480571922055

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7189

The angle is reset to 184.25936400345438

Energy injection at [3, 3]

The counter is 7190

The angle is reset to 182.98155480241806

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

The counter is 7191

The angle is reset to 182.08708836169265

Energy injection at [3, 2]

The counter is 7192

The angle is reset to 181.4609618531848

Energy injection at [3, 2]

The counter is 7193

The angle is reset to 181.02267329722937

Energy injection at [3, 2]

The counter is 7194

The angle is reset to 180.71587130806057

Energy injection at [3, 2]

The counter is 7195

The angle is reset to 180.5011099156424

Energy injection at [3, 2]

The counter is 7196

The angle is reset to 180.87577694094966

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7197

The angle is reset to 181.66304385866476

Energy injection at [3, 2]

The counter is 7198

The angle is reset to 181.6891307010653

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 7199

The angle is reset to 181.7073914907457

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 7200

The angle is reset to 181.19517404352197

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

-----------------------------------------------------------

The current number of the iteration is 7200

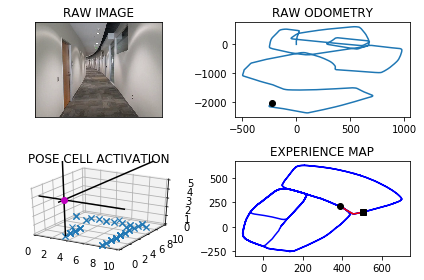
94.9869999886 seconds are elapsed per 100 frames.

The number of units of the VT is 2158

The number of units of the experience map is 2313

02/20/19 10:14:23

-----------------------------------------------------------



The counter is 7201

The angle is reset to 180.8366218304654

Energy injection at [3, 2]

The counter is 7203

The angle is reset to 180.58563528132572

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 7204

The angle is reset to 180.40994469692802

Energy injection at [3, 1]

The counter is 7205

The angle is reset to 180.2869612878496

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 7206

The angle is reset to 180.20087290149473

Energy injection at [3, 1]

The counter is 7207

The angle is reset to 180.14061103104632

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

loop closure

The counter is 7208

The angle is reset to 180.62342772173238

Energy injection at [3, 0]

The counter is 7209

The angle is reset to 180.9613994052127

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 0

loop closure

The counter is 7210

The angle is reset to 181.19797958364887

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 7211

The angle is reset to 180.8385857085542

Energy injection at [3, 1]

The counter is 7212

The angle is reset to 180.58700999598793

Energy injection at [3, 1]

The counter is 7213

The angle is reset to 180.41090699719155

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 0

loop closure

The counter is 7214

The angle is reset to 180.28763489803407

Energy injection at [3, 9]

The counter is 7215

The angle is reset to 180.20134442862386

Energy injection at [3, 9]

The counter is 7216

The angle is reset to 180.14094110003668

Energy injection at [3, 9]

The counter is 7217

The angle is reset to 180.09865877002568

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7218

The angle is reset to 180.06906113901795

Energy injection at [3, 9]

The counter is 7219

The angle is reset to 180.04834279731256

Energy injection at [3, 9]

The counter is 7220

The angle is reset to 180.5588399581188

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 9

The counter is 7221

The angle is reset to 180.91618797068315

Energy injection at [3, 8]

The counter is 7222

The angle is reset to 181.1663315794782

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

The counter is 7223

The angle is reset to 180.81643210563473

Energy injection at [3, 8]

The counter is 7224

The angle is reset to 180.57150247394432

Energy injection at [3, 8]

The counter is 7227

The angle is reset to 180.400051731761

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 7228

The angle is reset to 180.2800362122327

Energy injection at [3, 7]

The counter is 7229

The angle is reset to 180.19602534856287

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

The counter is 7230

The angle is reset to 180.13721774399397

Energy injection at [3, 8]

The counter is 7231

The angle is reset to 180.6210524207958

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7232

The angle is reset to 180.95973669455702

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7233

The angle is reset to 181.19681568618992

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 7

The counter is 7234

The angle is reset to 180.83777098033295

Energy injection at [3, 6]

The counter is 7235

The angle is reset to 180.58643968623304

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

loop closure

The counter is 7236

The angle is reset to 180.41050778036313

Energy injection at [3, 7]

The counter is 7237

The angle is reset to 180.2873554462542

Energy injection at [3, 7]

The counter is 7238

The angle is reset to 180.20114881237794

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 7239

The angle is reset to 180.14080416866454

Energy injection at [3, 6]

The counter is 7240

The angle is reset to 180.0985629180652

Energy injection at [3, 6]

The counter is 7241

The angle is reset to 180.0689940426456

Energy injection at [3, 6]

The counter is 7242

The angle is reset to 180.57329582985193

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

The counter is 7243

The angle is reset to 180.92630708089635

Energy injection at [3, 6]

The counter is 7244

The angle is reset to 180.64841495662742

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

The counter is 7245

The angle is reset to 180.45389046963922

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 7246

The angle is reset to 180.31772332874746

Energy injection at [3, 5]

The counter is 7247

The angle is reset to 180.2224063301232

Energy injection at [3, 1]

The counter is 7248

The angle is reset to 180.15568443108623

Energy injection at [3, 5]

The counter is 7249

The angle is reset to 180.10897910176033

Energy injection at [3, 8]

counter 7249

multiple peak # >2

[3L, 3L, 3L] [4L, 8L, 9L]

min\_delta\_val

4.0

e\_pc 3 8

current pc 3 4

new experience map with case 2

The counter is 7253

The angle is reset to 180.07628537123222

Energy injection at [3, 1]

The counter is 7254

The angle is reset to 180.05339975986254

Energy injection at [3, 1]

The counter is 7255

The angle is reset to 180.56237983190377

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 7256

The angle is reset to 180.91866588233265

Energy injection at [3, 0]

The counter is 7257

The angle is reset to 181.16806611763286

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 7258

The angle is reset to 180.817646282343

Energy injection at [3, 0]

The counter is 7259

The angle is reset to 180.57235239764006

Energy injection at [3, 0]

The counter is 7260

The angle is reset to 180.40064667834804

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 7261

The angle is reset to 180.28045267484362

Energy injection at [3, 0]

The counter is 7262

The angle is reset to 180.19631687239053

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 9

The counter is 7263

The angle is reset to 180.13742181067337

Energy injection at [3, 0]

The counter is 7267

The angle is reset to 180.09619526747133

Energy injection at [3, 5]

The counter is 7268

The angle is reset to 180.06733668722993

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 7269

The angle is reset to 180.04713568106095

Energy injection at [3, 5]

The counter is 7273

The angle is reset to 179.50799497674268

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 7274

The angle is reset to 179.65559648371988

Energy injection at [3, 5]

The counter is 7275

The angle is reset to 179.7589175386039

Energy injection at [3, 5]

The counter is 7276

The angle is reset to 179.8312422770227

Energy injection at [3, 5]

The counter is 7277

The angle is reset to 179.88186959391587

Energy injection at [3, 1]

counter 7279

multiple peak # >2

[3L, 3L, 3L] [0L, 1L, 5L]

counter 7280

multiple peak # >2

[3L, 3L, 3L] [0L, 1L, 5L]

counter 7281

multiple peak # >2

[3L, 3L, 3L] [0L, 1L, 5L]

counter 7282

multiple peak # >2

[3L, 3L, 3L] [0L, 1L, 5L]

counter 7283

multiple peak # >2

[3L, 3L, 3L] [0L, 1L, 5L]

counter 7284

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7285

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7286

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7287

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7288

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7289

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7290

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7291

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7292

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7293

multiple peak # >2

[3L, 3L, 3L] [0L, 4L, 9L]

counter 7294

multiple peak # >2

[3L, 3L, 3L] [3L, 8L, 9L]

counter 7295

multiple peak # >2

[3L, 3L, 3L] [3L, 8L, 9L]

counter 7296

multiple peak # >2

[3L, 3L, 3L] [3L, 8L, 9L]

The counter is 7297

The angle is reset to 182.54230871574111

Energy injection at [3, 8]

The counter is 7298

The angle is reset to 181.77961610101877

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 7299

The angle is reset to 181.24573127071312

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7300

The angle is reset to 180.87201188949916

Energy injection at [3, 1]

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The current number of the iteration is 7300

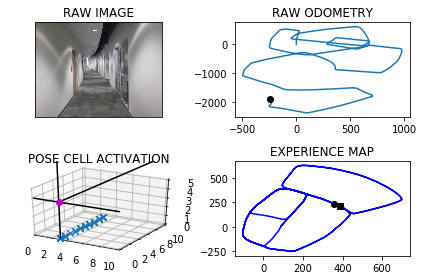
60.2369999886 seconds are elapsed per 100 frames.

The number of units of the VT is 2173

The number of units of the experience map is 2338

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counter 7302

multiple peak # >2

[3L, 3L, 3L, 3L] [0L, 1L, 6L, 7L]

The counter is 7303

The angle is reset to 181.6604083226494

Energy injection at [3, 7]

The counter is 7304

The angle is reset to 181.16228582585458

Energy injection at [3, 7]

The counter is 7305

The angle is reset to 180.8136000780982

Energy injection at [3, 6]

The counter is 7306

The angle is reset to 180.56952005466871

Energy injection at [3, 6]

The counter is 7309

The angle is reset to 180.39866403826807

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 7310

The angle is reset to 180.27906482678765

Energy injection at [3, 5]

The counter is 7311

The angle is reset to 180.19534537875134

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

The counter is 7312

The angle is reset to 181.18674176512593

Energy injection at [3, 4]

The counter is 7313

The angle is reset to 180.8307192355881

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

The counter is 7314

The angle is reset to 180.58150346491166

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 2

The counter is 7315

The angle is reset to 180.40705242543817

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 2

loop closure

The counter is 7316

The angle is reset to 180.2849366978067

Energy injection at [3, 3]

The counter is 7317

The angle is reset to 180.1994556884647

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

loop closure

The counter is 7318

The angle is reset to 180.13961898192528

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7319

The angle is reset to 180.09773328734767

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 2

The counter is 7320

The angle is reset to 180.06841330114338

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7321

The angle is reset to 180.04788931080034

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7322

The angle is reset to 180.03352251756024

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7323

The angle is reset to 180.02346576229215

Energy injection at [3, 2]

The counter is 7324

The angle is reset to 180.0164260336045

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 7325

The angle is reset to 180.53649822352318

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 7326

The angle is reset to 180.9005487564662

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 7329

The angle is reset to 180.63038412952636

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 7330

The angle is reset to 180.44126889066843

Energy injection at [3, 0]

The counter is 7331

The angle is reset to 180.30888822346787

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 7332

The angle is reset to 180.2162217564275

Energy injection at [3, 0]

The counter is 7333

The angle is reset to 180.15135522949925

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

The counter is 7334

The angle is reset to 180.10594866064946

Energy injection at [3, 0]

The counter is 7335

The angle is reset to 180.5991640624546

Energy injection at [3, 0]

The counter is 7336

The angle is reset to 180.41941484371822

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7337

The angle is reset to 180.29359039060273

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7338

The angle is reset to 180.2055132734219

Energy injection at [3, 9]

The counter is 7339

The angle is reset to 180.14385929139533

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 7342

The angle is reset to 180.10070150397672

Energy injection at [3, 0]

The counter is 7349

The angle is reset to 181.1204910527837

Energy injection at [3, 6]

The counter is 7350

The angle is reset to 180.7843437369486

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

loop closure

The counter is 7351

The angle is reset to 180.54904061586402

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

The counter is 7352

The angle is reset to 180.38432843110482

Energy injection at [3, 6]

The counter is 7353

The angle is reset to 180.26902990177334

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

loop closure

The counter is 7358

The angle is reset to 180.71332093124133

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 7361

The angle is reset to 180.49932465186893

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 7365

The angle is reset to 180.34952725630828

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 7366

The angle is reset to 180.24466907941576

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 7367

The angle is reset to 180.17126835559102

Energy injection at [3, 4]

The counter is 7368

The angle is reset to 180.1198878489137

Energy injection at [3, 4]

The counter is 7369

The angle is reset to 180.0839214942396

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7370

The angle is reset to 180.58374504596773

Energy injection at [3, 5]

The counter is 7371

The angle is reset to 180.40862153217736

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7372

The angle is reset to 180.2860350725242

Energy injection at [3, 4]

The counter is 7373

The angle is reset to 180.2002245507669

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

The counter is 7374

The angle is reset to 180.14015718553682

Energy injection at [3, 4]

The counter is 7375

The angle is reset to 180.09811002987578

Energy injection at [3, 4]

The counter is 7376

The angle is reset to 180.06867702091304

Energy injection at [3, 4]

The counter is 7377

The angle is reset to 180.04807391463908

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7378

The angle is reset to 180.55865174024737

Energy injection at [3, 4]

The counter is 7379

The angle is reset to 180.91605621817314

Energy injection at [3, 4]

The counter is 7380

The angle is reset to 181.1662393527212

Energy injection at [3, 4]

The counter is 7381

The angle is reset to 180.81636754690484

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7382

The angle is reset to 180.5714572828334

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7383

The angle is reset to 180.40002009798334

Energy injection at [3, 3]

The counter is 7384

The angle is reset to 180.28001406858837

Energy injection at [3, 3]

The counter is 7385

The angle is reset to 180.19600984801184

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7386

The angle is reset to 179.6122068936083

Energy injection at [3, 3]

The counter is 7387

The angle is reset to 179.72854482552577

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7388

The angle is reset to 179.809981377868

Energy injection at [3, 2]

The counter is 7389

The angle is reset to 179.86698696450762

Energy injection at [3, 2]

The counter is 7390

The angle is reset to 179.9068908751553

Energy injection at [3, 2]

The counter is 7391

The angle is reset to 179.9348236126087

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 7394

The angle is reset to 181.00437652882613

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

loop closure

The counter is 7395

The angle is reset to 180.70306357017827

Energy injection at [3, 2]

The counter is 7399

The angle is reset to 179.96714449912477

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

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The current number of the iteration is 7400

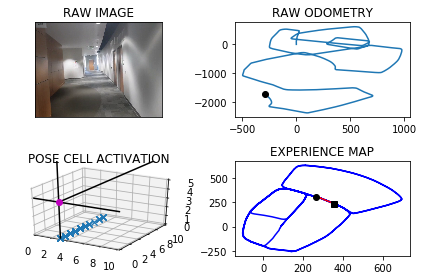
81.6850001812 seconds are elapsed per 100 frames.

The number of units of the VT is 2191

The number of units of the experience map is 2361

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The counter is 7406

The angle is reset to 181.55200114938737

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 7407

The angle is reset to 181.08640080457113

Energy injection at [3, 0]

The counter is 7408

The angle is reset to 180.76048056319976

Energy injection at [3, 0]

The counter is 7409

The angle is reset to 180.53233639423982

Energy injection at [3, 0]

hash collision

The counter is 7410

The angle is reset to 180.37263547596785

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 0

loop closure

The counter is 7411

The angle is reset to 180.26084483317746

Energy injection at [3, 0]

The counter is 7412

The angle is reset to 180.18259138322423

Energy injection at [3, 0]

hash collision

The counter is 7413

The angle is reset to 180.12781396825693

Energy injection at [3, 0]

hash collision

The counter is 7414

The angle is reset to 180.61446977777987

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

loop closure

The counter is 7415

The angle is reset to 180.43012884444587

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 7416

The angle is reset to 180.30109019111214

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7417

The angle is reset to 180.2107631337785

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 0

loop closure

The counter is 7420

The angle is reset to 180.6725341936449

Energy injection at [3, 8]

The counter is 7421

The angle is reset to 180.47077393555142

Energy injection at [3, 8]

The counter is 7422

The angle is reset to 180.329541754886

Energy injection at [3, 8]

The counter is 7423

The angle is reset to 180.2306792284202

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

loop closure

The counter is 7424

The angle is reset to 180.68647545989413

Energy injection at [3, 8]

The counter is 7425

The angle is reset to 180.4805328219259

Energy injection at [3, 8]

The counter is 7426

The angle is reset to 180.33637297534807

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 7427

The angle is reset to 180.23546108274365

Energy injection at [3, 8]

The counter is 7428

The angle is reset to 180.16482275792055

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

The counter is 7429

The angle is reset to 180.11537593054436

Energy injection at [3, 7]

The counter is 7430

The angle is reset to 180.08076315138106

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7431

The angle is reset to 180.05653420596673

Energy injection at [3, 7]

The counter is 7432

The angle is reset to 179.51457394417668

Energy injection at [3, 7]

The counter is 7433

The angle is reset to 179.66020176092368

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

The counter is 7434

The angle is reset to 179.76214123264657

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7435

The angle is reset to 179.8334988628526

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

The counter is 7436

The angle is reset to 179.8834492039968

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 7437

The angle is reset to 180.44341444279775

Energy injection at [3, 7]

The counter is 7438

The angle is reset to 180.3103901099584

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7439

The angle is reset to 180.21727307697088

Energy injection at [3, 7]

The counter is 7440

The angle is reset to 180.1520911538796

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 7

The counter is 7441

The angle is reset to 180.10646380771573

Energy injection at [3, 6]

The counter is 7442

The angle is reset to 180.074524665401

Energy injection at [3, 6]

The counter is 7443

The angle is reset to 180.0521672657807

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 7444

The angle is reset to 180.03651708604647

Energy injection at [3, 5]

The counter is 7445

The angle is reset to 180.02556196023252

Energy injection at [3, 5]

The counter is 7446

The angle is reset to 180.01789337216275

Energy injection at [3, 5]

The counter is 7447

The angle is reset to 180.01252536051393

Energy injection at [3, 5]

The counter is 7448

The angle is reset to 180.00876775235974

Energy injection at [3, 5]

The counter is 7449

The angle is reset to 180.00613742665183

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 7450

The angle is reset to 180.00429619865628

Energy injection at [3, 5]

The counter is 7451

The angle is reset to 180.00300733905937

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7452

The angle is reset to 180.00210513734154

Energy injection at [3, 4]

The counter is 7453

The angle is reset to 180.00147359613908

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7454

The angle is reset to 180.00103151729738

Energy injection at [3, 4]

The counter is 7455

The angle is reset to 180.00072206210814

Energy injection at [3, 3]

hash collision

The counter is 7456

The angle is reset to 180.0005054434757

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7457

The angle is reset to 180.000353810433

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 7458

The angle is reset to 180.00024766730309

Energy injection at [3, 3]

The counter is 7459

The angle is reset to 180.00017336711215

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

loop closure

The counter is 7460

The angle is reset to 180.00012135697847

Energy injection at [3, 2]

The counter is 7461

The angle is reset to 180.00008494988492

Energy injection at [3, 2]

The counter is 7462

The angle is reset to 180.00005946491942

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7465

The angle is reset to 180.00004162544357

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 7466

The angle is reset to 172.6500291378105

Energy injection at [3, 1]

The counter is 7467

The angle is reset to 174.85502039646732

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 0

The counter is 7468

The angle is reset to 176.39851427752714

Energy injection at [3, 1]

The counter is 7469

The angle is reset to 177.478959994269

Energy injection at [3, 1]

The counter is 7470

The angle is reset to 178.7602719959883

Energy injection at [3, 1]

The counter is 7471

The angle is reset to 179.65719039719178

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 7472

The angle is reset to 179.76003327803426

Energy injection at [3, 1]

The counter is 7473

The angle is reset to 179.83202329462398

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

The counter is 7474

The angle is reset to 179.88241630623676

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 7475

The angle is reset to 179.91769141436572

Energy injection at [3, 0]

The counter is 7476

The angle is reset to 179.942383990056

Energy injection at [3, 0]

The counter is 7477

The angle is reset to 179.95966879303919

Energy injection at [3, 0]

The counter is 7478

The angle is reset to 179.97176815512742

Energy injection at [3, 0]

The counter is 7479

The angle is reset to 179.9802377085892

Energy injection at [3, 0]

The counter is 7480

The angle is reset to 179.98616639601244

Energy injection at [3, 0]

hash collision

The counter is 7481

The angle is reset to 179.9903164772087

Energy injection at [3, 0]

hash collision

The counter is 7482

The angle is reset to 180.51822153404606

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 7483

The angle is reset to 180.88775507383224

Energy injection at [3, 0]

hash collision

The counter is 7484

The angle is reset to 181.1464285516826

Energy injection at [3, 0]

hash collision

The counter is 7485

The angle is reset to 180.80249998617782

Energy injection at [3, 0]

hash collision

The counter is 7486

The angle is reset to 180.03674999032444

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 7487

The angle is reset to 180.02572499322713

Energy injection at [3, 0]

The counter is 7488

The angle is reset to 179.49300749525898

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 7489

The angle is reset to 179.64510524668125

Energy injection at [3, 0]

The counter is 7490

The angle is reset to 179.75157367267684

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 0

loop closure

The counter is 7491

The angle is reset to 179.8261015708738

Energy injection at [3, 0]

The counter is 7492

The angle is reset to 179.87827109961165

Energy injection at [3, 0]

The counter is 7493

The angle is reset to 179.91478976972815

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

loop closure

The counter is 7494

The angle is reset to 180.4653528388097

Energy injection at [3, 8]

The counter is 7495

The angle is reset to 193.8257469871668

Energy injection at [3, 6]

hash collision

The counter is 7496

The angle is reset to 203.17802289101672

Energy injection at [3, 6]

The counter is 7497

The angle is reset to 209.72461602371172

Energy injection at [3, 6]

hash collision

The counter is 7498

The angle is reset to 214.30723121659818

Energy injection at [3, 6]

hash collision

The counter is 7499

The angle is reset to 204.01506185161873

Energy injection at [3, 5]

hash collision

The counter is 7500

The angle is reset to 210.3105432961331

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

-----------------------------------------------------------

The current number of the iteration is 7500

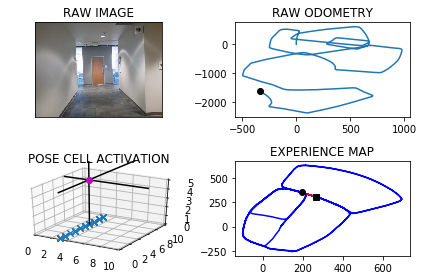
103.053999901 seconds are elapsed per 100 frames.

The number of units of the VT is 2194

The number of units of the experience map is 2366

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-----------------------------------------------------------



The counter is 7501

The angle is reset to 214.71738030729315

Energy injection at [3, 6]

The counter is 7502

The angle is reset to 217.80216621510522

Energy injection at [3, 6]

The counter is 7505

The angle is reset to 220.48651635057362

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 7506

The angle is reset to 222.36556144540154

Energy injection at [3, 6]

min\_delta\_val

1.4142135623730951

e\_pc 3 2

current pc 2 5

The counter is 7507

The angle is reset to 223.68089301178108

Energy injection at [3, 6]

The counter is 7508

The angle is reset to 224.07662510824676

Energy injection at [3, 6]

The counter is 7509

The angle is reset to 210.85363757577272

Energy injection at [3, 2]

The counter is 7510

The angle is reset to 215.09754630304087

Energy injection at [2, 5]

The counter is 7511

The angle is reset to 204.5682824121286

Energy injection at [3, 2]

The counter is 7512

The angle is reset to 210.69779768849006

Energy injection at [2, 5]

The counter is 7513

The angle is reset to 214.988458381943

Energy injection at [2, 5]

The counter is 7514

The angle is reset to 217.9919208673601

Energy injection at [2, 5]

The counter is 7517

The angle is reset to 220.61934460715207

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

loop closure

The counter is 7518

The angle is reset to 221.93354122500642

Energy injection at [2, 5]

The counter is 7519

The angle is reset to 222.85347885750448

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 7522

The angle is reset to 223.4974352002531

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 7523

The angle is reset to 223.42320464017718

Energy injection at [1, 4]

min\_delta\_val

1.4142135623730951

e\_pc 0 3

current pc 1 4

loop closure

The counter is 7524

The angle is reset to 223.89624324812402

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

loop closure

The counter is 7525

The angle is reset to 224.2273702736868

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

The counter is 7528

The angle is reset to 225.50915919158075

Energy injection at [0, 3]

min\_delta\_val

1.4142135623730951

e\_pc 0 3

current pc 9 2

loop closure

The counter is 7529

The angle is reset to 225.88141143410652

Energy injection at [0, 3]

The counter is 7530

The angle is reset to 226.14198800387453

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 7531

The angle is reset to 225.79939160271218

Energy injection at [0, 3]

The counter is 7532

The angle is reset to 226.0845741218985

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 9 1

current pc 0 3

The counter is 7537

The angle is reset to 225.75920188532896

Energy injection at [8, 1]

hash collision

The counter is 7538

The angle is reset to 225.53144131973025

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 7539

The angle is reset to 225.37200892381117

Energy injection at [8, 1]

The counter is 7540

The angle is reset to 225.2604062466678

Energy injection at [8, 1]

The counter is 7541

The angle is reset to 225.18228437266745

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 8 1

loop closure

The counter is 7542

The angle is reset to 225.1275990608672

Energy injection at [9, 1]

The counter is 7543

The angle is reset to 225.08931934260704

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 7544

The angle is reset to 225.06252353982492

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 0

loop closure

The counter is 7545

The angle is reset to 224.51876647787742

Energy injection at [8, 1]

counter 7545

multiple peak # >2

[7L, 8L, 8L] [0L, 0L, 1L]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 7546

The angle is reset to 224.66313653451422

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

loop closure

The counter is 7547

The angle is reset to 224.7641955741599

Energy injection at [7, 0]

The counter is 7548

The angle is reset to 225.35993690191194

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

loop closure

The counter is 7549

The angle is reset to 225.77695583133834

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 7550

The angle is reset to 226.06886908193684

Energy injection at [7, 0]

The counter is 7551

The angle is reset to 226.27320835735577

Energy injection at [6, 8]

counter 7551

multiple peak # >2

[6L, 6L, 7L] [8L, 9L, 9L]

The counter is 7552

The angle is reset to 226.416245850149

Energy injection at [6, 8]

The counter is 7553

The angle is reset to 226.51637209510432

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 8

loop closure

max\_exp 6

The counter is 7554

The angle is reset to 232.88646046657297

Energy injection at [6, 9]

min\_delta\_val

1.4142135623730951

e\_pc 5 9

current pc 6 8

The counter is 7555

The angle is reset to 231.04552232660112

Energy injection at [6, 9]

The counter is 7556

The angle is reset to 231.3318656286208

Energy injection at [6, 9]

The counter is 7557

The angle is reset to 231.00730594003454

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 7558

The angle is reset to 231.3051141580242

Energy injection at [6, 8]

The counter is 7559

The angle is reset to 233.08857991061694

Energy injection at [6, 8]

The counter is 7560

The angle is reset to 248.36200593743183

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

The counter is 7561

The angle is reset to 260.10340415620226

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

over

The counter is 7563

The angle is reset to 271.9973829093416

Energy injection at [4, 8]

The counter is 7564

The angle is reset to 276.1231680365391

Energy injection at [4, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 7565

The angle is reset to 279.0112176255773

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7566

The angle is reset to 279.9828523379041

Energy injection at [2, 8]

min\_delta\_val

1.0

e\_pc 2 8

current pc 1 8

The counter is 7567

The angle is reset to 280.1379966365328

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 1 8

current pc 1 8

The counter is 7568

The angle is reset to 293.22159764557296

Energy injection at [1, 8]

min\_delta\_val

0.0

e\_pc 1 8

current pc 1 8

The counter is 7573

The angle is reset to 304.4801183519011

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

loop closure

The counter is 7574

The angle is reset to 307.6360828463308

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

The counter is 7575

The angle is reset to 309.8452579924315

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

The counter is 7576

The angle is reset to 311.3916805947021

Energy injection at [0, 8]

The counter is 7577

The angle is reset to 312.99917641629145

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 9 9

The counter is 7578

The angle is reset to 314.12442349140395

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 0

current pc 9 0

The counter is 7579

The angle is reset to 314.91209644398276

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 7580

The angle is reset to 315.46346751078795

Energy injection at [0, 0]

The counter is 7581

The angle is reset to 315.84942725755155

Energy injection at [0, 0]

The counter is 7582

The angle is reset to 315.59459908028606

Energy injection at [0, 0]

min\_delta\_val

1.4142135623730951

e\_pc 9 1

current pc 0 0

The counter is 7583

The angle is reset to 314.8912193562002

Energy injection at [0, 0]

The counter is 7584

The angle is reset to 314.9238535493401

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 8 1

The counter is 7585

The angle is reset to 314.94669748453805

Energy injection at [9, 1]

The counter is 7586

The angle is reset to 314.96268823917666

Energy injection at [9, 1]

The counter is 7587

The angle is reset to 314.9738817674236

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 7588

The angle is reset to 328.4817172371965

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 1

The counter is 7589

The angle is reset to 337.9372020660375

Energy injection at [9, 7]

The counter is 7590

The angle is reset to 344.5560414462263

Energy injection at [9, 7]

The counter is 7591

The angle is reset to 349.7142290123584

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 7592

The angle is reset to 353.3249603086508

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 7593

The angle is reset to 355.3274722160555

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 7594

The angle is reset to 356.72923055123886

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 7595

The angle is reset to 356.6604613858672

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

The counter is 7596

The angle is reset to 356.6123229701071

Energy injection at [9, 9]

The counter is 7597

The angle is reset to 357.1036260790749

Energy injection at [9, 9]

The counter is 7598

The angle is reset to 357.97253825535245

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 9

loop closure

The counter is 7599

The angle is reset to 358.58077677874667

Energy injection at [9, 8]

The counter is 7600

The angle is reset to 359.00654374512266

Energy injection at [9, 9]

min\_delta\_val

2.0

e\_pc 9 0

current pc 9 8

new experience map with case 2

-----------------------------------------------------------

The current number of the iteration is 7600

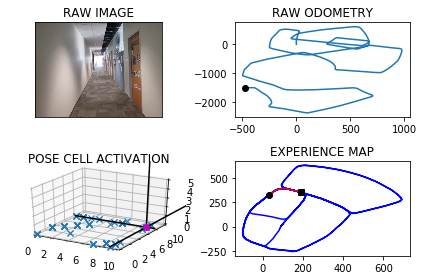
101.157999992 seconds are elapsed per 100 frames.

The number of units of the VT is 2204

The number of units of the experience map is 2384

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-----------------------------------------------------------



The counter is 7601

The angle is reset to 359.3045806215858

Energy injection at [9, 9]

The counter is 7602

The angle is reset to 359.5132064351101

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7603

The angle is reset to 0.18424450457703306

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 7604

The angle is reset to 0.12897115320392313

Energy injection at [9, 0]

The counter is 7605

The angle is reset to 0.0902798072427462

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 7606

The angle is reset to 0.06319586506992234

Energy injection at [9, 1]

The counter is 7607

The angle is reset to 0.04423710554894564

Energy injection at [9, 1]

The counter is 7608

The angle is reset to 359.5059659738842

Energy injection at [9, 9]

The counter is 7609

The angle is reset to 359.12917618171895

Energy injection at [9, 1]

The counter is 7610

The angle is reset to 359.3904233272032

Energy injection at [9, 1]

The counter is 7613

The angle is reset to 359.57329632904225

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 7614

The angle is reset to 0.2263074303295816

Energy injection at [9, 2]

The counter is 7615

The angle is reset to 0.6834152012307071

Energy injection at [9, 2]

The counter is 7616

The angle is reset to 0.47839064086149496

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 7617

The angle is reset to 0.3348734486030464

Energy injection at [9, 2]

The counter is 7618

The angle is reset to 0.2344114140221325

Energy injection at [9, 2]

The counter is 7619

The angle is reset to 0.16408798981549272

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 7620

The angle is reset to 359.5898615928708

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 7622

The angle is reset to 359.7129031150095

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

loop closure

The counter is 7623

The angle is reset to 359.7990321805067

Energy injection at [9, 3]

The counter is 7624

The angle is reset to 359.8593225263547

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 7625

The angle is reset to 359.9015257684482

Energy injection at [9, 4]

The counter is 7626

The angle is reset to 359.93106803791375

Energy injection at [9, 4]

The counter is 7627

The angle is reset to 359.95174762653966

Energy injection at [9, 4]

The counter is 7628

The angle is reset to 345.94122333857763

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 4

The counter is 7629

The angle is reset to 336.1338563370043

Energy injection at [9, 4]

The counter is 7630

The angle is reset to 329.793699435903

Energy injection at [9, 4]

The counter is 7631

The angle is reset to 338.85558960513214

Energy injection at [9, 5]

The counter is 7632

The angle is reset to 345.19891272359246

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

loop closure

The counter is 7633

The angle is reset to 349.63923890651466

Energy injection at [9, 6]

The counter is 7634

The angle is reset to 353.2724672345603

Energy injection at [9, 6]

The counter is 7635

The angle is reset to 355.8157270641922

Energy injection at [9, 6]

min\_delta\_val

2.0

e\_pc 9 5

current pc 9 7

new experience map with case 2

The counter is 7636

The angle is reset to 357.59600894493445

Energy injection at [9, 6]

The counter is 7637

The angle is reset to 358.84220626145407

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 7638

The angle is reset to 359.7145443830178

Energy injection at [9, 6]

The counter is 7639

The angle is reset to 0.32518106811248765

Energy injection at [9, 6]

The counter is 7642

The angle is reset to 0.22762674767874133

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 7643

The angle is reset to 0.15933872337511892

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 7644

The angle is reset to 0.11153710636258324

Energy injection at [9, 6]

The counter is 7645

The angle is reset to 0.07807597445380826

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

The counter is 7646

The angle is reset to 0.054653182117665774

Energy injection at [9, 7]

The counter is 7647

The angle is reset to 0.03825722748236604

Energy injection at [9, 6]

The counter is 7648

The angle is reset to 0.5517800592376562

Energy injection at [9, 6]

The counter is 7649

The angle is reset to 0.38624604146635927

Energy injection at [9, 6]

The counter is 7650

The angle is reset to 0.27037222902645147

Energy injection at [9, 7]

min\_delta\_val

2.0

e\_pc 9 8

current pc 9 6

new experience map with case 2

The counter is 7651

The angle is reset to 0.189260560318516

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 7652

The angle is reset to 0.1324823922229612

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 7653

The angle is reset to 359.56773767455604

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

The counter is 7656

The angle is reset to 358.6474163721892

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 7657

The angle is reset to 359.05319146053245

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 8

The counter is 7658

The angle is reset to 359.3372340223726

Energy injection at [9, 8]

The counter is 7661

The angle is reset to 359.53606381566084

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 7662

The angle is reset to 359.67524467096257

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 7672

The angle is reset to 358.72267126967375

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

The counter is 7673

The angle is reset to 359.63086988877166

Energy injection at [9, 1]

The counter is 7696

The angle is reset to 1.8416089221401428

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 7699

The angle is reset to 0.7641262454981

Energy injection at [9, 7]

-----------------------------------------------------------

The current number of the iteration is 7700

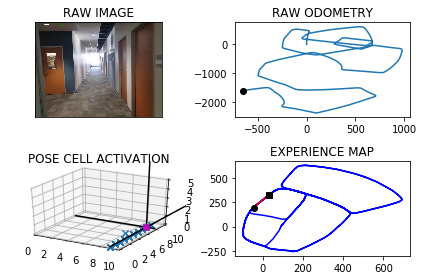
52.6210000515 seconds are elapsed per 100 frames.

The number of units of the VT is 2227

The number of units of the experience map is 2417

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-----------------------------------------------------------



The counter is 7701

The angle is reset to 0.009888371848670004

Energy injection at [9, 6]

The counter is 7702

The angle is reset to 0.006921860294069003

Energy injection at [9, 6]

The counter is 7703

The angle is reset to 0.004845302205848301

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 7704

The angle is reset to 0.5283917115440938

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 7705

The angle is reset to 1.4198741980808656

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 7706

The angle is reset to 1.5189119386566057

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 7707

The angle is reset to 1.063238357059624

Energy injection at [9, 7]

The counter is 7708

The angle is reset to 1.2692668499417368

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 7709

The angle is reset to 0.8884867949592156

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 7713

The angle is reset to 0.09694075647145099

Energy injection at [9, 9]

The counter is 7714

The angle is reset to 0.06785852953001568

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7715

The angle is reset to 0.04750097067101097

Energy injection at [9, 0]

The counter is 7718

The angle is reset to 1.6082506794697073

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7719

The angle is reset to 1.125775475628795

Energy injection at [9, 0]

The counter is 7721

The angle is reset to 0.26304283294015657

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7722

The angle is reset to 359.6591299830581

Energy injection at [9, 0]

The counter is 7723

The angle is reset to 359.23639098814056

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 7728

The angle is reset to 359.4654736916984

Energy injection at [9, 2]

The counter is 7729

The angle is reset to 0.15083158418888412

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 7730

The angle is reset to 0.6305821089322188

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 7731

The angle is reset to 0.4414074762525531

Energy injection at [9, 2]

The counter is 7732

The angle is reset to 0.3089852333767872

Energy injection at [9, 2]

The counter is 7733

The angle is reset to 0.21628966336375102

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 7734

The angle is reset to 0.15140276435462569

Energy injection at [9, 3]

The counter is 7735

The angle is reset to 0.10598193504823797

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 4

The counter is 7738

The angle is reset to 0.07418735453376657

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

loop closure

The counter is 7739

The angle is reset to 0.5769311481736366

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

The counter is 7740

The angle is reset to 0.9288518037215455

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

loop closure

The counter is 7741

The angle is reset to 1.1751962626050816

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 7742

The angle is reset to 1.347637383823557

Energy injection at [9, 4]

The counter is 7743

The angle is reset to 1.4683461686764896

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

The counter is 7744

The angle is reset to 1.0278423180735425

Energy injection at [9, 5]

The counter is 7745

The angle is reset to 0.1944896226514799

Energy injection at [9, 5]

The counter is 7746

The angle is reset to 359.61114273585605

Energy injection at [9, 5]

The counter is 7747

The angle is reset to 359.72779991509924

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 7748

The angle is reset to 359.80945994056947

Energy injection at [9, 6]

The counter is 7749

The angle is reset to 0.3916219583986119

Energy injection at [9, 6]

The counter is 7750

The angle is reset to 0.7991353708790283

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 7751

The angle is reset to 1.0843947596153196

Energy injection at [9, 7]

The counter is 7752

The angle is reset to 1.2840763317307238

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 7753

The angle is reset to 0.8988534322115066

Energy injection at [9, 8]

The counter is 7754

The angle is reset to 0.6291974025480545

Energy injection at [9, 8]

The counter is 7756

The angle is reset to 359.9154381817836

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 7757

The angle is reset to 359.41580672724854

Energy injection at [9, 8]

The counter is 7758

The angle is reset to 359.591064709074

Energy injection at [9, 8]

The counter is 7759

The angle is reset to 359.71374529635176

Energy injection at [9, 9]

hash collision

The counter is 7760

The angle is reset to 359.79962170744625

Energy injection at [9, 9]

hash collision

The counter is 7761

The angle is reset to 359.85973519521235

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 7762

The angle is reset to 359.9018146366486

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 7763

The angle is reset to 359.93127024565405

Energy injection at [9, 9]

The counter is 7764

The angle is reset to 359.95188917195776

Energy injection at [9, 9]

The counter is 7765

The angle is reset to 359.9663224203705

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 7766

The angle is reset to 359.97642569425926

Energy injection at [9, 0]

The counter is 7767

The angle is reset to 359.9834979859815

Energy injection at [9, 0]

The counter is 7768

The angle is reset to 359.463448590187

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

The counter is 7769

The angle is reset to 359.6244140131309

Energy injection at [9, 0]

The counter is 7770

The angle is reset to 359.7370898091916

Energy injection at [9, 0]

The counter is 7771

The angle is reset to 359.81596286643406

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 7772

The angle is reset to 359.8711740065039

Energy injection at [9, 1]

The counter is 7773

The angle is reset to 359.9098218045527

Energy injection at [9, 1]

The counter is 7774

The angle is reset to 359.93687526318683

Energy injection at [9, 1]

The counter is 7775

The angle is reset to 0.4808126842308103

Energy injection at [9, 1]

The counter is 7776

The angle is reset to 0.3365688789615672

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 7777

The angle is reset to 0.23559821527309702

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 7778

The angle is reset to 0.16491875069116788

Energy injection at [9, 2]

The counter is 7779

The angle is reset to 0.11544312548381752

Energy injection at [9, 2]

The counter is 7780

The angle is reset to 0.08081018783867226

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

The counter is 7781

The angle is reset to 0.05656713148707058

Energy injection at [9, 2]

The counter is 7782

The angle is reset to 0.03959699204094941

Energy injection at [9, 2]

The counter is 7784

The angle is reset to 0.027717894428664583

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 7785

The angle is reset to 0.5444025261000652

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 7786

The angle is reset to 0.38108176827004564

Energy injection at [9, 3]

The counter is 7787

The angle is reset to 0.7917572377890318

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 7788

The angle is reset to 0.5542300664523222

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 7789

The angle is reset to 0.3879610465166256

Energy injection at [9, 4]

The counter is 7790

The angle is reset to 0.2715727325616379

Energy injection at [9, 4]

The counter is 7791

The angle is reset to 0.1901009127931465

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

The counter is 7792

The angle is reset to 0.13307063895520255

Energy injection at [9, 5]

The counter is 7793

The angle is reset to 0.09314944726864177

Energy injection at [9, 5]

The counter is 7794

The angle is reset to 0.06520461308804923

Energy injection at [9, 5]

The counter is 7796

The angle is reset to 0.04564322916163446

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 7797

The angle is reset to 0.031950260413144124

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7798

The angle is reset to 0.547365182289201

Energy injection at [9, 6]

The counter is 7799

The angle is reset to 0.3831556276024406

Energy injection at [9, 6]

The counter is 7800

The angle is reset to 0.2682089393217084

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

-----------------------------------------------------------

The current number of the iteration is 7800

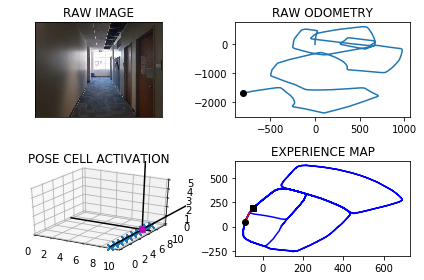
78.3589999676 seconds are elapsed per 100 frames.

The number of units of the VT is 2237

The number of units of the experience map is 2431

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-----------------------------------------------------------



The counter is 7801

The angle is reset to 0.1877462575251959

Energy injection at [9, 7]

The counter is 7802

The angle is reset to 359.60642238026765

Energy injection at [9, 7]

The counter is 7803

The angle is reset to 359.1994956661873

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

The counter is 7806

The angle is reset to 359.9646469663311

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 7807

The angle is reset to 0.500252876431799

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 7808

The angle is reset to 0.8751770135022594

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 7809

The angle is reset to 1.1376239094515814

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 7813

The angle is reset to 0.796336736616107

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 7814

The angle is reset to 0.5574357156312749

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 7815

The angle is reset to 359.8652050009419

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 0

loop closure

The counter is 7816

The angle is reset to 359.9056435006593

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 7817

The angle is reset to 359.9339504504615

Energy injection at [9, 0]

The counter is 7818

The angle is reset to 359.9537653153231

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 7819

The angle is reset to 0.492635720726135

Energy injection at [9, 0]

The counter is 7820

The angle is reset to 0.3448450045082945

Energy injection at [9, 0]

The counter is 7823

The angle is reset to 0.2413915031558061

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

loop closure

The counter is 7825

The angle is reset to 359.64397405220905

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 7826

The angle is reset to 359.7507818365463

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 7828

The angle is reset to 359.8255472855824

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

The counter is 7829

The angle is reset to 359.87788309990765

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 7830

The angle is reset to 359.9145181699353

Energy injection at [9, 2]

The counter is 7832

The angle is reset to 359.9401627189547

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 7833

The angle is reset to 359.9581139032682

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 7834

The angle is reset to 359.97067973228775

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 7835

The angle is reset to 359.97947581260144

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 7836

The angle is reset to 359.4606330688209

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

loop closure

The counter is 7837

The angle is reset to 359.09744314817465

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 7842

The angle is reset to 359.8932102037223

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 7844

The angle is reset to 359.9252471426056

Energy injection at [9, 4]

The counter is 7845

The angle is reset to 0.47267299982388955

Energy injection at [9, 4]

The counter is 7846

The angle is reset to 0.33087109987672264

Energy injection at [9, 5]

min\_delta\_val

2.0

e\_pc 9 6

current pc 9 4

new experience map with case 2

The counter is 7847

The angle is reset to 0.23160976991370585

Energy injection at [9, 5]

The counter is 7849

The angle is reset to 359.6371268389396

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 7851

The angle is reset to 359.7459887872577

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 7852

The angle is reset to 0.34719215108038765

Energy injection at [9, 7]

The counter is 7854

The angle is reset to 0.7680345057562712

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 7855

The angle is reset to 1.0626241540293897

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 7856

The angle is reset to 1.2688369078205726

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 7857

The angle is reset to 0.8881858354744008

Energy injection at [9, 7]

The counter is 7858

The angle is reset to 0.6217300848320805

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 7859

The angle is reset to 0.43521105938245636

Energy injection at [9, 7]

The counter is 7860

The angle is reset to 0.30464774156771945

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 7862

The angle is reset to 0.2132534190974036

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 7863

The angle is reset to 0.14927739336818252

Energy injection at [9, 8]

min\_delta\_val

2.0

e\_pc 9 0

current pc 9 8

new experience map with case 2

The counter is 7866

The angle is reset to 0.10449417535772776

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7867

The angle is reset to 0.07314592275040943

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 7868

The angle is reset to 0.0512021459252866

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 0

The counter is 7869

The angle is reset to 0.03584150214770062

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 0

The counter is 7870

The angle is reset to 0.02508905150339043

Energy injection at [9, 0]

The counter is 7871

The angle is reset to 359.4925623360524

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 0

loop closure

The counter is 7872

The angle is reset to 359.1197936352366

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7873

The angle is reset to 359.38385554466566

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7876

The angle is reset to 359.5686988812659

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

loop closure

The counter is 7877

The angle is reset to 359.6980892168861

Energy injection at [9, 0]

The counter is 7878

The angle is reset to 359.78866245182024

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 7879

The angle is reset to 0.3770637162741777

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 7880

The angle is reset to 0.7889446013919242

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 7881

The angle is reset to 0.5522612209743469

Energy injection at [9, 1]

The counter is 7882

The angle is reset to 0.9115828546820428

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 7883

The angle is reset to 0.6381079982774298

Energy injection at [9, 3]

The counter is 7884

The angle is reset to 0.9716755987942007

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 7885

The angle is reset to 1.7301729191559405

Energy injection at [9, 2]

The counter is 7886

The angle is reset to 2.7861210434091586

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 7887

The angle is reset to 4.05028473038641

Energy injection at [9, 4]

The counter is 7888

The angle is reset to 5.460199311270486

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 7889

The angle is reset to 8.02213951788934

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7890

The angle is reset to 9.815497662522537

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7891

The angle is reset to 25.620848363765777

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7893

The angle is reset to 35.63459385463604

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

loop closure

The counter is 7894

The angle is reset to 38.44421569824522

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7895

The angle is reset to 40.41095098877165

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7896

The angle is reset to 38.63766569214015

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 0 5

The counter is 7897

The angle is reset to 34.77136598449811

Energy injection at [9, 5]

The counter is 7898

The angle is reset to 37.83995618914867

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

The counter is 7899

The angle is reset to 42.61296933240407

Energy injection at [0, 6]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

The counter is 7900

The angle is reset to 45.429078532682844

Energy injection at [0, 6]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

-----------------------------------------------------------

The current number of the iteration is 7900

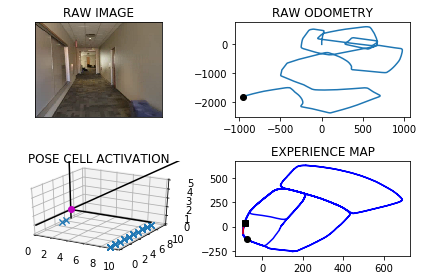
116.082000017 seconds are elapsed per 100 frames.

The number of units of the VT is 2255

The number of units of the experience map is 2453

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The counter is 7901

The angle is reset to 46.875354972877986

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

The counter is 7902

The angle is reset to 48.412748481014596

Energy injection at [1, 7]

The counter is 7903

The angle is reset to 48.43892393671021

Energy injection at [1, 7]

The counter is 7921

The angle is reset to 46.35724675569715

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 7922

The angle is reset to 45.950072728988

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7923

The angle is reset to 45.1400509102916

Energy injection at [2, 8]

The counter is 7924

The angle is reset to 45.09803563720412

Energy injection at [2, 8]

min\_delta\_val

1.4142135623730951

e\_pc 2 8

current pc 3 9

The counter is 7925

The angle is reset to 45.06862494604288

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7926

The angle is reset to 44.523037462230015

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 7927

The angle is reset to 44.66612622356101

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7928

The angle is reset to 44.7662883564927

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7931

The angle is reset to 44.836401849544885

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 7932

The angle is reset to 44.88548129468142

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7933

The angle is reset to 44.91983690627699

Energy injection at [2, 8]

The counter is 7934

The angle is reset to 44.94388583439388

Energy injection at [2, 8]

The counter is 7935

The angle is reset to 44.96072008407572

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7936

The angle is reset to 44.972504058853

Energy injection at [3, 9]

min\_delta\_val

1.4142135623730951

e\_pc 3 9

current pc 2 8

The counter is 7937

The angle is reset to 44.980752841197095

Energy injection at [3, 9]

The counter is 7938

The angle is reset to 44.986526988837966

Energy injection at [3, 9]

The counter is 7939

The angle is reset to 45.51556889218657

Energy injection at [3, 9]

The counter is 7943

The angle is reset to 45.3608982245306

Energy injection at [4, 0]

hash collision

The counter is 7944

The angle is reset to 45.25262875717142

Energy injection at [4, 0]

hash collision

The counter is 7945

The angle is reset to 44.65184013001999

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

The counter is 7946

The angle is reset to 44.23128809101399

Energy injection at [4, 0]

The counter is 7947

The angle is reset to 44.461901663709796

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 7948

The angle is reset to 44.623331164596856

Energy injection at [5, 1]

The counter is 7951

The angle is reset to 45.261331815217794

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 6 1

loop closure

The counter is 7952

The angle is reset to 45.18293227065245

Energy injection at [4, 1]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 1

loop closure

The counter is 7954

The angle is reset to 45.12805258945672

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 6 2

current pc 5 1

loop closure

The counter is 7955

The angle is reset to 45.089636812619695

Energy injection at [5, 1]

The counter is 7956

The angle is reset to 45.062745768833786

Energy injection at [5, 1]

The counter is 7960

The angle is reset to 45.04392203818365

Energy injection at [7, 3]

The counter is 7961

The angle is reset to 45.03074542672855

Energy injection at [7, 3]

The counter is 7962

The angle is reset to 45.02152179870998

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

loop closure

The counter is 7963

The angle is reset to 45.015065259096986

Energy injection at [7, 3]

The counter is 7964

The angle is reset to 45.01054568136789

Energy injection at [7, 3]

The counter is 7965

The angle is reset to 45.007381976957525

Energy injection at [8, 4]

min\_delta\_val

1.0

e\_pc 8 4

current pc 8 3

loop closure

The counter is 7969

The angle is reset to 45.005167383870265

Energy injection at [0, 6]

The counter is 7970

The angle is reset to 45.003617168709184

Energy injection at [0, 6]

The counter is 7971

The angle is reset to 45.002532018096424

Energy injection at [0, 6]

The counter is 7972

The angle is reset to 45.00177241266749

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 0 6

loop closure

The counter is 7973

The angle is reset to 45.52624068886724

Energy injection at [9, 6]

The counter is 7974

The angle is reset to 46.418368482207065

Energy injection at [9, 6]

The counter is 7975

The angle is reset to 47.042857937544944

Energy injection at [9, 6]

The counter is 7976

The angle is reset to 47.48000055628146

Energy injection at [9, 6]

The counter is 7980

The angle is reset to 54.61100038939702

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

loop closure

The counter is 7982

The angle is reset to 74.15270027257792

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

loop closure

The counter is 7983

The angle is reset to 84.15689019080455

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

loop closure

The counter is 7984

The angle is reset to 90.63482313356317

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

The counter is 7985

The angle is reset to 95.16937619349422

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

The counter is 7986

The angle is reset to 98.34356333544595

Energy injection at [2, 7]

min\_delta\_val

0.0

e\_pc 2 7

current pc 2 7

The counter is 7987

The angle is reset to 100.56549433481216

Energy injection at [2, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 2 7

The counter is 7998

The angle is reset to 122.97084603436848

Energy injection at [4, 7]

The counter is 7999

The angle is reset to 126.57959222405792

Energy injection at [4, 7]

The counter is 8000

The angle is reset to 129.10571455684052

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

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The current number of the iteration is 8000

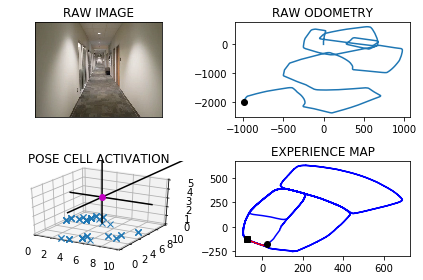
60.8619999886 seconds are elapsed per 100 frames.

The number of units of the VT is 2278

The number of units of the experience map is 2479

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The counter is 8001

The angle is reset to 131.39900018978838

Energy injection at [4, 7]

The counter is 8004

The angle is reset to 133.00430013285185

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 8005

The angle is reset to 133.0780100929963

Energy injection at [4, 7]

min\_delta\_val

1.4142135623730951

e\_pc 5 6

current pc 4 7

The counter is 8006

The angle is reset to 133.12960706509736

Energy injection at [4, 7]

The counter is 8007

The angle is reset to 133.69072494556815

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 6

current pc 4 6

The counter is 8008

The angle is reset to 134.08350746189768

Energy injection at [5, 6]

The counter is 8009

The angle is reset to 134.35845522332835

Energy injection at [5, 6]

The counter is 8010

The angle is reset to 134.55091865632983

Energy injection at [6, 5]

min\_delta\_val

1.4142135623730951

e\_pc 6 5

current pc 5 6

The counter is 8011

The angle is reset to 134.68564305943087

Energy injection at [6, 5]

The counter is 8012

The angle is reset to 134.7799501416016

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 8013

The angle is reset to 134.84596509912112

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 8014

The angle is reset to 134.89217556938476

Energy injection at [6, 5]

The counter is 8015

The angle is reset to 134.9245228985693

Energy injection at [6, 5]

min\_delta\_val

1.4142135623730951

e\_pc 7 4

current pc 6 5

The counter is 8016

The angle is reset to 134.9471660289985

Energy injection at [6, 5]

The counter is 8017

The angle is reset to 134.96301622029895

Energy injection at [7, 4]

min\_delta\_val

0.0

e\_pc 7 4

current pc 7 4

The counter is 8018

The angle is reset to 134.97411135420927

Energy injection at [7, 4]

The counter is 8022

The angle is reset to 134.9818779479465

Energy injection at [8, 3]

min\_delta\_val

0.0

e\_pc 8 3

current pc 8 3

loop closure

The counter is 8027

The angle is reset to 136.03731456356252

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 8028

The angle is reset to 135.72612019449377

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 8029

The angle is reset to 135.50828413614565

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 8030

The angle is reset to 135.35579889530192

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 8031

The angle is reset to 135.24905922671135

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 0 0

The counter is 8033

The angle is reset to 135.17434145869794

Energy injection at [1, 0]

min\_delta\_val

1.0

e\_pc 1 0

current pc 0 0

loop closure

The counter is 8034

The angle is reset to 135.12203902108854

Energy injection at [1, 0]

min\_delta\_val

0.0

e\_pc 1 0

current pc 1 0

The counter is 8049

The angle is reset to 135.08542731476197

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 8050

The angle is reset to 135.05979912033337

Energy injection at [3, 8]

min\_delta\_val

1.4142135623730951

e\_pc 3 8

current pc 4 7

The counter is 8057

The angle is reset to 135.04185938423333

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 8063

The angle is reset to 136.07930156896336

Energy injection at [6, 6]

The counter is 8068

The angle is reset to 135.7555110982743

Energy injection at [6, 5]

The counter is 8069

The angle is reset to 135.528857768792

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 8070

The angle is reset to 135.3702004381544

Energy injection at [6, 5]

min\_delta\_val

1.4142135623730951

e\_pc 7 4

current pc 6 5

The counter is 8073

The angle is reset to 135.25914030670805

Energy injection at [8, 3]

min\_delta\_val

1.0

e\_pc 8 3

current pc 7 3

loop closure

The counter is 8074

The angle is reset to 135.18139821469563

Energy injection at [8, 3]

The counter is 8075

The angle is reset to 135.12697875028692

Energy injection at [8, 3]

The counter is 8076

The angle is reset to 135.08888512520085

Energy injection at [8, 3]

min\_delta\_val

1.0

e\_pc 8 3

current pc 9 3

The counter is 8079

The angle is reset to 135.06221958764058

Energy injection at [8, 3]

min\_delta\_val

0.0

e\_pc 8 3

current pc 8 3

loop closure

The counter is 8080

The angle is reset to 135.04355371134838

Energy injection at [8, 3]

min\_delta\_val

0.0

e\_pc 8 3

current pc 8 3

The counter is 8081

The angle is reset to 135.03048759794387

Energy injection at [8, 3]

The counter is 8082

The angle is reset to 135.0213413185607

Energy injection at [8, 3]

min\_delta\_val

0.0

e\_pc 8 3

current pc 8 3

The counter is 8084

The angle is reset to 135.01493892299246

Energy injection at [8, 3]

min\_delta\_val

1.4142135623730951

e\_pc 8 3

current pc 9 2

loop closure

The counter is 8085

The angle is reset to 135.01045724609475

Energy injection at [8, 3]

min\_delta\_val

1.4142135623730951

e\_pc 8 3

current pc 9 2

The counter is 8090

The angle is reset to 133.9573200722663

Energy injection at [9, 2]

The counter is 8091

The angle is reset to 134.2701240505864

Energy injection at [9, 2]

The counter is 8092

The angle is reset to 134.48908683541043

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 8093

The angle is reset to 135.1673607847873

Energy injection at [0, 1]

The counter is 8094

The angle is reset to 135.11715254935112

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 8095

The angle is reset to 135.60700678454577

Energy injection at [0, 1]

The counter is 8096

The angle is reset to 135.42490474918202

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 8097

The angle is reset to 135.2974333244274

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 8098

The angle is reset to 135.20820332709917

Energy injection at [0, 1]

The counter is 8099

The angle is reset to 135.1457423289694

Energy injection at [0, 1]

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The current number of the iteration is 8100

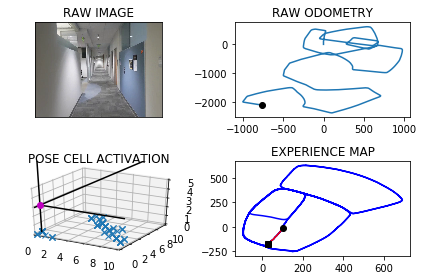
65.0260000229 seconds are elapsed per 100 frames.

The number of units of the VT is 2311

The number of units of the experience map is 2515

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The counter is 8104

The angle is reset to 134.57701963027856

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 8106

The angle is reset to 135.753913741195

Energy injection at [1, 0]

min\_delta\_val

0.0

e\_pc 1 0

current pc 1 0

loop closure

The counter is 8107

The angle is reset to 135.52773961883648

Energy injection at [1, 0]

min\_delta\_val

1.4142135623730951

e\_pc 1 0

current pc 2 9

The counter is 8108

The angle is reset to 135.36941773318551

Energy injection at [1, 0]

The counter is 8109

The angle is reset to 135.25859241322988

Energy injection at [1, 0]

min\_delta\_val

1.4142135623730951

e\_pc 2 9

current pc 1 0

The counter is 8110

The angle is reset to 135.18101468926088

Energy injection at [1, 0]

The counter is 8111

The angle is reset to 134.60171028248263

Energy injection at [2, 9]

min\_delta\_val

1.0

e\_pc 2 9

current pc 1 9

The counter is 8112

The angle is reset to 134.72119719773784

Energy injection at [2, 9]

min\_delta\_val

1.4142135623730951

e\_pc 3 8

current pc 2 9

The counter is 8113

The angle is reset to 134.80483803841648

Energy injection at [2, 9]

The counter is 8114

The angle is reset to 134.86338662689153

Energy injection at [2, 9]

The counter is 8116

The angle is reset to 136.47937063882407

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 8117

The angle is reset to 136.56055944717681

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 8118

The angle is reset to 136.09239161302378

Energy injection at [3, 8]

The counter is 8119

The angle is reset to 135.76467412911666

Energy injection at [3, 8]

The counter is 8120

The angle is reset to 149.03527189038164

Energy injection at [5, 5]

counter 8120

multiple peak # >2

[4L, 5L, 5L] [6L, 5L, 6L]

counter 8123

multiple peak # >2

[4L, 4L, 5L] [5L, 6L, 4L]

The counter is 8124

The angle is reset to 157.27469032326712

Energy injection at [5, 3]

The counter is 8128

The angle is reset to 164.617283226287

Energy injection at [5, 1]

The counter is 8129

The angle is reset to 169.23209825840087

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 8130

The angle is reset to 172.4624687808806

Energy injection at [5, 1]

hash collision

The counter is 8131

The angle is reset to 174.72372814661645

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 8132

The angle is reset to 176.30660970263148

Energy injection at [5, 0]

The counter is 8133

The angle is reset to 177.41462679184204

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 8139

The angle is reset to 178.71523875428946

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

loop closure

The counter is 8140

The angle is reset to 179.10066712800258

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 8143

The angle is reset to 179.3704669896018

Energy injection at [5, 8]

The counter is 8144

The angle is reset to 179.03432689272128

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 8145

The angle is reset to 178.79902882490484

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 8148

The angle is reset to 179.15932017743341

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

loop closure

The counter is 8149

The angle is reset to 179.4115241242034

Energy injection at [5, 6]

The counter is 8150

The angle is reset to 179.58806688694236

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 6

The counter is 8151

The angle is reset to 179.71164682085967

Energy injection at [5, 6]

The counter is 8152

The angle is reset to 179.79815277460173

Energy injection at [5, 5]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 6

The counter is 8153

The angle is reset to 179.8587069422212

Energy injection at [5, 5]

The counter is 8154

The angle is reset to 179.90109485955483

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 8155

The angle is reset to 179.93076640168835

Energy injection at [5, 5]

The counter is 8156

The angle is reset to 179.95153648118182

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 4

loop closure

The counter is 8171

The angle is reset to 178.9160755368273

Energy injection at [5, 9]

The counter is 8172

The angle is reset to 179.24125287577908

Energy injection at [5, 9]

The counter is 8174

The angle is reset to 179.99387701304536

Energy injection at [5, 7]

The counter is 8175

The angle is reset to 179.99571390913175

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 8176

The angle is reset to 180.52199973639222

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 6

current pc 5 7

The counter is 8177

The angle is reset to 180.36539981547455

Energy injection at [5, 7]

The counter is 8178

The angle is reset to 180.25577987083219

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

loop closure

The counter is 8180

The angle is reset to 179.1290459095825

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 8184

The angle is reset to 180.44033213670775

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 3

loop closure

The counter is 8185

The angle is reset to 180.83323249569543

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8190

The angle is reset to 180.0582627469868

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 8191

The angle is reset to 180.04078392289077

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 1

loop closure

The counter is 8192

The angle is reset to 180.02854874602352

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 8194

The angle is reset to 180.01998412221644

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 8195

The angle is reset to 180.0139888855515

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 0

loop closure

The counter is 8196

The angle is reset to 180.00979221988604

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 8

The counter is 8197

The angle is reset to 180.00685455392022

Energy injection at [5, 9]

The counter is 8198

The angle is reset to 180.00479818774414

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8199

The angle is reset to 180.0033587314209

Energy injection at [5, 8]

The counter is 8200

The angle is reset to 180.00235111199464

Energy injection at [5, 8]

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The current number of the iteration is 8200

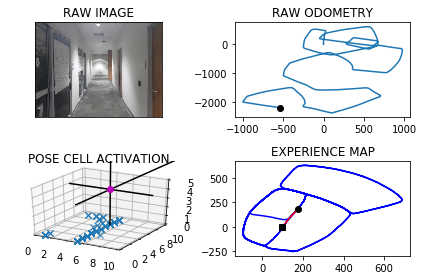
73.5299999714 seconds are elapsed per 100 frames.

The number of units of the VT is 2342

The number of units of the experience map is 2552

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The counter is 8201

The angle is reset to 180.00164577839624

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 8202

The angle is reset to 179.47615204487735

Energy injection at [5, 7]

The counter is 8203

The angle is reset to 179.63330643141416

Energy injection at [5, 7]

The counter is 8206

The angle is reset to 179.7433145019899

Energy injection at [5, 6]

hash collision

The counter is 8207

The angle is reset to 179.8203201513929

Energy injection at [5, 6]

hash collision

The counter is 8208

The angle is reset to 179.87422410597503

Energy injection at [5, 6]

The counter is 8209

The angle is reset to 179.91195687418252

Energy injection at [5, 5]

hash collision

The counter is 8210

The angle is reset to 179.93836981192774

Energy injection at [5, 5]

hash collision

The counter is 8212

The angle is reset to 179.95685886834943

Energy injection at [5, 4]

hash collision

The counter is 8213

The angle is reset to 179.9698012078446

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 4

loop closure

The counter is 8214

The angle is reset to 179.4538608454912

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 4

The counter is 8216

The angle is reset to 179.61770259184382

Energy injection at [5, 2]

The counter is 8217

The angle is reset to 179.73239181429065

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8218

The angle is reset to 179.81267427000344

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 8219

The angle is reset to 179.8688719890024

Energy injection at [5, 2]

The counter is 8220

The angle is reset to 179.9082103923017

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 1

The counter is 8221

The angle is reset to 179.93574727461115

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 8222

The angle is reset to 179.95502309222783

Energy injection at [5, 1]

The counter is 8223

The angle is reset to 179.96851616455947

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 5 0

The counter is 8224

The angle is reset to 179.9779613151916

Energy injection at [5, 1]

The counter is 8225

The angle is reset to 179.45957292063412

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 8226

The angle is reset to 179.62170104444388

Energy injection at [5, 0]

The counter is 8227

The angle is reset to 179.7351907311107

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8228

The angle is reset to 179.28963351177745

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 0

The counter is 8229

The angle is reset to 179.50274345824423

Energy injection at [5, 0]

The counter is 8230

The angle is reset to 179.65192042077095

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 8231

The angle is reset to 180.28134429453968

Energy injection at [5, 0]

hash collision

The counter is 8232

The angle is reset to 180.72194100617776

Energy injection at [5, 0]

hash collision

The counter is 8233

The angle is reset to 180.50535870432444

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

loop closure

The counter is 8234

The angle is reset to 180.35375109302709

Energy injection at [5, 8]

The counter is 8235

The angle is reset to 180.24762576511898

Energy injection at [5, 8]

The counter is 8236

The angle is reset to 179.6483380355833

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

The counter is 8237

The angle is reset to 179.2288366249083

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

The counter is 8238

The angle is reset to 179.46018563743579

Energy injection at [5, 8]

The counter is 8239

The angle is reset to 180.14712994620504

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8240

The angle is reset to 180.1029909623435

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8241

The angle is reset to 180.59709367364044

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 8242

The angle is reset to 180.94296557154829

Energy injection at [5, 7]

hash collision

The counter is 8243

The angle is reset to 180.6600759000838

Energy injection at [5, 7]

hash collision

The counter is 8244

The angle is reset to 180.46205313005865

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 8245

The angle is reset to 180.32343719104102

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 8246

The angle is reset to 180.22640603372872

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 7

The counter is 8247

The angle is reset to 180.1584842236101

Energy injection at [5, 5]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 6

loop closure

The counter is 8248

The angle is reset to 180.11093895652706

Energy injection at [5, 5]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 4

The counter is 8249

The angle is reset to 180.07765726956893

Energy injection at [5, 5]

The counter is 8250

The angle is reset to 180.05436008869822

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 6

current pc 5 5

The counter is 8251

The angle is reset to 180.03805206208878

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 4

current pc 5 5

loop closure

The counter is 8252

The angle is reset to 180.55163644346212

Energy injection at [5, 4]

The counter is 8253

The angle is reset to 181.43614551042347

Energy injection at [5, 5]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 4

loop closure

The counter is 8254

The angle is reset to 181.53030185729642

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 8255

The angle is reset to 181.59621130010748

Energy injection at [5, 4]

The counter is 8256

The angle is reset to 181.11734791007524

Energy injection at [5, 5]

min\_delta\_val

1.0

e\_pc 5 5

current pc 5 4

loop closure

The counter is 8257

The angle is reset to 180.78214353705266

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 8258

The angle is reset to 180.02250047593685

Energy injection at [5, 5]

The counter is 8259

The angle is reset to 179.4907503331558

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

loop closure

The counter is 8260

The angle is reset to 179.64352523320906

Energy injection at [5, 5]

min\_delta\_val

1.0

e\_pc 5 4

current pc 5 5

loop closure

The counter is 8261

The angle is reset to 179.75046766324633

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 4

current pc 5 5

The counter is 8262

The angle is reset to 179.82532736427243

Energy injection at [5, 4]

The counter is 8263

The angle is reset to 179.87772915499067

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 4

The counter is 8264

The angle is reset to 179.91441040849347

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 4

current pc 5 3

loop closure

The counter is 8265

The angle is reset to 179.94008728594542

Energy injection at [5, 4]

The counter is 8266

The angle is reset to 179.95806110016179

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 4

The counter is 8267

The angle is reset to 179.97064277011324

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

The counter is 8268

The angle is reset to 179.4544499390793

Energy injection at [5, 3]

The counter is 8269

The angle is reset to 180.14311495735546

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

The counter is 8270

The angle is reset to 179.5751804701488

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

The counter is 8271

The angle is reset to 179.17762632910416

Energy injection at [5, 3]

The counter is 8274

The angle is reset to 178.8993384303729

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

loop closure

The counter is 8275

The angle is reset to 179.229536901261

Energy injection at [5, 3]

The counter is 8276

The angle is reset to 179.98567583088268

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 3

loop closure

The counter is 8277

The angle is reset to 180.51497308161788

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 1

The counter is 8278

The angle is reset to 180.88548115713255

Energy injection at [5, 2]

The counter is 8279

The angle is reset to 180.61983680999276

Energy injection at [5, 2]

The counter is 8280

The angle is reset to 180.95888576699494

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 8281

The angle is reset to 180.67122003689647

Energy injection at [5, 2]

The counter is 8282

The angle is reset to 180.4698540258275

Energy injection at [5, 2]

The counter is 8283

The angle is reset to 180.32889781807924

Energy injection at [5, 2]

The counter is 8284

The angle is reset to 180.23022847265545

Energy injection at [5, 2]

The counter is 8285

The angle is reset to 179.6361599308588

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 8286

The angle is reset to 179.74531195160117

Energy injection at [5, 1]

The counter is 8287

The angle is reset to 180.3467183661208

Energy injection at [5, 1]

The counter is 8288

The angle is reset to 180.76770285628456

Energy injection at [5, 1]

The counter is 8289

The angle is reset to 181.06239199939918

Energy injection at [5, 1]

The counter is 8290

The angle is reset to 180.74367439957945

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 1

The counter is 8291

The angle is reset to 180.52057207970557

Energy injection at [5, 0]

The counter is 8292

The angle is reset to 180.36440045579388

Energy injection at [5, 0]

The counter is 8293

The angle is reset to 180.2550803190557

Energy injection at [5, 0]

The counter is 8294

The angle is reset to 180.178556223339

Energy injection at [5, 0]

The counter is 8295

The angle is reset to 180.64998935633727

Energy injection at [5, 0]

The counter is 8296

The angle is reset to 180.45499254943607

Energy injection at [5, 0]

The counter is 8297

The angle is reset to 179.79349478460523

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 0

The counter is 8298

The angle is reset to 179.85544634922366

Energy injection at [5, 9]

The counter is 8299

The angle is reset to 181.47381244445654

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8300

The angle is reset to 181.5566687111196

Energy injection at [5, 9]

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The current number of the iteration is 8300

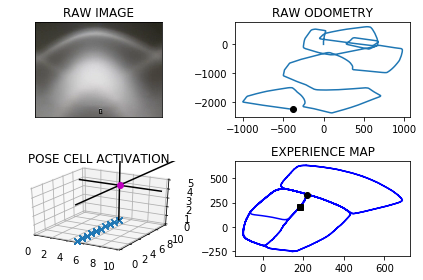
118.25 seconds are elapsed per 100 frames.

The number of units of the VT is 2346

The number of units of the experience map is 2558

02/20/19 10:29:34

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The counter is 8301

The angle is reset to 181.61466809778372

Energy injection at [5, 9]

The counter is 8302

The angle is reset to 181.1302676684486

Energy injection at [5, 9]

The counter is 8303

The angle is reset to 181.31618736791398

Energy injection at [5, 9]

The counter is 8304

The angle is reset to 181.44633115753982

Energy injection at [5, 9]

The counter is 8305

The angle is reset to 181.01243181027786

Energy injection at [5, 9]

The counter is 8306

The angle is reset to 180.7087022671945

Energy injection at [5, 9]

The counter is 8307

The angle is reset to 180.49609158703612

Energy injection at [5, 9]

The counter is 8308

The angle is reset to 182.44726411092526

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8309

The angle is reset to 184.33808487764767

Energy injection at [5, 9]

The counter is 8311

The angle is reset to 191.96165941435336

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 8314

The angle is reset to 203.07316159004736

Energy injection at [5, 9]

hash collision

The counter is 8315

The angle is reset to 213.85121311303314

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8316

The angle is reset to 221.39584917912316

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

The counter is 8317

The angle is reset to 225.62709442538622

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

The counter is 8318

The angle is reset to 227.53896609777033

Energy injection at [5, 8]

The counter is 8319

The angle is reset to 228.35227626843923

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8320

The angle is reset to 229.44659338790743

Energy injection at [5, 8]

hash collision

The counter is 8321

The angle is reset to 229.1626153715352

Energy injection at [5, 8]

hash collision

The counter is 8322

The angle is reset to 228.96383076007464

Energy injection at [5, 8]

hash collision

The counter is 8324

The angle is reset to 228.8246815320522

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8325

The angle is reset to 228.20227707243654

Energy injection at [3, 0]

The counter is 8326

The angle is reset to 228.29159395070556

Energy injection at [4, 7]

The counter is 8327

The angle is reset to 227.3041157654939

Energy injection at [4, 7]

The counter is 8328

The angle is reset to 227.1378810358457

Energy injection at [4, 7]

The counter is 8329

The angle is reset to 226.496516725092

Energy injection at [4, 7]

The counter is 8330

The angle is reset to 226.04756170756437

Energy injection at [4, 7]

The counter is 8331

The angle is reset to 225.7332931952951

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 3 0

current pc 4 7

loop closure

The counter is 8332

The angle is reset to 224.98830523670654

Energy injection at [4, 7]

The counter is 8333

The angle is reset to 224.99181366569456

Energy injection at [4, 7]

The counter is 8334

The angle is reset to 224.99426956598617

Energy injection at [4, 7]

The counter is 8339

The angle is reset to 224.99598869619032

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 8342

The angle is reset to 224.99719208733322

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 8346

The angle is reset to 224.47303446113327

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 8347

The angle is reset to 224.63112412279327

Energy injection at [3, 6]

The counter is 8350

The angle is reset to 225.79178688595528

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 5

loop closure

The counter is 8351

The angle is reset to 225.55425082016868

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

The counter is 8352

The angle is reset to 225.3879755741181

Energy injection at [3, 6]

The counter is 8353

The angle is reset to 224.74658290188262

Energy injection at [3, 6]

The counter is 8354

The angle is reset to 224.8226080313178

Energy injection at [3, 6]

min\_delta\_val

1.4142135623730951

e\_pc 2 5

current pc 3 6

loop closure

The counter is 8355

The angle is reset to 224.87582562192247

Energy injection at [3, 6]

The counter is 8356

The angle is reset to 224.91307793534574

Energy injection at [3, 6]

The counter is 8357

The angle is reset to 224.939154554742

Energy injection at [1, 4]

The counter is 8358

The angle is reset to 224.9574081883194

Energy injection at [1, 4]

The counter is 8359

The angle is reset to 224.97018573182356

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 8360

The angle is reset to 224.9791300122765

Energy injection at [1, 4]

The counter is 8361

The angle is reset to 224.98539100859352

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 1 4

current pc 1 3

The counter is 8362

The angle is reset to 225.5147737060155

Energy injection at [1, 4]

The counter is 8363

The angle is reset to 225.36034159421084

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 8364

The angle is reset to 225.25223911594756

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 8365

The angle is reset to 225.17656738116327

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

loop closure

The counter is 8366

The angle is reset to 224.5985971668143

Energy injection at [1, 4]

min\_delta\_val

1.4142135623730951

e\_pc 1 4

current pc 0 3

loop closure

The counter is 8367

The angle is reset to 224.71901801677

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 8368

The angle is reset to 224.803312611739

Energy injection at [0, 3]

min\_delta\_val

1.4142135623730951

e\_pc 0 3

current pc 9 2

The counter is 8369

The angle is reset to 224.8623188282173

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 8370

The angle is reset to 225.4286231797521

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 8371

The angle is reset to 225.30003622582646

Energy injection at [0, 3]

The counter is 8372

The angle is reset to 225.7350253580785

Energy injection at [9, 2]

The counter is 8373

The angle is reset to 226.03951775065494

Energy injection at [9, 2]

The counter is 8374

The angle is reset to 226.25266242545842

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 8375

The angle is reset to 226.40186369782091

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 8376

The angle is reset to 225.98130458847464

Energy injection at [8, 1]

The counter is 8377

The angle is reset to 225.68691321193222

Energy injection at [8, 1]

hash collision

The counter is 8378

The angle is reset to 225.48083924835254

Energy injection at [8, 1]

hash collision

The counter is 8379

The angle is reset to 225.33658747384678

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 8380

The angle is reset to 225.23561123169273

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

The counter is 8381

The angle is reset to 225.16492786218492

Energy injection at [8, 1]

The counter is 8382

The angle is reset to 225.11544950352942

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 8 1

loop closure

The counter is 8383

The angle is reset to 225.0808146524706

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 8384

The angle is reset to 225.0565702567294

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 0

The counter is 8385

The angle is reset to 225.03959917971056

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 8386

The angle is reset to 225.02771942579736

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 8387

The angle is reset to 225.01940359805815

Energy injection at [7, 0]

The counter is 8388

The angle is reset to 225.0135825186407

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 8389

The angle is reset to 225.00950776304848

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 0

current pc 7 9

The counter is 8390

The angle is reset to 225.5316554341339

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 0

current pc 7 9

The counter is 8391

The angle is reset to 225.89715880389375

Energy injection at [6, 8]

counter 8391

multiple peak # >2

[6L, 6L, 7L] [8L, 9L, 9L]

The counter is 8392

The angle is reset to 226.67801116272562

Energy injection at [6, 8]

The counter is 8393

The angle is reset to 231.4246078139079

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 8

loop closure

The counter is 8394

The angle is reset to 230.5472254697355

Energy injection at [6, 9]

min\_delta\_val

1.4142135623730951

e\_pc 5 9

current pc 6 8

The counter is 8395

The angle is reset to 229.40805782881483

Energy injection at [6, 9]

The counter is 8396

The angle is reset to 230.71064048017038

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 5 9

The counter is 8397

The angle is reset to 230.04744833611926

Energy injection at [6, 9]

The counter is 8398

The angle is reset to 229.5832138352835

Energy injection at [6, 9]

The counter is 8399

The angle is reset to 229.78324968469846

Energy injection at [6, 9]

The counter is 8400

The angle is reset to 230.97327477928894

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

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The current number of the iteration is 8400

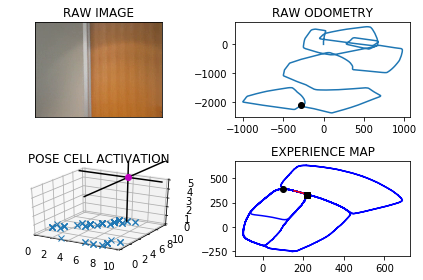
99.1789999008 seconds are elapsed per 100 frames.

The number of units of the VT is 2355

The number of units of the experience map is 2572

02/20/19 10:31:13

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The counter is 8401

The angle is reset to 232.85629234550223

Energy injection at [6, 8]

over

over

over

The counter is 8408

The angle is reset to 274.9744046418515

Energy injection at [2, 8]

The counter is 8409

The angle is reset to 291.18208324929606

Energy injection at [1, 8]

min\_delta\_val

0.0

e\_pc 1 8

current pc 1 8

loop closure

The counter is 8420

The angle is reset to 306.7274582745072

Energy injection at [0, 0]

The counter is 8423

The angle is reset to 309.73422079215504

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 8424

The angle is reset to 311.8389545545085

Energy injection at [9, 1]

The counter is 8425

The angle is reset to 312.78726818815596

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 8426

The angle is reset to 313.45108773170915

Energy injection at [9, 1]

The counter is 8431

The angle is reset to 327.41576141219633

Energy injection at [9, 7]

The counter is 8432

The angle is reset to 337.1910329885375

Energy injection at [9, 7]

The counter is 8433

The angle is reset to 344.0337230919762

Energy injection at [9, 7]

The counter is 8434

The angle is reset to 348.8236061643833

Energy injection at [9, 7]

The counter is 8435

The angle is reset to 352.70152431506835

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 8436

The angle is reset to 354.8910670205478

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

loop closure

The counter is 8437

The angle is reset to 356.42374691438346

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 9

loop closure

The counter is 8438

The angle is reset to 356.9716228400684

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 8443

The angle is reset to 356.83013598804786

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 8444

The angle is reset to 357.7810951916334

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 8445

The angle is reset to 358.4467666341434

Energy injection at [9, 1]

The counter is 8446

The angle is reset to 358.91273664390036

Energy injection at [9, 1]

The counter is 8447

The angle is reset to 359.2389156507302

Energy injection at [9, 1]

hash collision

The counter is 8448

The angle is reset to 359.4672409555111

Energy injection at [9, 1]

hash collision

The counter is 8449

The angle is reset to 359.1020686688578

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 2

loop closure

The counter is 8450

The angle is reset to 359.3714480682004

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 8451

The angle is reset to 359.5600136477403

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 8452

The angle is reset to 359.6920095534182

Energy injection at [9, 2]

The counter is 8453

The angle is reset to 359.7844066873927

Energy injection at [9, 2]

The counter is 8454

The angle is reset to 359.8490846811749

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 8455

The angle is reset to 359.8943592768224

Energy injection at [9, 2]

The counter is 8456

The angle is reset to 359.9260514937756

Energy injection at [9, 2]

The counter is 8457

The angle is reset to 359.94823604564294

Energy injection at [9, 2]

The counter is 8458

The angle is reset to 359.96376523195005

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 8459

The angle is reset to 359.97463566236496

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

loop closure

The counter is 8460

The angle is reset to 359.9822449636555

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 8461

The angle is reset to 359.9875714745588

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 8462

The angle is reset to 359.9913000321912

Energy injection at [9, 3]

The counter is 8463

The angle is reset to 359.9939100225338

Energy injection at [9, 3]

The counter is 8464

The angle is reset to 359.9957370157736

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 8465

The angle is reset to 359.99701591104156

Energy injection at [9, 4]

The counter is 8466

The angle is reset to 359.9979111377291

Energy injection at [9, 4]

The counter is 8467

The angle is reset to 346.4985377964103

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 8468

The angle is reset to 337.0489764574872

Energy injection at [9, 4]

The counter is 8469

The angle is reset to 330.434283520241

Energy injection at [9, 4]

The counter is 8470

The angle is reset to 339.3039984641687

Energy injection at [9, 5]

The counter is 8471

The angle is reset to 345.5127989249181

Energy injection at [9, 5]

The counter is 8472

The angle is reset to 349.8589592474426

Energy injection at [9, 5]

The counter is 8473

The angle is reset to 352.3762714732098

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

loop closure

The counter is 8474

The angle is reset to 354.13839003124684

Energy injection at [9, 5]

The counter is 8475

The angle is reset to 355.89687302187275

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 5

The counter is 8476

The angle is reset to 357.1278111153109

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 8477

The angle is reset to 357.98946778071763

Energy injection at [9, 6]

The counter is 8478

The angle is reset to 358.5926274465024

Energy injection at [9, 6]

The counter is 8479

The angle is reset to 359.53983921255167

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

loop closure

The counter is 8480

The angle is reset to 0.20288744878616707

Energy injection at [9, 6]

The counter is 8481

The angle is reset to 0.6670212141503168

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 8482

The angle is reset to 0.46691484990522186

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 8483

The angle is reset to 0.3268403949336553

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 8484

The angle is reset to 0.22878827645355868

Energy injection at [9, 6]

The counter is 8485

The angle is reset to 0.1601517935174911

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

The counter is 8486

The angle is reset to 359.58710625546223

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 6

The counter is 8487

The angle is reset to 359.7109743788236

Energy injection at [9, 6]

The counter is 8488

The angle is reset to 359.79768206517645

Energy injection at [9, 6]

hash collision

The counter is 8489

The angle is reset to 359.85837744562355

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 8490

The angle is reset to 359.90086421193644

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 8491

The angle is reset to 0.4556049483555195

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 9

The counter is 8492

The angle is reset to 0.8439234638488635

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 8493

The angle is reset to 0.5907464246942046

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 8494

The angle is reset to 0.41352249728594315

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

loop closure

The counter is 8495

The angle is reset to 0.2894657481001602

Energy injection at [9, 8]

hash collision

The counter is 8496

The angle is reset to 0.2026260236701121

Energy injection at [9, 8]

hash collision

The counter is 8497

The angle is reset to 359.6168382165691

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 8

loop closure

The counter is 8498

The angle is reset to 359.73178675159835

Energy injection at [9, 9]

hash collision

The counter is 8499

The angle is reset to 359.81225072611886

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 8500

The angle is reset to 359.86857550828313

Energy injection at [9, 9]

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The current number of the iteration is 8500

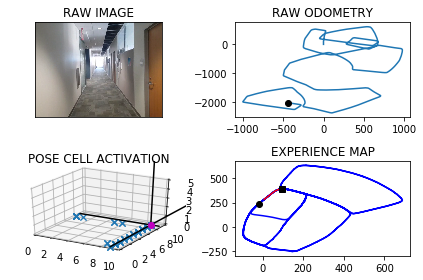
93.5950000286 seconds are elapsed per 100 frames.

The number of units of the VT is 2372

The number of units of the experience map is 2596

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The counter is 8501

The angle is reset to 359.90800285579826

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 8502

The angle is reset to 359.9356019990587

Energy injection at [9, 0]

The counter is 8503

The angle is reset to 359.95492139934106

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 8504

The angle is reset to 359.9684449795388

Energy injection at [9, 0]

The counter is 8505

The angle is reset to 359.9779114856771

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 8506

The angle is reset to 359.45953803997395

Energy injection at [9, 0]

The counter is 8507

The angle is reset to 359.0966766279817

Energy injection at [9, 0]

The counter is 8508

The angle is reset to 359.36767363958717

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 8509

The angle is reset to 359.557371547711

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 8510

The angle is reset to 359.6901600833977

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

loop closure

The counter is 8511

The angle is reset to 359.7831120583784

Energy injection at [9, 1]

The counter is 8512

The angle is reset to 359.84817844086484

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 8513

The angle is reset to 359.8937249086054

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 2

loop closure

The counter is 8514

The angle is reset to 359.9256074360237

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 8515

The angle is reset to 359.9479252052166

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 8516

The angle is reset to 359.96354764365157

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

loop closure

The counter is 8517

The angle is reset to 359.97448335055606

Energy injection at [9, 2]

The counter is 8518

The angle is reset to 359.9821383453893

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 8520

The angle is reset to 359.46249684177246

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 8524

The angle is reset to 359.6237477892407

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 8525

The angle is reset to 359.73662345246845

Energy injection at [9, 4]

The counter is 8526

The angle is reset to 359.81563641672795

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

loop closure

The counter is 8527

The angle is reset to 0.39594549170955756

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 8529

The angle is reset to 0.27716184419669027

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 8530

The angle is reset to 0.19401329093768316

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 8531

The angle is reset to 0.1358093036563782

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

loop closure

The counter is 8532

The angle is reset to 0.09506651255946473

Energy injection at [9, 5]

The counter is 8533

The angle is reset to 0.0665465587916253

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 8534

The angle is reset to 0.04658259115413771

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 8535

The angle is reset to 0.032607813807896395

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

loop closure

The counter is 8536

The angle is reset to 0.5478254696655274

Energy injection at [9, 7]

hash collision

The counter is 8537

The angle is reset to 0.9084778287658692

Energy injection at [9, 6]

hash collision

The counter is 8538

The angle is reset to 1.1609344801361083

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 8539

The angle is reset to 0.8126541360952757

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 8540

The angle is reset to 0.568857895266693

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 8541

The angle is reset to 359.8732005266867

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 8543

The angle is reset to 359.38624036868066

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 8544

The angle is reset to 359.5703682580764

Energy injection at [9, 7]

The counter is 8546

The angle is reset to 359.69925778065357

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 8547

The angle is reset to 0.31448044645746365

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 8548

The angle is reset to 0.7451363125202245

Energy injection at [9, 9]

hash collision

The counter is 8549

The angle is reset to 1.046595418764157

Energy injection at [9, 9]

hash collision

The counter is 8550

The angle is reset to 1.2576167931349098

Energy injection at [9, 9]

The counter is 8551

The angle is reset to 0.8803317551944367

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 8552

The angle is reset to 0.6162322286361057

Energy injection at [9, 0]

The counter is 8553

The angle is reset to 359.90636256004524

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 8554

The angle is reset to 359.9344537920317

Energy injection at [9, 0]

The counter is 8555

The angle is reset to 359.9541176544222

Energy injection at [9, 0]

The counter is 8556

The angle is reset to 359.9678823580955

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

The counter is 8557

The angle is reset to 359.9775176506668

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

The counter is 8558

The angle is reset to 359.9842623554668

Energy injection at [9, 0]

The counter is 8559

The angle is reset to 0.5139836488267201

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 8560

The angle is reset to 0.8847885541787041

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

loop closure

The counter is 8561

The angle is reset to 1.6693519879250929

Energy injection at [9, 1]

The counter is 8562

The angle is reset to 2.218546391547565

Energy injection at [9, 1]

The counter is 8563

The angle is reset to 2.602982474083295

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 2

loop closure

The counter is 8564

The angle is reset to 2.347087731858306

Energy injection at [9, 1]

The counter is 8565

The angle is reset to 3.7429614123008146

Energy injection at [9, 1]

The counter is 8566

The angle is reset to 4.7200729886105695

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 8567

The angle is reset to 5.929051092027398

Energy injection at [9, 1]

The counter is 8568

The angle is reset to 6.775335764419178

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 8569

The angle is reset to 8.417735035093425

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

The counter is 8570

The angle is reset to 23.5924145245654

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 8572

The angle is reset to 39.464690167195776

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

loop closure

The counter is 8573

The angle is reset to 45.850283117037044

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

The counter is 8574

The angle is reset to 49.795198181925926

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 8577

The angle is reset to 74.45663872734815

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 0 3

current pc 9 3

loop closure

The counter is 8580

The angle is reset to 85.94464710914369

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

loop closure

The counter is 8581

The angle is reset to 88.21125297640057

Energy injection at [0, 3]

The counter is 8582

The angle is reset to 89.27287708348041

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

The counter is 8584

The angle is reset to 90.5410139584363

Energy injection at [1, 3]

min\_delta\_val

0.0

e\_pc 1 3

current pc 1 3

loop closure

The counter is 8585

The angle is reset to 90.3787097709054

Energy injection at [1, 3]

The counter is 8586

The angle is reset to 90.26509683963377

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 0 3

current pc 1 3

The counter is 8589

The angle is reset to 92.28556778774362

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 2 3

loop closure

The counter is 8590

The angle is reset to 92.12489745142054

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 8591

The angle is reset to 92.01242821599438

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 2 3

The counter is 8592

The angle is reset to 91.93369975119606

Energy injection at [2, 3]

The counter is 8593

The angle is reset to 91.87858982583725

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 8594

The angle is reset to 91.31501287808607

Energy injection at [3, 3]

-----------------------------------------------------------

The current number of the iteration is 8600

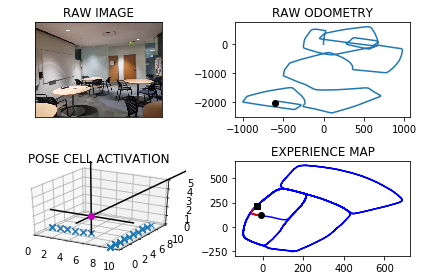
117.709000111 seconds are elapsed per 100 frames.

The number of units of the VT is 2386

The number of units of the experience map is 2611

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The counter is 8627

The angle is reset to 84.09550901466021

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 8656

The angle is reset to 85.8668563102621

Energy injection at [8, 3]

The counter is 8657

The angle is reset to 89.20679941718346

Energy injection at [8, 3]

The counter is 8658

The angle is reset to 91.54475959202843

Energy injection at [8, 3]

The counter is 8659

The angle is reset to 93.70633171441989

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 8 3

loop closure

The counter is 8666

The angle is reset to 127.6194322000939

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 1 3

loop closure

The counter is 8677

The angle is reset to 171.15860254006571

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 8684

The angle is reset to 175.38602177804603

Energy injection at [5, 1]

The counter is 8686

The angle is reset to 177.8202152446322

Energy injection at [5, 0]

hash collision

The counter is 8687

The angle is reset to 178.99915067124252

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 9

loop closure

The counter is 8688

The angle is reset to 179.29940546986975

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8689

The angle is reset to 179.5095838289088

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 8

The counter is 8690

The angle is reset to 179.65670868023614

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8691

The angle is reset to 179.2346960761653

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8692

The angle is reset to 178.9392872533157

Energy injection at [5, 7]

hash collision

The counter is 8693

The angle is reset to 178.732501077321

Energy injection at [5, 7]

The counter is 8694

The angle is reset to 179.11275075412465

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

loop closure

The counter is 8695

The angle is reset to 179.37892552788728

Energy injection at [5, 7]

The counter is 8696

The angle is reset to 179.56524786952107

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 6

current pc 5 5

The counter is 8697

The angle is reset to 179.69567350866473

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

The counter is 8698

The angle is reset to 179.78697145606532

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 5

current pc 5 5

-----------------------------------------------------------

The current number of the iteration is 8700

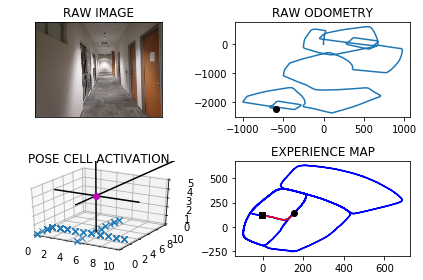
36.5409998894 seconds are elapsed per 100 frames.

The number of units of the VT is 2419

The number of units of the experience map is 2650

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The counter is 8705

The angle is reset to 177.7508800192457

Energy injection at [5, 2]

The counter is 8708

The angle is reset to 178.425616013472

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8711

The angle is reset to 178.89793120943034

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 8714

The angle is reset to 179.22855184660128

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 8715

The angle is reset to 179.4599862926209

Energy injection at [5, 0]

The counter is 8716

The angle is reset to 179.6219904048346

Energy injection at [5, 9]

hash collision

The counter is 8717

The angle is reset to 179.7353932833842

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 8718

The angle is reset to 179.81477529836897

Energy injection at [5, 9]

The counter is 8719

The angle is reset to 179.8703427088583

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8720

The angle is reset to 179.9092398962008

Energy injection at [5, 9]

The counter is 8721

The angle is reset to 180.46146792734055

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 7

current pc 5 8

loop closure

The counter is 8722

The angle is reset to 180.32302754913837

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 8723

The angle is reset to 180.75111928439688

Energy injection at [5, 7]

The counter is 8728

The angle is reset to 180.0007834990778

Energy injection at [5, 6]

hash collision

The counter is 8751

The angle is reset to 178.95054844935444

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 0

loop closure

The counter is 8754

The angle is reset to 179.2653839145481

Energy injection at [5, 8]

The counter is 8774

The angle is reset to 177.91076874018367

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 8775

The angle is reset to 178.53753811812857

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 8776

The angle is reset to 178.97627668268998

Energy injection at [5, 4]

The counter is 8777

The angle is reset to 179.28339367788297

Energy injection at [5, 4]

The counter is 8778

The angle is reset to 179.49837557451806

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 8779

The angle is reset to 179.64886290216262

Energy injection at [5, 5]

The counter is 8780

The angle is reset to 180.27920403151384

Energy injection at [5, 5]

The counter is 8783

The angle is reset to 180.19544282205968

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 8789

The angle is reset to 179.08680997544175

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

loop closure

The counter is 8792

The angle is reset to 179.36076698280922

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8793

The angle is reset to 179.55253688796643

Energy injection at [5, 2]

The counter is 8794

The angle is reset to 180.2117758215765

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

loop closure

The counter is 8795

The angle is reset to 180.14824307510352

Energy injection at [5, 3]

The counter is 8797

The angle is reset to 178.52877015257246

Energy injection at [5, 2]

The counter is 8798

The angle is reset to 178.97013910680073

Energy injection at [5, 2]

The counter is 8799

The angle is reset to 179.2790973747605

Energy injection at [5, 2]

The counter is 8800

The angle is reset to 179.4953681623323

Energy injection at [5, 2]

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The current number of the iteration is 8800

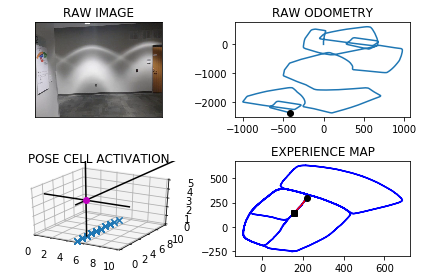
41.1590001583 seconds are elapsed per 100 frames.

The number of units of the VT is 2463

The number of units of the experience map is 2697

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The counter is 8801

The angle is reset to 179.64675771363264

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8802

The angle is reset to 179.75273039954283

Energy injection at [5, 2]

The counter is 8803

The angle is reset to 180.35191127967997

Energy injection at [5, 2]

The counter is 8804

The angle is reset to 180.77133789577599

Energy injection at [5, 2]

The counter is 8805

The angle is reset to 180.0149365270432

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 8806

The angle is reset to 179.4854555689302

Energy injection at [5, 1]

The counter is 8807

The angle is reset to 179.11481889825112

Energy injection at [5, 1]

The counter is 8808

The angle is reset to 178.85537322877582

Energy injection at [5, 1]

The counter is 8809

The angle is reset to 179.19876126014307

Energy injection at [5, 1]

The counter is 8810

The angle is reset to 179.43913288210015

Energy injection at [5, 1]

The counter is 8811

The angle is reset to 179.60739301747012

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 8812

The angle is reset to 179.72517511222907

Energy injection at [5, 0]

The counter is 8813

The angle is reset to 179.28262257856034

Energy injection at [5, 0]

The counter is 8814

The angle is reset to 180.0228358049922

Energy injection at [5, 0]

The counter is 8815

The angle is reset to 180.01598506349453

Energy injection at [5, 0]

The counter is 8816

The angle is reset to 180.01118954444615

Energy injection at [5, 0]

The counter is 8817

The angle is reset to 180.0078326811123

Energy injection at [5, 0]

The counter is 8818

The angle is reset to 179.4804828767786

Energy injection at [5, 9]

hash collision

The counter is 8819

The angle is reset to 179.11133801374498

Energy injection at [5, 9]

hash collision

The counter is 8820

The angle is reset to 179.37793660962149

Energy injection at [5, 9]

hash collision

The counter is 8821

The angle is reset to 179.56455562673506

Energy injection at [5, 9]

hash collision

The counter is 8822

The angle is reset to 179.69518893871455

Energy injection at [5, 9]

hash collision

The counter is 8823

The angle is reset to 179.78663225710017

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 9

loop closure

The counter is 8824

The angle is reset to 179.8506425799701

Energy injection at [5, 0]

The counter is 8825

The angle is reset to 180.42044980597908

Energy injection at [5, 0]

The counter is 8826

The angle is reset to 180.81931486418534

Energy injection at [5, 0]

The counter is 8827

The angle is reset to 181.09852040492976

Energy injection at [5, 0]

The counter is 8828

The angle is reset to 181.29396428345078

Energy injection at [5, 0]

The counter is 8829

The angle is reset to 180.90577499841558

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 0

loop closure

The counter is 8830

The angle is reset to 181.15904249889087

Energy injection at [5, 9]

The counter is 8831

The angle is reset to 182.91132974922363

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8832

The angle is reset to 185.18793082445652

Energy injection at [5, 9]

The counter is 8833

The angle is reset to 187.30655157711956

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8834

The angle is reset to 189.83958610398366

Energy injection at [5, 9]

The counter is 8835

The angle is reset to 191.61271027278858

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

loop closure

The counter is 8836

The angle is reset to 189.703897190952

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8837

The angle is reset to 192.56772803366638

Energy injection at [5, 8]

The counter is 8838

The angle is reset to 207.02240962356646

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 8839

The angle is reset to 216.0906867364965

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

The counter is 8840

The angle is reset to 222.43848071554754

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 6

current pc 5 7

The counter is 8841

The angle is reset to 226.88193650088326

Energy injection at [5, 6]

The counter is 8842

The angle is reset to 228.94235555061832

Energy injection at [5, 6]

min\_delta\_val

1.0

e\_pc 5 6

current pc 5 5

The counter is 8843

The angle is reset to 229.33464888543278

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

The counter is 8844

The angle is reset to 229.60925421980298

Energy injection at [5, 6]

The counter is 8845

The angle is reset to 229.27647795386207

Energy injection at [5, 6]

The counter is 8846

The angle is reset to 228.51853456770343

Energy injection at [4, 5]

min\_delta\_val

0.0

e\_pc 4 5

current pc 4 5

loop closure

The counter is 8847

The angle is reset to 227.98797419739236

Energy injection at [5, 8]

The counter is 8848

The angle is reset to 227.61658193817468

Energy injection at [5, 8]

The counter is 8849

The angle is reset to 226.83160735672226

Energy injection at [5, 8]

The counter is 8850

The angle is reset to 226.28212514970556

Energy injection at [5, 8]

The counter is 8851

The angle is reset to 225.8974876047939

Energy injection at [5, 8]

The counter is 8852

The angle is reset to 225.6282413233557

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8853

The angle is reset to 225.43976892634896

Energy injection at [5, 8]

The counter is 8854

The angle is reset to 225.30783824844428

Energy injection at [5, 8]

The counter is 8855

The angle is reset to 225.74048677391096

Energy injection at [3, 0]

The counter is 8856

The angle is reset to 226.0433407417377

Energy injection at [4, 7]

The counter is 8857

The angle is reset to 226.2553385192164

Energy injection at [4, 7]

The counter is 8858

The angle is reset to 225.87873696345144

Energy injection at [4, 7]

The counter is 8859

The angle is reset to 212.640115874416

Energy injection at [3, 0]

The counter is 8860

The angle is reset to 202.8480811120912

Energy injection at [3, 0]

The counter is 8861

The angle is reset to 209.49365677846384

Energy injection at [4, 7]

The counter is 8862

The angle is reset to 200.12055974492466

Energy injection at [3, 0]

The counter is 8863

The angle is reset to 194.0843918214473

Energy injection at [3, 0]

The counter is 8864

The angle is reset to 203.35907427501306

Energy injection at [3, 6]

The counter is 8865

The angle is reset to 209.85135199250914

Energy injection at [3, 6]

The counter is 8866

The angle is reset to 214.39594639475638

Energy injection at [3, 6]

The counter is 8867

The angle is reset to 217.57716247632948

Energy injection at [3, 6]

The counter is 8868

The angle is reset to 220.32901373343063

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 8869

The angle is reset to 221.73030961340143

Energy injection at [3, 6]

The counter is 8870

The angle is reset to 223.236216729381

Energy injection at [3, 6]

hash collision

The counter is 8873

The angle is reset to 223.24035171056667

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

loop closure

The counter is 8874

The angle is reset to 223.24324619739664

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 8875

The angle is reset to 223.77027233817765

Energy injection at [3, 6]

The counter is 8876

The angle is reset to 224.13919063672435

Energy injection at [3, 6]

The counter is 8877

The angle is reset to 224.39743344570707

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 8878

The angle is reset to 224.5782034119949

Energy injection at [3, 6]

The counter is 8879

The angle is reset to 224.70474238839643

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 6

The counter is 8880

The angle is reset to 224.79331967187753

Energy injection at [3, 6]

The counter is 8881

The angle is reset to 224.85532377031427

Energy injection at [3, 6]

The counter is 8882

The angle is reset to 224.89872663921994

Energy injection at [3, 6]

The counter is 8883

The angle is reset to 224.92910864745397

Energy injection at [2, 5]

hash collision

none

DONE!

n\_ templates: 2465

n\_ experiences: 2706