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 15:50:10

over

The counter is 1

The maximum pc value is 0.224

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

The current number of the iteration is 100

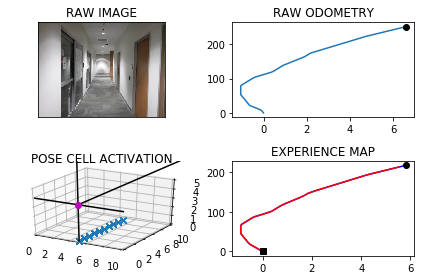
0.329000234604 seconds are elapsed per 100 frames.

The number of units of the VT is 46

The number of units of the experience map is 46

02/20/19 15:50:11

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



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The current number of the iteration is 200

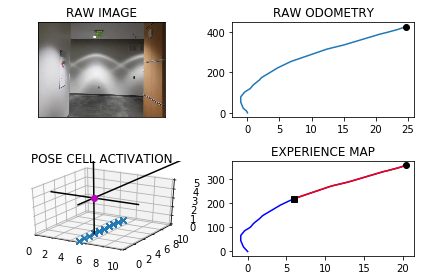
1.01299977303 seconds are elapsed per 100 frames.

The number of units of the VT is 93

The number of units of the experience map is 93

02/20/19 15:50:12

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The current number of the iteration is 300

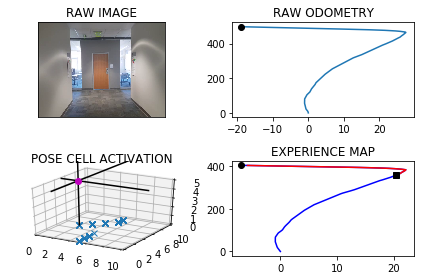
1.09899997711 seconds are elapsed per 100 frames.

The number of units of the VT is 121

The number of units of the experience map is 121

02/20/19 15:50:13

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



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

The current number of the iteration is 400

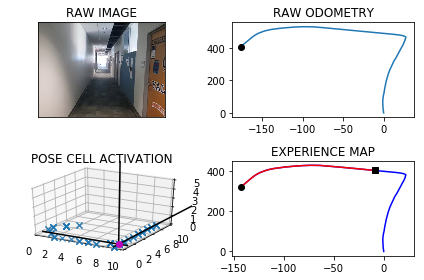
1.19799995422 seconds are elapsed per 100 frames.

The number of units of the VT is 173

The number of units of the experience map is 173

02/20/19 15:50:14

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



over

over

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

The current number of the iteration is 500

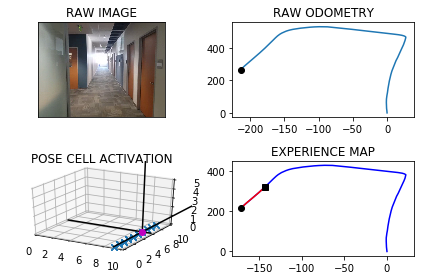
1.34299993515 seconds are elapsed per 100 frames.

The number of units of the VT is 217

The number of units of the experience map is 217

02/20/19 15:50:15

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



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

The current number of the iteration is 600

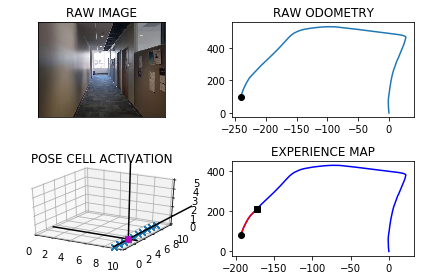
1.46099996567 seconds are elapsed per 100 frames.

The number of units of the VT is 257

The number of units of the experience map is 257

02/20/19 15:50:17

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



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

The current number of the iteration is 700

1.59400010109 seconds are elapsed per 100 frames.

The number of units of the VT is 302

The number of units of the experience map is 302

02/20/19 15:50:18

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



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

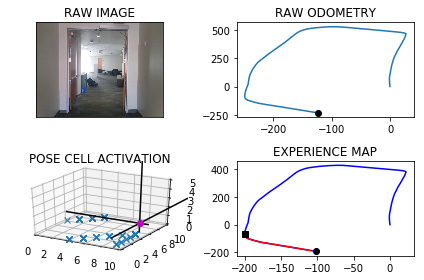
2.08699989319 seconds are elapsed per 100 frames.

The number of units of the VT is 342

The number of units of the experience map is 343

02/20/19 15:50:20

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



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The current number of the iteration is 900

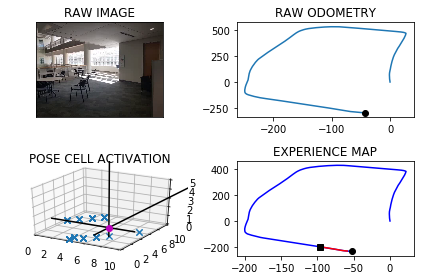
1.91399979591 seconds are elapsed per 100 frames.

The number of units of the VT is 370

The number of units of the experience map is 371

02/20/19 15:50:22

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



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

The current number of the iteration is 1000

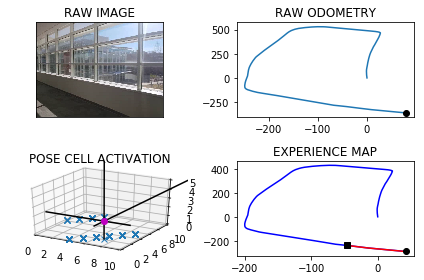
2.05399990082 seconds are elapsed per 100 frames.

The number of units of the VT is 396

The number of units of the experience map is 397

02/20/19 15:50:24

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



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

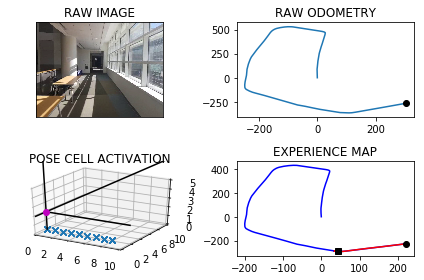
2.57000017166 seconds are elapsed per 100 frames.

The number of units of the VT is 436

The number of units of the experience map is 438

02/20/19 15:50:27

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



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

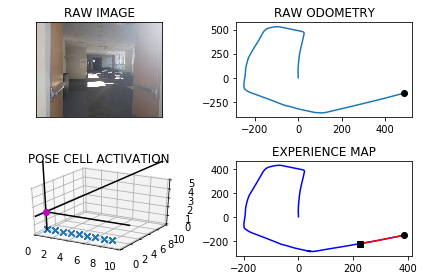
2.50900006294 seconds are elapsed per 100 frames.

The number of units of the VT is 483

The number of units of the experience map is 485

02/20/19 15:50:30

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



over

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

The current number of the iteration is 1300

2.51099991798 seconds are elapsed per 100 frames.

The number of units of the VT is 522

The number of units of the experience map is 524

02/20/19 15:50:32

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



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]

The counter is 1391

The angle is reset to 178.36652192475

Energy injection at [3, 1]

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

The current number of the iteration is 1400

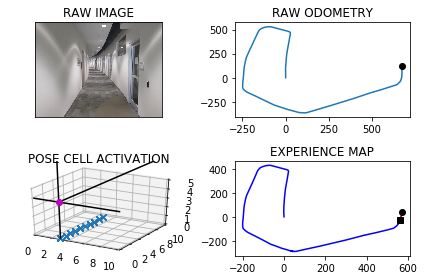
3.00699996948 seconds are elapsed per 100 frames.

The number of units of the VT is 563

The number of units of the experience map is 568

02/20/19 15:50:35

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



The counter is 1410

The angle is reset to 177.80656534732498

Energy injection at [3, 6]

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

The current number of the iteration is 1500

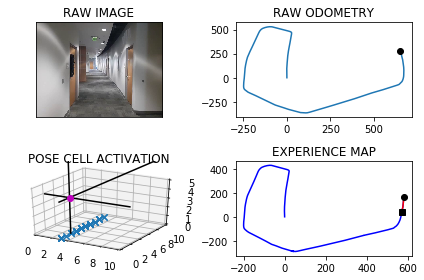
2.89800000191 seconds are elapsed per 100 frames.

The number of units of the VT is 607

The number of units of the experience map is 614

02/20/19 15:50:38

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



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

The current number of the iteration is 1600

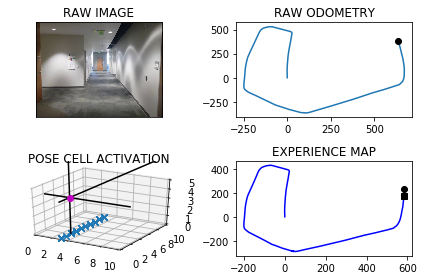
2.93200016022 seconds are elapsed per 100 frames.

The number of units of the VT is 651

The number of units of the experience map is 658

02/20/19 15:50:41

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



The counter is 1671

The angle is reset to 198.2645957431275

Energy injection at [3, 6]

The counter is 1672

The angle is reset to 206.28521702018924

Energy injection at [3, 6]

The counter is 1673

The angle is reset to 212.42465191413245

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 214.62225633989272

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 217.73557943792486

Energy injection at [3, 6]

The counter is 1683

The angle is reset to 219.9149056065474

Energy injection at [3, 6]

The counter is 1684

The angle is reset to 221.4404339245832

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 222.5083037472082

Energy injection at [3, 6]

The counter is 1686

The angle is reset to 223.25581262304576

Energy injection at [3, 6]

The counter is 1687

The angle is reset to 223.779068836132

Energy injection at [3, 6]

The counter is 1688

The angle is reset to 224.1453481852924

Energy injection at [3, 6]

The counter is 1689

The angle is reset to 224.40174372970466

Energy injection at [3, 6]

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

The current number of the iteration is 1700

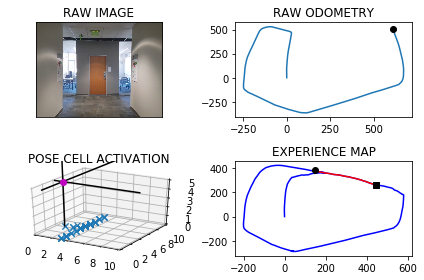
4.45499992371 seconds are elapsed per 100 frames.

The number of units of the VT is 678

The number of units of the experience map is 686

02/20/19 15:50:45

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



The counter is 1701

The angle is reset to 225.6312206107933

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 224.9168544275553

Energy injection at [1, 4]

The counter is 1703

The angle is reset to 224.9417980992887

Energy injection at [1, 4]

The counter is 1711

The angle is reset to 227.58425866950208

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 226.80898106865143

Energy injection at [0, 3]

The counter is 1713

The angle is reset to 226.26628674805602

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 225.8864007236392

Energy injection at [0, 3]

The counter is 1716

The angle is reset to 225.62048050654744

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 225.43433635458317

Energy injection at [9, 2]

The counter is 1718

The angle is reset to 225.30403544820823

Energy injection at [9, 2]

The counter is 1719

The angle is reset to 225.73782481374576

Energy injection at [9, 2]

The counter is 1720

The angle is reset to 225.516477369622

Energy injection at [9, 2]

The counter is 1721

The angle is reset to 225.8865341587354

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 225.6205739111148

Energy injection at [8, 1]

The counter is 1723

The angle is reset to 225.43440173778035

Energy injection at [8, 1]

The counter is 1724

The angle is reset to 225.30408121644624

Energy injection at [8, 1]

The counter is 1725

The angle is reset to 225.21285685151236

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 224.62399979605865

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 224.73679985724104

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 224.8157599000687

Energy injection at [8, 1]

The counter is 1729

The angle is reset to 224.87103193004808

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 224.90972235103365

Energy injection at [8, 1]

The counter is 1731

The angle is reset to 225.46180564572356

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 1732

The angle is reset to 239.34826395200648

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 7 0

loop closure

The counter is 1733

The angle is reset to 249.06878476640452

Energy injection at [7, 0]

The counter is 1734

The angle is reset to 255.87314933648318

Energy injection at [7, 0]

over

The counter is 1746

The angle is reset to 287.41120453553816

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 1769

The angle is reset to 344.3628431748767

Energy injection at [9, 6]

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

The current number of the iteration is 1800

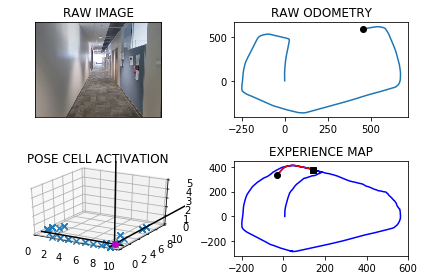
8.5569999218 seconds are elapsed per 100 frames.

The number of units of the VT is 715

The number of units of the experience map is 725

02/20/19 15:50:54

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



The counter is 1826

The angle is reset to 348.52899022241365

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 351.9702931556895

Energy injection at [9, 6]

The counter is 1828

The angle is reset to 354.3792052089827

Energy injection at [9, 6]

The counter is 1830

The angle is reset to 357.1154436462878

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 358.5058105524015

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 358.954067386681

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 359.26784717067676

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 359.4874930194737

Energy injection at [9, 0]

The counter is 1853

The angle is reset to 359.64124511363156

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 359.7488715795421

Energy injection at [9, 0]

The counter is 1855

The angle is reset to 359.8242101056794

Energy injection at [9, 0]

The counter is 1856

The angle is reset to 359.87694707397554

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 359.9138629517829

Energy injection at [9, 1]

The counter is 1858

The angle is reset to 359.939704066248

Energy injection at [9, 1]

The counter is 1859

The angle is reset to 359.95779284637354

Energy injection at [9, 1]

The counter is 1860

The angle is reset to 359.97045499246144

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 359.97931849472303

Energy injection at [9, 1]

The counter is 1862

The angle is reset to 359.98552294630616

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 359.9898660624143

Energy injection at [9, 1]

The counter is 1864

The angle is reset to 359.99290624368996

Energy injection at [9, 1]

The counter is 1865

The angle is reset to 359.9950343705829

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 359.99652405940805

Energy injection at [9, 2]

The counter is 1867

The angle is reset to 359.9975668415857

Energy injection at [9, 2]

The counter is 1868

The angle is reset to 359.99829678910993

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 359.47380775237696

Energy injection at [9, 2]

The counter is 1870

The angle is reset to 359.6316654266638

Energy injection at [9, 2]

The counter is 1871

The angle is reset to 359.7421657986647

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 359.8195160590652

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 359.8736612413456

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 359.9115628689419

Energy injection at [9, 4]

The counter is 1880

The angle is reset to 359.93809400825927

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 359.9566658057815

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 359.96966606404703

Energy injection at [9, 5]

The counter is 1884

The angle is reset to 359.9787662448329

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 359.98513637138296

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 359.9895954599681

Energy injection at [9, 6]

The counter is 1890

The angle is reset to 0.5177168219776411

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 0.36240177538434876

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 0.2536812427690441

Energy injection at [9, 6]

The counter is 1893

The angle is reset to 0.17757686993833086

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 0.12430380895683159

Energy injection at [9, 7]

The counter is 1895

The angle is reset to 0.0870126662697821

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 0.060908866388847474

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

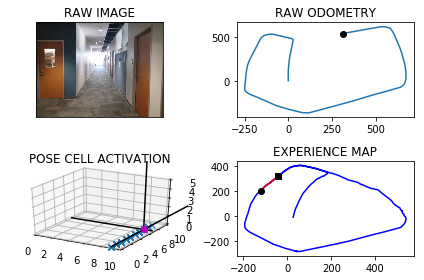
13.9900000095 seconds are elapsed per 100 frames.

The number of units of the VT is 744

The number of units of the experience map is 755

02/20/19 15:51:08

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



The counter is 1903

The angle is reset to 0.042636206472193225

Energy injection at [9, 9]

The counter is 1904

The angle is reset to 359.50484534453045

Energy injection at [9, 9]

The counter is 1905

The angle is reset to 359.65339174117133

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 359.75737421881996

Energy injection at [9, 9]

The counter is 1907

The angle is reset to 359.83016195317396

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 359.8811133672217

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 0.9667793570551999

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 1.2017455499386398

Energy injection at [9, 0]

The counter is 1912

The angle is reset to 1.3662218849570475

Energy injection at [9, 0]

The counter is 1913

The angle is reset to 0.9563553194699332

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 0.6694487236289532

Energy injection at [9, 0]

The counter is 1915

The angle is reset to 0.4686141065402673

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 0.3280298745781871

Energy injection at [9, 1]

The counter is 1917

The angle is reset to 0.22962091220473094

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 0.16073463854331163

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 0.11251424698031814

Energy injection at [9, 2]

The counter is 1920

The angle is reset to 0.0787599728862227

Energy injection at [9, 2]

The counter is 1921

The angle is reset to 0.05513198102035588

Energy injection at [9, 2]

The counter is 1922

The angle is reset to 0.03859238671424912

Energy injection at [9, 2]

The counter is 1926

The angle is reset to 0.027014670699974378

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 0.018910269489982066

Energy injection at [9, 3]

The counter is 1931

The angle is reset to 0.013237188642987443

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 2.109266032050091

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 1.4764862224350637

Energy injection at [9, 5]

The counter is 1939

The angle is reset to 1.0335403557045444

Energy injection at [9, 5]

The counter is 1940

The angle is reset to 0.723478248993181

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 0.5064347742952268

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 0.3545043420066587

Energy injection at [9, 6]

The counter is 1943

The angle is reset to 0.24815303940466105

Energy injection at [9, 6]

The counter is 1944

The angle is reset to 0.17370712758326273

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 0.1215949893082839

Energy injection at [9, 7]

The counter is 1946

The angle is reset to 0.08511649251579873

Energy injection at [9, 7]

The counter is 1947

The angle is reset to 0.059581544761059105

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 0.04170708133274137

Energy injection at [9, 7]

The counter is 1949

The angle is reset to 0.029194956932918962

Energy injection at [9, 7]

The counter is 1951

The angle is reset to 0.02043646985304327

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 0.014305528897130288

Energy injection at [9, 8]

The counter is 1953

The angle is reset to 0.010013870227991202

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 0.007009709159593841

Energy injection at [9, 9]

The counter is 1955

The angle is reset to 0.004906796411715688

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 0.0034347574882009815

Energy injection at [9, 9]

The counter is 1957

The angle is reset to 0.0024043302417406866

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 0.0016830311692184804

Energy injection at [9, 9]

The counter is 1959

The angle is reset to 0.0011781218184529361

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 0.0008246852729170553

Energy injection at [9, 9]

The counter is 1963

The angle is reset to 0.0005772796910419387

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 0.5254040957837293

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 0.36778286704861046

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 0.25744800693402725

Energy injection at [9, 2]

The counter is 1976

The angle is reset to 0.18021360485381907

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 0.12614952339767332

Energy injection at [9, 2]

The counter is 1978

The angle is reset to 0.08830466637837134

Energy injection at [9, 2]

The counter is 1979

The angle is reset to 0.06181326646485993

Energy injection at [9, 2]

The counter is 1980

The angle is reset to 0.5682692865254019

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 0.9227885005677813

Energy injection at [9, 3]

The counter is 1984

The angle is reset to 0.6459519503974469

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 0.4521663652782128

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]

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

The current number of the iteration is 2000

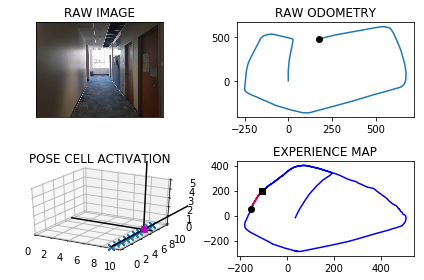
17.1240000725 seconds are elapsed per 100 frames.

The number of units of the VT is 759

The number of units of the experience map is 771

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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

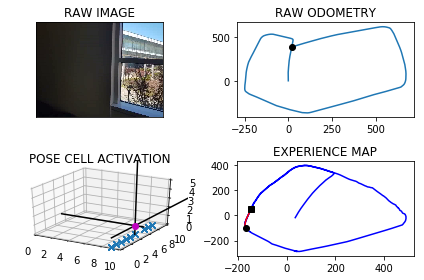
12.3580000401 seconds are elapsed per 100 frames.

The number of units of the VT is 791

The number of units of the experience map is 804

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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 9 6

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 9 6

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 1 6

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 1 8

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]

The counter is 2140

The angle is reset to 47.366767114219435

Energy injection at [2, 8]

hash collision

The counter is 2145

The angle is reset to 46.1317369799536

Energy injection at [2, 8]

hash collision

The counter is 2146

The angle is reset to 45.79221588596752

Energy injection at [2, 8]

hash collision

The counter is 2147

The angle is reset to 45.554551120177265

Energy injection at [2, 8]

hash collision

The counter is 2148

The angle is reset to 45.38818578412408

Energy injection at [2, 8]

hash collision

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

loop closure

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 5 2

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

1.4142135623730951

e\_pc 8 4

current pc 7 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

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

The current number of the iteration is 2200

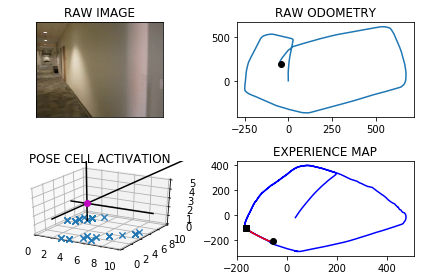
13.8049998283 seconds are elapsed per 100 frames.

The number of units of the VT is 823

The number of units of the experience map is 840

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The current number of the iteration is 2300

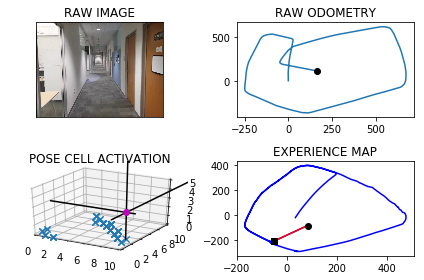
3.66300010681 seconds are elapsed per 100 frames.

The number of units of the VT is 879

The number of units of the experience map is 896

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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

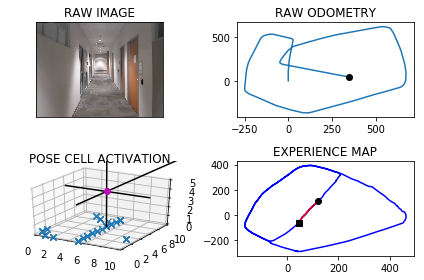
18.1689999104 seconds are elapsed per 100 frames.

The number of units of the VT is 914

The number of units of the experience map is 934

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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

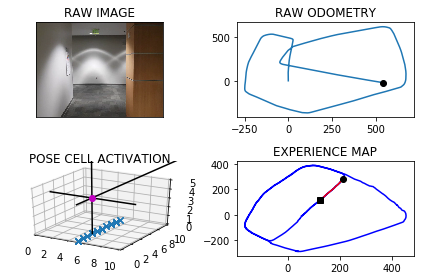
18.5829999447 seconds are elapsed per 100 frames.

The number of units of the VT is 947

The number of units of the experience map is 972

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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, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

loop closure

The counter is 2557

The angle is reset to 221.49150496939308

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 2562

The angle is reset to 236.7190534785752

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 2563

The angle is reset to 235.30333743500265

Energy injection at [5, 8]

The counter is 2569

The angle is reset to 223.9623362045019

Energy injection at [3, 4]

The counter is 2570

The angle is reset to 210.7736353431513

Energy injection at [3, 4]

The counter is 2571

The angle is reset to 201.54154474020592

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 2572

The angle is reset to 195.07908131814412

Energy injection at [3, 4]

The counter is 2576

The angle is reset to 190.5553569227009

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 2577

The angle is reset to 187.38874984589063

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 2584

The angle is reset to 198.14712489212343

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

loop closure

The counter is 2599

The angle is reset to 205.6779874244864

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

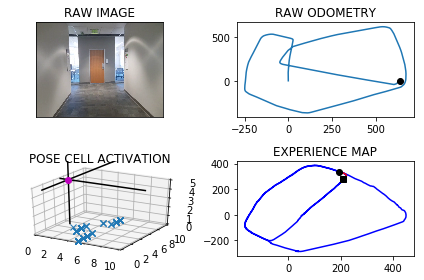
11.3289999962 seconds are elapsed per 100 frames.

The number of units of the VT is 971

The number of units of the experience map is 998

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The counter is 2604

The angle is reset to 212.52459119714047

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

loop closure

The counter is 2607

The angle is reset to 216.26721383799833

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 218.88704968659883

Energy injection at [2, 5]

counter 2608

multiple peak # >2

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

The counter is 2634

The angle is reset to 223.3459347806192

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 2635

The angle is reset to 223.84215434643346

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 2637

The angle is reset to 224.7145080425034

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 7 0

current pc 8 1

loop closure

The counter is 2640

The angle is reset to 239.35015562975238

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 7 0

loop closure

The counter is 2641

The angle is reset to 249.07010894082663

Energy injection at [7, 0]

The counter is 2642

The angle is reset to 255.87407625857864

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 2643

The angle is reset to 260.63685338100504

Energy injection at [6, 0]

The counter is 2644

The angle is reset to 263.9707973667035

Energy injection at [5, 0]

The counter is 2645

The angle is reset to 265.7795581566924

Energy injection at [5, 0]

The counter is 2651

The angle is reset to 281.7456907096846

Energy injection at [4, 0]

min\_delta\_val

1.0

e\_pc 4 0

current pc 3 0

loop closure

over

The counter is 2660

The angle is reset to 330.04698349677926

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 2661

The angle is reset to 327.63288844774536

Energy injection at [0, 2]

The counter is 2662

The angle is reset to 325.94302191342183

Energy injection at [0, 2]

The counter is 2664

The angle is reset to 326.3351153393953

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 3

current pc 0 2

loop closure

The counter is 2665

The angle is reset to 323.9845807375767

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 2666

The angle is reset to 322.33920651630376

Energy injection at [0, 3]

min\_delta\_val

6.164414002968976

e\_pc 0 3

current pc 9 4

new experience map with case 2

The counter is 2667

The angle is reset to 320.13744456141256

Energy injection at [0, 3]

The counter is 2668

The angle is reset to 332.0962111929888

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 2669

The angle is reset to 326.96734783509214

Energy injection at [0, 3]

min\_delta\_val

2.23606797749979

e\_pc 8 4

current pc 0 3

new experience map with case 2

The counter is 2670

The angle is reset to 323.37714348456444

Energy injection at [0, 3]

The counter is 2671

The angle is reset to 320.86400043919514

Energy injection at [8, 4]

counter 2671

multiple peak # >2

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

The counter is 2672

The angle is reset to 319.1048003074365

Energy injection at [8, 4]

The counter is 2673

The angle is reset to 317.87336021520554

Energy injection at [8, 4]

The counter is 2676

The angle is reset to 331.0363521506439

Energy injection at [9, 7]

The counter is 2677

The angle is reset to 340.77544650545076

Energy injection at [9, 7]

The counter is 2678

The angle is reset to 347.06781255381554

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 2679

The angle is reset to 351.47246878767083

Energy injection at [9, 7]

The counter is 2680

The angle is reset to 354.0307281513696

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 354.77150970595864

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 2695

The angle is reset to 355.290056794171

Energy injection at [9, 0]

The counter is 2698

The angle is reset to 356.17803975591966

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 2699

The angle is reset to 357.32462782914376

Energy injection at [9, 0]

The counter is 2700

The angle is reset to 358.1272394804006

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

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

The current number of the iteration is 2700

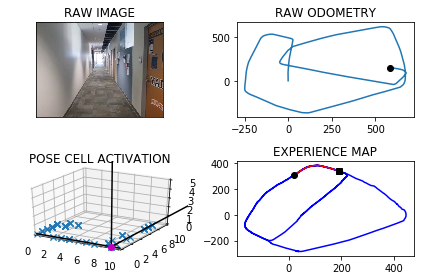
17.7709999084 seconds are elapsed per 100 frames.

The number of units of the VT is 1005

The number of units of the experience map is 1040

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The counter is 2701

The angle is reset to 358.68906763628047

Energy injection at [9, 0]

The counter is 2702

The angle is reset to 359.0823473453963

Energy injection at [9, 0]

The counter is 2703

The angle is reset to 359.35764314177743

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 2704

The angle is reset to 359.5503501992441

Energy injection at [9, 1]

The counter is 2705

The angle is reset to 359.68524513947085

Energy injection at [9, 1]

The counter is 2706

The angle is reset to 359.77967159762954

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 2707

The angle is reset to 359.32077011834065

Energy injection at [9, 1]

The counter is 2708

The angle is reset to 358.9995390828385

Energy injection at [9, 1]

The counter is 2709

The angle is reset to 359.2996773579869

Energy injection at [9, 1]

The counter is 2712

The angle is reset to 359.50977415059083

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 2713

The angle is reset to 359.65684190541356

Energy injection at [9, 2]

The counter is 2716

The angle is reset to 359.75978933378946

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 2717

The angle is reset to 359.8318525336526

Energy injection at [9, 3]

The counter is 2718

The angle is reset to 359.35729677355675

Energy injection at [9, 3]

The counter is 2719

The angle is reset to 359.55010774148974

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 2720

The angle is reset to 359.6850754190428

Energy injection at [9, 3]

The counter is 2721

The angle is reset to 359.7795527933299

Energy injection at [9, 3]

The counter is 2722

The angle is reset to 359.8456869553309

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 2723

The angle is reset to 0.41698086873166446

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 2724

The angle is reset to 0.816886608112165

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 2725

The angle is reset to 0.5718206256785155

Energy injection at [9, 4]

The counter is 2726

The angle is reset to 0.4002744379749608

Energy injection at [9, 4]

The counter is 2727

The angle is reset to 0.28019210658247257

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 2731

The angle is reset to 0.19613447460773079

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

loop closure

The counter is 2732

The angle is reset to 0.13729413222541154

Energy injection at [9, 6]

The counter is 2733

The angle is reset to 0.09610589255778808

Energy injection at [9, 6]

The counter is 2734

The angle is reset to 0.06727412479045164

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 0.5720918873533161

Energy injection at [9, 6]

The counter is 2736

The angle is reset to 0.4004643211473212

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 0.2803250248031249

Energy injection at [9, 6]

The counter is 2738

The angle is reset to 0.1962275173621874

Energy injection at [9, 6]

The counter is 2740

The angle is reset to 0.13735926215353117

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 359.57115148350744

Energy injection at [9, 6]

The counter is 2742

The angle is reset to 359.6998060384552

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 359.7898642269186

Energy injection at [9, 7]

The counter is 2745

The angle is reset to 359.852904958843

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 359.8970334711901

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 0.45292342983308864

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 0.31704640088316205

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 0.22193248061821344

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 359.63035273643277

Energy injection at [9, 8]

The counter is 2753

The angle is reset to 359.2162469155029

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 358.926372840852

Energy injection at [9, 9]

The counter is 2755

The angle is reset to 358.7234609885964

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 359.1064226920175

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 359.3744958844122

Energy injection at [9, 0]

The counter is 2761

The angle is reset to 359.5621471190885

Energy injection at [9, 0]

The counter is 2762

The angle is reset to 359.1685029833619

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 358.89295208835335

Energy injection at [9, 1]

The counter is 2764

The angle is reset to 359.2250664618473

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 359.4575465232931

Energy injection at [9, 1]

The counter is 2770

The angle is reset to 359.62028256630515

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 359.7341977964136

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 359.8139384574895

Energy injection at [9, 2]

The counter is 2774

The angle is reset to 359.8697569202426

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 359.9088298441699

Energy injection at [9, 2]

The counter is 2782

The angle is reset to 0.46118089091888237

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 1.3728266236432174

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 0.4359786365502524

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 0.3051850455851766

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

25.4070000648 seconds are elapsed per 100 frames.

The number of units of the VT is 1026

The number of units of the experience map is 1062

02/20/19 15:53:26

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



The counter is 2805

The angle is reset to 0.21362953190962988

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 0.6745406723367409

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 0.4721784706357185

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 0.33052492944500295

Energy injection at [9, 9]

The counter is 2817

The angle is reset to 0.7563674506115082

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 2818

The angle is reset to 1.0544572154280556

Energy injection at [9, 0]

The counter is 2819

The angle is reset to 1.2631200507996387

Energy injection at [9, 0]

The counter is 2820

The angle is reset to 1.409184035559747

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 4.136428824891823

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

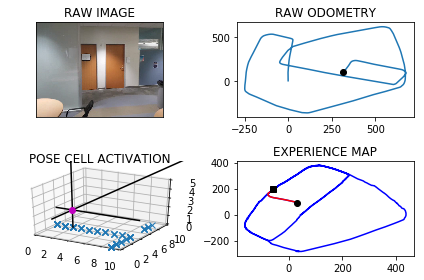
8.44799995422 seconds are elapsed per 100 frames.

The number of units of the VT is 1062

The number of units of the experience map is 1100

02/20/19 15:53:35

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



The counter is 2964

The angle is reset to 169.7705001774243

Energy injection at [5, 2]

The counter is 2966

The angle is reset to 172.839350124197

Energy injection at [5, 0]

The counter is 2967

The angle is reset to 175.5125450869379

Energy injection at [5, 0]

The counter is 2968

The angle is reset to 177.3837815608565

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 178.16864709259954

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 178.7180529648197

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 178.5776370753738

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 180.57934595276163

Energy injection at [5, 3]

The counter is 2991

The angle is reset to 179.35554216693313

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 180.07387951685317

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 180.0517156617972

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 180.03620096325804

Energy injection at [5, 9]

The counter is 2999

The angle is reset to 179.50034067428064

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 179.65023847199643

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

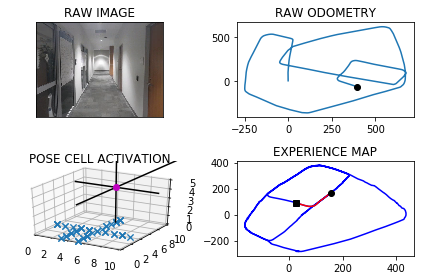
11.2520000935 seconds are elapsed per 100 frames.

The number of units of the VT is 1107

The number of units of the experience map is 1149

02/20/19 15:53:46

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



The counter is 3003

The angle is reset to 180.28016693039748

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 180.19611685127822

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 180.13728179589475

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 180.09609725712633

Energy injection at [5, 7]

The counter is 3007

The angle is reset to 180.0672680799884

Energy injection at [5, 7]

The counter is 3008

The angle is reset to 179.52208765599187

Energy injection at [5, 6]

The counter is 3009

The angle is reset to 179.14046135919432

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 179.398322951436

Energy injection at [5, 5]

The counter is 3013

The angle is reset to 179.5788260660052

Energy injection at [5, 5]

The counter is 3014

The angle is reset to 179.70517824620367

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 179.79362477234253

Energy injection at [5, 3]

The counter is 3017

The angle is reset to 179.85553734063978

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 179.37387613844783

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 179.0367132969135

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 179.32569930783944

Energy injection at [5, 2]

The counter is 3022

The angle is reset to 179.5279895154876

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 179.66959266084132

Energy injection at [5, 2]

The counter is 3024

The angle is reset to 179.7687148625889

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 179.83810040381223

Energy injection at [5, 1]

The counter is 3026

The angle is reset to 180.41167028266855

Energy injection at [5, 1]

The counter is 3027

The angle is reset to 180.28816919786797

Energy injection at [5, 1]

The counter is 3030

The angle is reset to 180.72671843850756

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 182.0837029069553

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 180.9335920348687

Energy injection at [5, 8]

The counter is 3045

The angle is reset to 180.6535144244081

Energy injection at [5, 7]

The counter is 3046

The angle is reset to 180.45746009708566

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 180.32022206795997

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 180.74915544757195

Energy injection at [5, 7]

The counter is 3050

The angle is reset to 180.52440881330037

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 180.36708616931023

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 180.25696031851714

Energy injection at [5, 5]

The counter is 3053

The angle is reset to 180.179872222962

Energy injection at [5, 5]

The counter is 3054

The angle is reset to 180.12591055607336

Energy injection at [5, 5]

The counter is 3062

The angle is reset to 181.66313738925135

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 181.6891961724759

Energy injection at [5, 5]

The counter is 3064

The angle is reset to 181.18243732073313

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 180.82770612451318

Energy injection at [5, 4]

The counter is 3066

The angle is reset to 180.5793942871592

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 180.4055760010114

Energy injection at [5, 4]

The counter is 3068

The angle is reset to 180.28390320070798

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 180.19873224049556

Energy injection at [5, 3]

The counter is 3070

The angle is reset to 180.1391125683469

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 180.09737879784282

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 180.06816515848996

Energy injection at [5, 3]

The counter is 3073

The angle is reset to 180.047715610943

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 179.50840092766006

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 179.13088064936204

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 179.39161645455343

Energy injection at [5, 2]

The counter is 3077

The angle is reset to 179.04913151818735

Energy injection at [5, 2]

The counter is 3078

The angle is reset to 179.33439206273115

Energy injection at [5, 2]

The counter is 3079

The angle is reset to 179.5340744439118

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 179.67385211073827

Energy injection at [5, 2]

The counter is 3081

The angle is reset to 179.77169647751674

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 179.8401875342617

Energy injection at [5, 2]

The counter is 3083

The angle is reset to 179.8881312739832

Energy injection at [5, 2]

The counter is 3084

The angle is reset to 180.44669189178825

Energy injection at [5, 2]

The counter is 3085

The angle is reset to 180.83768432425174

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 180.5863790269762

Energy injection at [5, 2]

The counter is 3087

The angle is reset to 180.93546531888336

Energy injection at [5, 2]

The counter is 3088

The angle is reset to 180.65482572321835

Energy injection at [5, 2]

The counter is 3089

The angle is reset to 180.45837800625281

Energy injection at [5, 2]

The counter is 3090

The angle is reset to 180.32086460437696

Energy injection at [5, 2]

The counter is 3091

The angle is reset to 179.69960522306386

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 179.7897236561447

Energy injection at [5, 1]

The counter is 3093

The angle is reset to 179.85280655930129

Energy injection at [5, 1]

The counter is 3094

The angle is reset to 179.89696459151088

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

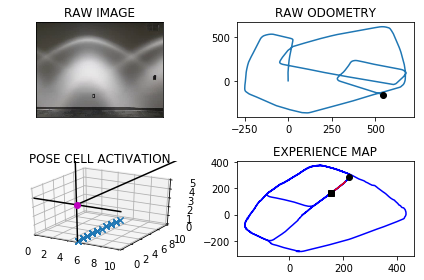
28.9279999733 seconds are elapsed per 100 frames.

The number of units of the VT is 1122

The number of units of the experience map is 1168

02/20/19 15:54:15

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



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, 0]

The counter is 3116

The angle is reset to 182.42188881907748

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 0

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 3122

The angle is reset to 214.8587897976756

Energy injection at [5, 9]

The counter is 3123

The angle is reset to 222.10115285837296

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

loop closure

The counter is 3124

The angle is reset to 227.17080700086103

Energy injection at [5, 9]

The counter is 3125

The angle is reset to 230.19456490060273

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

The counter is 3126

The angle is reset to 231.78619543042188

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 3127

The angle is reset to 232.37533680129533

Energy injection at [4, 7]

min\_delta\_val

1.4142135623730951

e\_pc 4 7

current pc 5 8

The counter is 3131

The angle is reset to 239.0877357609068

Energy injection at [5, 8]

The counter is 3132

The angle is reset to 236.96141503263476

Energy injection at [5, 8]

The counter is 3133

The angle is reset to 234.42299052284437

Energy injection at [5, 8]

The counter is 3134

The angle is reset to 232.64609336599105

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 7

current pc 5 8

loop closure

The counter is 3135

The angle is reset to 231.40226535619374

Energy injection at [5, 7]

The counter is 3136

The angle is reset to 230.00658574933556

Energy injection at [5, 8]

counter 3136

multiple peak # >2

[4L, 5L, 5L] [7L, 7L, 8L]

min\_delta\_val

1.4142135623730951

e\_pc 5 8

current pc 4 7

loop closure

The counter is 3137

The angle is reset to 215.5296100245349

Energy injection at [3, 4]

The counter is 3138

The angle is reset to 218.8957270171744

Energy injection at [5, 8]

The counter is 3139

The angle is reset to 207.7520089120221

Energy injection at [3, 4]

The counter is 3140

The angle is reset to 199.42640623841544

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 3141

The angle is reset to 193.59848436689077

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 3142

The angle is reset to 189.51893905682357

Energy injection at [3, 4]

The counter is 3143

The angle is reset to 199.63825733977646

Energy injection at [4, 7]

min\_delta\_val

3.1622776601683795

e\_pc 4 7

current pc 3 4

new experience map with case 2

counter 3146

multiple peak # >2

[3L, 3L, 4L, 4L] [2L, 3L, 6L, 7L]

The counter is 3147

The angle is reset to 193.22178013784352

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 3148

The angle is reset to 189.78024609649043

Energy injection at [3, 3]

The counter is 3149

The angle is reset to 187.3711722675433

Energy injection at [3, 3]

The counter is 3150

The angle is reset to 185.6848205872803

Energy injection at [3, 3]

The counter is 3151

The angle is reset to 197.47937441109622

Energy injection at [3, 6]

min\_delta\_val

3.0

e\_pc 3 6

current pc 3 3

new experience map with case 2

The counter is 3152

The angle is reset to 192.23556208776733

Energy injection at [3, 5]

The counter is 3153

The angle is reset to 188.03989346143715

Energy injection at [3, 5]

The counter is 3154

The angle is reset to 199.12792542300596

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

loop closure

The counter is 3155

The angle is reset to 206.88954779610415

Energy injection at [3, 6]

The counter is 3156

The angle is reset to 212.32268345727292

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 3157

The angle is reset to 216.12587842009103

Energy injection at [3, 6]

The counter is 3158

The angle is reset to 205.28811489406374

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 197.7016804258446

Energy injection at [3, 4]

The counter is 3160

The angle is reset to 192.39117629809124

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 188.67382340866385

Energy injection at [3, 3]

The counter is 3162

The angle is reset to 186.07167638606467

Energy injection at [3, 3]

The counter is 3163

The angle is reset to 184.25017347024524

Energy injection at [3, 3]

The counter is 3164

The angle is reset to 182.97512142917168

Energy injection at [3, 3]

The counter is 3165

The angle is reset to 195.58258500042015

Energy injection at [3, 6]

min\_delta\_val

4.0

e\_pc 3 6

current pc 3 2

new experience map with case 2

The counter is 3166

The angle is reset to 190.90780950029412

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 2

loop closure

The counter is 3167

The angle is reset to 201.13546665020584

Energy injection at [2, 5]

The counter is 3168

The angle is reset to 208.29482665514408

Energy injection at [2, 5]

The counter is 3169

The angle is reset to 213.30637865860086

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 1 5

current pc 2 5

loop closure

The counter is 3170

The angle is reset to 216.2894650610206

Energy injection at [2, 4]

The counter is 3171

The angle is reset to 218.37762554271438

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 4

The counter is 3172

The angle is reset to 220.3643378799001

Energy injection at [2, 5]

The counter is 3173

The angle is reset to 221.75503651593004

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

The counter is 3174

The angle is reset to 223.25352556115104

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

loop closure

The counter is 3175

The angle is reset to 224.3024678928057

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 224.511727524964

Energy injection at [2, 5]

The counter is 3177

The angle is reset to 224.65820926747477

Energy injection at [2, 5]

The counter is 3178

The angle is reset to 224.23574648723235

Energy injection at [2, 5]

The counter is 3179

The angle is reset to 224.46502254106264

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 224.62551577874382

Energy injection at [1, 4]

The counter is 3181

The angle is reset to 224.73786104512067

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 3183

The angle is reset to 224.81650273158445

Energy injection at [1, 4]

min\_delta\_val

1.4142135623730951

e\_pc 1 4

current pc 0 3

loop closure

The counter is 3184

The angle is reset to 224.8715519121091

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 224.9100863384764

Energy injection at [1, 4]

The counter is 3189

The angle is reset to 224.41206043693344

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 223.5384423058534

Energy injection at [0, 3]

The counter is 3191

The angle is reset to 223.97690961409737

Energy injection at [0, 3]

The counter is 3192

The angle is reset to 224.28383672986817

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 3193

The angle is reset to 224.4986857109077

Energy injection at [9, 2]

min\_delta\_val

2.23606797749979

e\_pc 8 1

current pc 9 3

new experience map with case 2

The counter is 3194

The angle is reset to 224.64907999763537

Energy injection at [9, 2]

The counter is 3195

The angle is reset to 224.75435599834478

Energy injection at [9, 2]

The counter is 3196

The angle is reset to 224.82804919884134

Energy injection at [0, 4]

counter 3196

multiple peak # >2

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

min\_delta\_val

1.0

e\_pc 0 4

current pc 0 3

loop closure

The counter is 3197

The angle is reset to 224.87963443918895

Energy injection at [0, 4]

The counter is 3198

The angle is reset to 224.91574410743223

Energy injection at [8, 1]

The counter is 3199

The angle is reset to 224.94102087520258

Energy injection at [0, 3]

The counter is 3200

The angle is reset to 224.95871461264178

Energy injection at [0, 3]

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

The current number of the iteration is 3200

33.7820000648 seconds are elapsed per 100 frames.

The number of units of the VT is 1128

The number of units of the experience map is 1188

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The counter is 3201

The angle is reset to 224.97110022884922

Energy injection at [0, 3]

hash collision

The counter is 3202

The angle is reset to 224.97977016019442

Energy injection at [0, 3]

hash collision

The counter is 3203

The angle is reset to 224.98583911213612

Energy injection at [8, 1]

The counter is 3204

The angle is reset to 224.99008737849528

Energy injection at [8, 1]

The counter is 3205

The angle is reset to 224.99306116494668

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 3206

The angle is reset to 224.99514281546266

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 0

loop closure

The counter is 3207

The angle is reset to 224.99659997082387

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 0

loop closure

The counter is 3208

The angle is reset to 225.5226199795767

Energy injection at [8, 1]

The counter is 3209

The angle is reset to 238.86583398570366

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 7 0

The counter is 3211

The angle is reset to 247.15608378999255

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 3212

The angle is reset to 252.95925865299475

Energy injection at [6, 0]

The counter is 3213

The angle is reset to 257.5464810570963

Energy injection at [5, 0]

The counter is 3214

The angle is reset to 260.7575367399674

Energy injection at [5, 0]

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

The current number of the iteration is 3300

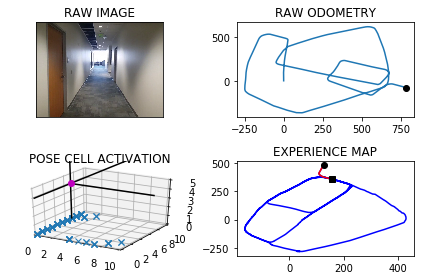
10.6559998989 seconds are elapsed per 100 frames.

The number of units of the VT is 1164

The number of units of the experience map is 1227

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The current number of the iteration is 3400

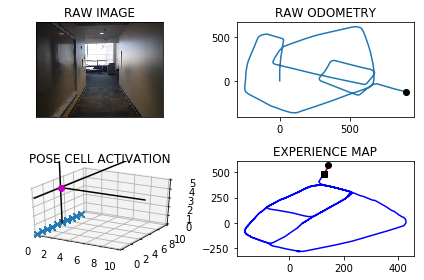
4.73300004005 seconds are elapsed per 100 frames.

The number of units of the VT is 1193

The number of units of the experience map is 1256

02/20/19 15:55:04

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



The counter is 3418

The angle is reset to 191.90527571797708

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 3419

The angle is reset to 188.3336930025839

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

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

The current number of the iteration is 3500

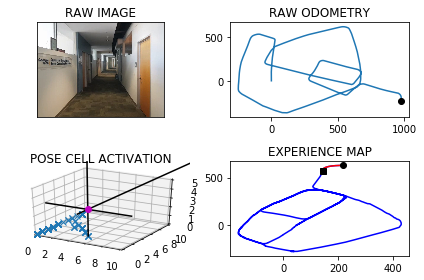
6.50699996948 seconds are elapsed per 100 frames.

The number of units of the VT is 1225

The number of units of the experience map is 1288

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The current number of the iteration is 3600

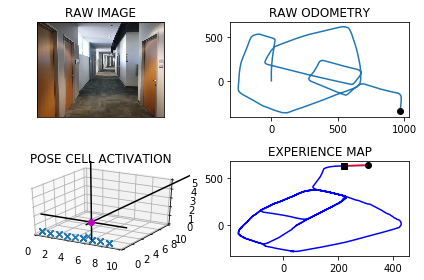
4.8900001049 seconds are elapsed per 100 frames.

The number of units of the VT is 1272

The number of units of the experience map is 1335

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The counter is 3692

The angle is reset to 102.13358510180866

Energy injection at [7, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 7 1

loop closure

The counter is 3693

The angle is reset to 98.49350957126606

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 3694

The angle is reset to 95.94545669988624

Energy injection at [8, 1]

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

The current number of the iteration is 3700

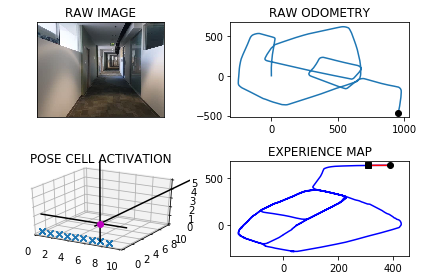
6.87700009346 seconds are elapsed per 100 frames.

The number of units of the VT is 1319

The number of units of the experience map is 1382

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The current number of the iteration is 3800

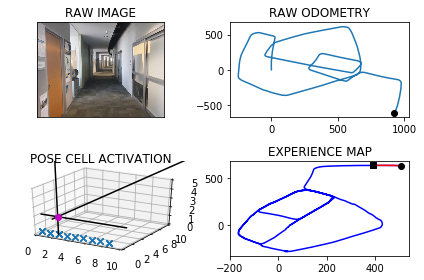
5.17600011826 seconds are elapsed per 100 frames.

The number of units of the VT is 1360

The number of units of the experience map is 1425

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The current number of the iteration is 3900

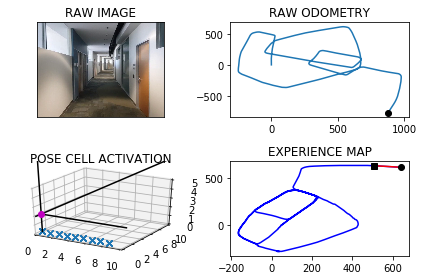
5.37400007248 seconds are elapsed per 100 frames.

The number of units of the VT is 1410

The number of units of the experience map is 1475

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



The counter is 3936

The angle is reset to 112.2368196899203

Energy injection at [3, 4]

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

The current number of the iteration is 4000

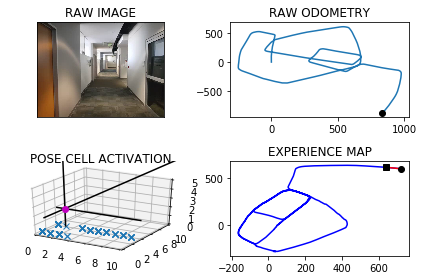
5.51399993896 seconds are elapsed per 100 frames.

The number of units of the VT is 1451

The number of units of the experience map is 1517

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The current number of the iteration is 4100

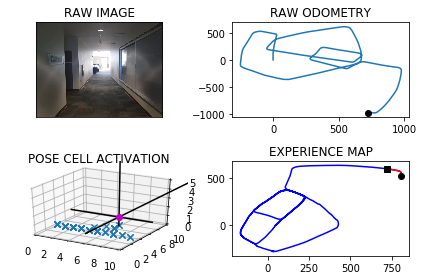
5.7009999752 seconds are elapsed per 100 frames.

The number of units of the VT is 1489

The number of units of the experience map is 1555

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The current number of the iteration is 4200

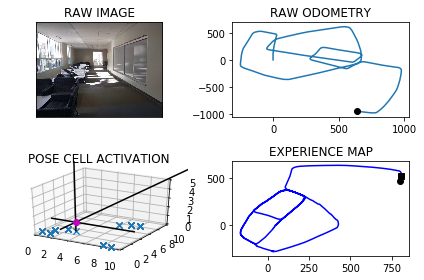
5.77799987793 seconds are elapsed per 100 frames.

The number of units of the VT is 1512

The number of units of the experience map is 1579

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



The counter is 4294

The angle is reset to 33.26577378294418

Energy injection at [5, 6]

min\_delta\_val

1.4142135623730951

e\_pc 5 6

current pc 6 7

loop closure

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

The current number of the iteration is 4300

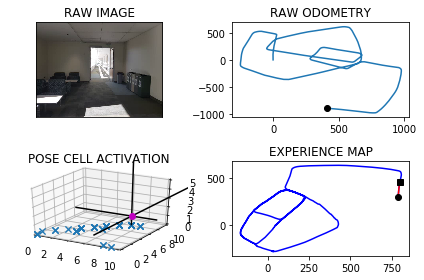
7.23399996758 seconds are elapsed per 100 frames.

The number of units of the VT is 1539

The number of units of the experience map is 1606

02/20/19 15:55:57

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



The counter is 4355

The angle is reset to 278.36104164806096

Energy injection at [3, 4]

The counter is 4363

The angle is reset to 250.95272915364265

Energy injection at [3, 4]

min\_delta\_val

1.4142135623730951

e\_pc 3 4

current pc 2 4

loop closure

The counter is 4365

The angle is reset to 230.19191040754987

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 215.65933728528492

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 205.4865360996994

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 197.8405752697896

Energy injection at [3, 3]

The counter is 4369

The angle is reset to 192.48840268885272

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 188.74188188219688

Energy injection at [3, 3]

The counter is 4371

The angle is reset to 185.59431731753781

Energy injection at [3, 3]

The counter is 4372

The angle is reset to 183.91602212227647

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 182.7412154855935

Energy injection at [3, 3]

The counter is 4374

The angle is reset to 181.91885083991545

Energy injection at [3, 3]

The counter is 4375

The angle is reset to 181.3431955879408

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 181.46523691155855

Energy injection at [3, 2]

The counter is 4377

The angle is reset to 181.02566583809102

Energy injection at [3, 2]

The counter is 4378

The angle is reset to 181.24296608666367

Energy injection at [3, 2]

The counter is 4379

The angle is reset to 180.87007626066458

Energy injection at [3, 2]

The counter is 4399

The angle is reset to 182.70905338246519

Energy injection at [3, 9]

The counter is 4400

The angle is reset to 182.4213373677256

Energy injection at [3, 9]

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

The current number of the iteration is 4400

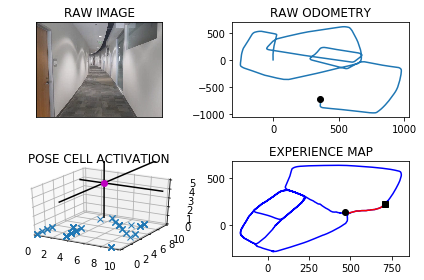
14.6570000648 seconds are elapsed per 100 frames.

The number of units of the VT is 1578

The number of units of the experience map is 1647

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The counter is 4404

The angle is reset to 182.21993615740794

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 181.55395531018553

Energy injection at [3, 9]

The counter is 4406

The angle is reset to 181.08776871712988

Energy injection at [3, 9]

The counter is 4407

The angle is reset to 180.2364381019909

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 180.16550667139362

Energy injection at [3, 8]

The counter is 4409

The angle is reset to 180.11585466997553

Energy injection at [3, 8]

The counter is 4410

The angle is reset to 180.08109826898286

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 180.056768788288

Energy injection at [3, 8]

The counter is 4412

The angle is reset to 180.0397381518016

Energy injection at [3, 8]

The counter is 4413

The angle is reset to 180.02781670626112

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 180.01947169438276

Energy injection at [3, 8]

The counter is 4415

The angle is reset to 180.01363018606793

Energy injection at [3, 8]

The counter is 4416

The angle is reset to 180.00954113024756

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 179.48167879117327

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 179.6371751538213

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 179.74602260767492

Energy injection at [3, 7]

The counter is 4424

The angle is reset to 179.82221582537244

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 179.8755510777607

Energy injection at [3, 6]

hash collision

The counter is 4432

The angle is reset to 179.91288575443247

Energy injection at [3, 6]

hash collision

The counter is 4439

The angle is reset to 182.03902002810275

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 4440

The angle is reset to 181.95231401967192

Energy injection at [3, 6]

The counter is 4441

The angle is reset to 181.3666198137703

Energy injection at [3, 1]

The counter is 4444

The angle is reset to 180.9566338696392

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

loop closure

The counter is 4445

The angle is reset to 180.66964370874743

Energy injection at [3, 1]

The counter is 4446

The angle is reset to 180.4687505961232

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4447

The angle is reset to 180.32812541728623

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4448

The angle is reset to 180.22968779210032

Energy injection at [3, 0]

The counter is 4449

The angle is reset to 180.68578145447026

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 180.48004701812917

Energy injection at [3, 0]

The counter is 4451

The angle is reset to 180.8610329126904

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 4452

The angle is reset to 180.60272303888328

Energy injection at [3, 0]

The counter is 4453

The angle is reset to 180.42190612721828

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 0

The counter is 4454

The angle is reset to 180.2953342890528

Energy injection at [3, 0]

The counter is 4455

The angle is reset to 180.20673400233693

Energy injection at [3, 0]

The counter is 4456

The angle is reset to 180.14471380163587

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

loop closure

The counter is 4459

The angle is reset to 180.6262996611451

Energy injection at [3, 6]

The counter is 4462

The angle is reset to 180.96340976280155

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 4463

The angle is reset to 180.67438683396105

Energy injection at [3, 6]

The counter is 4468

The angle is reset to 179.94707078377274

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 4469

The angle is reset to 179.96294954864092

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4470

The angle is reset to 179.9740646840486

Energy injection at [3, 5]

The counter is 4471

The angle is reset to 179.98184527883404

Energy injection at [3, 5]

The counter is 4472

The angle is reset to 180.51229169518382

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4473

The angle is reset to 180.35860418662864

Energy injection at [3, 5]

The counter is 4474

The angle is reset to 180.25102293064003

Energy injection at [3, 5]

The counter is 4475

The angle is reset to 180.17571605144803

Energy injection at [3, 5]

The counter is 4476

The angle is reset to 180.1230012360136

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

The counter is 4477

The angle is reset to 180.08610086520952

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4478

The angle is reset to 179.53527060564664

Energy injection at [3, 4]

The counter is 4479

The angle is reset to 179.14968942395262

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4480

The angle is reset to 179.40478259676684

Energy injection at [3, 4]

The counter is 4481

The angle is reset to 179.58334781773678

Energy injection at [3, 4]

The counter is 4482

The angle is reset to 179.70834347241575

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4483

The angle is reset to 180.320840430691

Energy injection at [3, 4]

The counter is 4484

The angle is reset to 180.7495883014837

Energy injection at [3, 4]

The counter is 4485

The angle is reset to 180.52471181103857

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4486

The angle is reset to 180.36729826772702

Energy injection at [3, 4]

The counter is 4487

The angle is reset to 180.25710878740892

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4488

The angle is reset to 180.1799761511862

Energy injection at [3, 3]

The counter is 4489

The angle is reset to 180.12598330583035

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4490

The angle is reset to 180.0881883140812

Energy injection at [3, 3]

The counter is 4491

The angle is reset to 180.06173181985685

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4492

The angle is reset to 180.04321227389977

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

The counter is 4493

The angle is reset to 180.03024859172984

Energy injection at [3, 3]

The counter is 4494

The angle is reset to 180.5461740142109

Energy injection at [3, 3]

The counter is 4495

The angle is reset to 180.9073218099476

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 4496

The angle is reset to 181.1601252669633

Energy injection at [3, 2]

The counter is 4497

The angle is reset to 181.3370876868743

Energy injection at [3, 2]

The counter is 4500

The angle is reset to 181.46096138081202

Energy injection at [3, 1]

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The current number of the iteration is 4500

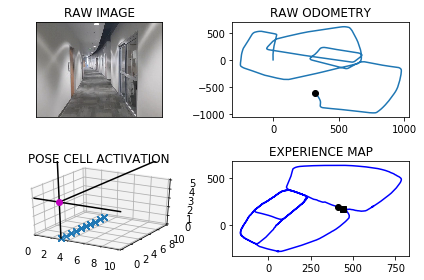
42.2149999142 seconds are elapsed per 100 frames.

The number of units of the VT is 1592

The number of units of the experience map is 1666

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The counter is 4501

The angle is reset to 181.02267296656842

Energy injection at [3, 1]

The counter is 4502

The angle is reset to 180.71587107659792

Energy injection at [3, 1]

The counter is 4503

The angle is reset to 180.50110975361852

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4504

The angle is reset to 180.35077682753294

Energy injection at [3, 0]

The counter is 4505

The angle is reset to 180.24554377927302

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4506

The angle is reset to 180.69688064549112

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

The counter is 4507

The angle is reset to 181.01281645184378

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

loop closure

The counter is 4510

The angle is reset to 181.75897151629064

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 4511

The angle is reset to 181.23128006140345

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4514

The angle is reset to 180.86189604298238

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 4519

The angle is reset to 181.12832723008768

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 4520

The angle is reset to 181.31482906106137

Energy injection at [3, 7]

The counter is 4521

The angle is reset to 181.44538034274294

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 4529

The angle is reset to 181.53676623992007

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 4530

The angle is reset to 181.075736367944

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

The counter is 4531

The angle is reset to 180.7530154575608

Energy injection at [3, 6]

The counter is 4532

The angle is reset to 180.52711082029256

Energy injection at [3, 6]

The counter is 4535

The angle is reset to 180.3689775742048

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 4536

The angle is reset to 180.25828430194332

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4537

The angle is reset to 179.65579901136033

Energy injection at [3, 5]

The counter is 4541

The angle is reset to 179.2340593079522

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 4544

The angle is reset to 179.98884151556655

Energy injection at [3, 3]

The counter is 4549

The angle is reset to 180.51718906089658

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

loop closure

The counter is 4550

The angle is reset to 180.3620323426276

Energy injection at [3, 2]

The counter is 4551

The angle is reset to 180.2534226398393

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 4552

The angle is reset to 180.1773958478875

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 4553

The angle is reset to 180.12417709352127

Energy injection at [3, 1]

The counter is 4554

The angle is reset to 181.1369239654649

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 4555

The angle is reset to 181.3208467758254

Energy injection at [3, 1]

The counter is 4559

The angle is reset to 181.44959274307777

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4560

The angle is reset to 181.01471492015443

Energy injection at [3, 0]

The counter is 4561

The angle is reset to 180.7103004441081

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4562

The angle is reset to 180.49721031087566

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 4564

The angle is reset to 180.34804721761296

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4565

The angle is reset to 180.24363305232905

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4569

The angle is reset to 180.17054313663033

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4570

The angle is reset to 180.1193801956412

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 4571

The angle is reset to 180.08356613694883

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

The counter is 4572

The angle is reset to 180.0584962958642

Energy injection at [3, 0]

The counter is 4573

The angle is reset to 179.51594740710493

Energy injection at [3, 0]

The counter is 4574

The angle is reset to 179.66116318497345

Energy injection at [3, 0]

The counter is 4575

The angle is reset to 179.76281422948142

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 4576

The angle is reset to 179.83396996063695

Energy injection at [3, 9]

The counter is 4577

The angle is reset to 180.40877897244587

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 4578

The angle is reset to 180.81114528071208

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 4579

The angle is reset to 180.56780169649844

Energy injection at [3, 9]

The counter is 4580

The angle is reset to 180.39746118754888

Energy injection at [3, 9]

The counter is 4581

The angle is reset to 180.27822283128424

Energy injection at [3, 9]

The counter is 4582

The angle is reset to 180.19475598189896

Energy injection at [3, 9]

The counter is 4583

The angle is reset to 180.13632918732924

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 4584

The angle is reset to 180.09543043113044

Energy injection at [3, 9]

The counter is 4585

The angle is reset to 180.06680130179132

Energy injection at [3, 9]

The counter is 4588

The angle is reset to 180.04676091125393

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 4589

The angle is reset to 180.03273263787773

Energy injection at [3, 8]

The counter is 4590

The angle is reset to 180.02291284651443

Energy injection at [3, 8]

The counter is 4591

The angle is reset to 180.01603899256006

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 4592

The angle is reset to 180.01122729479204

Energy injection at [3, 8]

The counter is 4593

The angle is reset to 180.0078591063544

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

The counter is 4594

The angle is reset to 180.0055013744481

Energy injection at [3, 8]

The counter is 4595

The angle is reset to 180.00385096211366

Energy injection at [3, 8]

The counter is 4596

The angle is reset to 180.00269567347954

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 4597

The angle is reset to 179.47688697143568

Energy injection at [3, 7]

The counter is 4598

The angle is reset to 179.63382088000498

Energy injection at [3, 7]

The counter is 4599

The angle is reset to 179.74367461600346

Energy injection at [3, 7]

The counter is 4600

The angle is reset to 179.82057223120242

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

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

The current number of the iteration is 4600

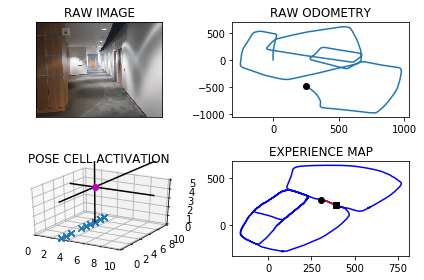
44.7760000229 seconds are elapsed per 100 frames.

The number of units of the VT is 1612

The number of units of the experience map is 1687

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The counter is 4601

The angle is reset to 179.87440056184167

Energy injection at [3, 7]

The counter is 4602

The angle is reset to 179.91208039328913

Energy injection at [3, 7]

The counter is 4606

The angle is reset to 180.4634562753024

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 4607

The angle is reset to 180.32441939271166

Energy injection at [3, 6]

The counter is 4608

The angle is reset to 180.22709357489813

Energy injection at [3, 6]

The counter is 4609

The angle is reset to 180.1589655024287

Energy injection at [3, 6]

The counter is 4610

The angle is reset to 180.11127585170007

Energy injection at [3, 6]

The counter is 4611

The angle is reset to 180.07789309619002

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

The counter is 4612

The angle is reset to 180.054525167333

Energy injection at [3, 6]

The counter is 4613

The angle is reset to 180.03816761713313

Energy injection at [3, 6]

The counter is 4614

The angle is reset to 180.55171733199316

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4622

The angle is reset to 180.3862021323952

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 4623

The angle is reset to 180.27034149267664

Energy injection at [3, 4]

The counter is 4624

The angle is reset to 180.18923904487363

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4625

The angle is reset to 180.65746733141157

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4626

The angle is reset to 180.98522713198807

Energy injection at [3, 4]

The counter is 4627

The angle is reset to 181.21465899239163

Energy injection at [3, 4]

hash collision

The counter is 4629

The angle is reset to 181.37526129467415

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 4630

The angle is reset to 181.48768290627189

Energy injection at [3, 3]

The counter is 4631

The angle is reset to 181.0413780343903

Energy injection at [3, 3]

The counter is 4632

The angle is reset to 180.7289646240732

Energy injection at [3, 3]

The counter is 4633

The angle is reset to 180.51027523685124

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4634

The angle is reset to 179.83219266579584

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4635

The angle is reset to 179.88253486605706

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 4636

The angle is reset to 179.91777440623994

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4637

The angle is reset to 179.94244208436797

Energy injection at [3, 3]

The counter is 4638

The angle is reset to 179.95970945905754

Energy injection at [3, 3]

The counter is 4639

The angle is reset to 180.49679662134028

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 4640

The angle is reset to 180.87275763493818

Energy injection at [3, 3]

The counter is 4641

The angle is reset to 180.61093034445673

Energy injection at [3, 3]

The counter is 4642

The angle is reset to 180.95265124111967

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

The counter is 4643

The angle is reset to 180.66685586878376

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 4644

The angle is reset to 180.46679910814865

Energy injection at [3, 2]

The counter is 4647

The angle is reset to 180.32675937570403

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 4648

The angle is reset to 180.2287315629928

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 4649

The angle is reset to 180.16011209409496

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 4650

The angle is reset to 180.63707846586647

Energy injection at [3, 2]

The counter is 4651

The angle is reset to 180.97095492610651

Energy injection at [3, 2]

The counter is 4652

The angle is reset to 180.67966844827455

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 4653

The angle is reset to 180.4757679137922

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 4654

The angle is reset to 180.33303753965453

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 4655

The angle is reset to 180.23312627775815

Energy injection at [3, 2]

The counter is 4656

The angle is reset to 179.6381883944307

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 4657

The angle is reset to 179.22173187610144

Energy injection at [3, 1]

The counter is 4658

The angle is reset to 179.45521231327103

Energy injection at [3, 1]

The counter is 4659

The angle is reset to 179.61864861928973

Energy injection at [3, 1]

The counter is 4660

The angle is reset to 179.73305403350278

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 4661

The angle is reset to 179.81313782345194

Energy injection at [3, 1]

The counter is 4662

The angle is reset to 179.86919647641633

Energy injection at [3, 1]

The counter is 4667

The angle is reset to 179.90843753349142

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4673

The angle is reset to 179.935906273444

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 4674

The angle is reset to 180.4801343914108

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

The counter is 4675

The angle is reset to 180.33609407398754

Energy injection at [3, 8]

The counter is 4686

The angle is reset to 181.28526585179128

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 4687

The angle is reset to 180.89968609625387

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 7

loop closure

The counter is 4690

The angle is reset to 181.15478026737773

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 4691

The angle is reset to 180.8083461871644

Energy injection at [3, 6]

The counter is 4692

The angle is reset to 180.56584233101506

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 4693

The angle is reset to 180.39608963171054

Energy injection at [3, 6]

The counter is 4694

The angle is reset to 180.27726274219737

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4695

The angle is reset to 180.19408391953814

Energy injection at [3, 5]

The counter is 4696

The angle is reset to 180.13585874367672

Energy injection at [3, 5]

The counter is 4697

The angle is reset to 180.0951011205737

Energy injection at [3, 5]

The counter is 4698

The angle is reset to 180.06657078440156

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 4699

The angle is reset to 180.04659954908112

Energy injection at [3, 5]

The counter is 4700

The angle is reset to 180.03261968435677

Energy injection at [3, 5]

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The current number of the iteration is 4700

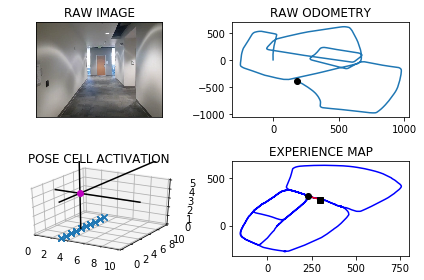
46.5789999962 seconds are elapsed per 100 frames.

The number of units of the VT is 1626

The number of units of the experience map is 1701

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The counter is 4701

The angle is reset to 180.02283377904973

Energy injection at [3, 5]

The counter is 4702

The angle is reset to 180.0159836453348

Energy injection at [3, 5]

The counter is 4703

The angle is reset to 180.01118855173436

Energy injection at [3, 5]

The counter is 4704

The angle is reset to 180.00783198621403

Energy injection at [3, 5]

The counter is 4705

The angle is reset to 193.5054823903498

Energy injection at [5, 7]

min\_delta\_val

2.8284271247461903

e\_pc 5 7

current pc 3 5

new experience map with case 2

The counter is 4706

The angle is reset to 202.95383767324486

Energy injection at [5, 7]

The counter is 4710

The angle is reset to 196.59268637127138

Energy injection at [3, 4]

The counter is 4711

The angle is reset to 191.61488045988995

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 4715

The angle is reset to 188.65541632192296

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

loop closure

The counter is 4716

The angle is reset to 186.05879142534607

Energy injection at [3, 4]

The counter is 4717

The angle is reset to 184.24115399774223

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4718

The angle is reset to 182.96880779841956

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 4719

The angle is reset to 182.0781654588937

Energy injection at [3, 4]

The counter is 4720

The angle is reset to 181.45471582122556

Energy injection at [3, 4]

The counter is 4724

The angle is reset to 181.0183010748579

Energy injection at [3, 5]

hash collision

The counter is 4725

The angle is reset to 180.71281075240051

Energy injection at [3, 5]

hash collision

The counter is 4726

The angle is reset to 180.49896752668036

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

loop closure

The counter is 4727

The angle is reset to 180.34927726867622

Energy injection at [3, 4]

The counter is 4728

The angle is reset to 180.24449408807334

Energy injection at [3, 4]

The counter is 4729

The angle is reset to 180.17114586165135

Energy injection at [3, 4]

The counter is 4730

The angle is reset to 180.11980210315593

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

The counter is 4731

The angle is reset to 180.08386147220915

Energy injection at [3, 3]

The counter is 4732

The angle is reset to 180.0587030305464

Energy injection at [3, 3]

The counter is 4733

The angle is reset to 180.04109212138246

Energy injection at [3, 3]

The counter is 4734

The angle is reset to 193.5287644849677

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

The counter is 4735

The angle is reset to 203.49513513947738

Energy injection at [3, 6]

The counter is 4736

The angle is reset to 196.44659459763415

Energy injection at [3, 3]

The counter is 4737

The angle is reset to 191.51261621834388

Energy injection at [3, 3]

The counter is 4738

The angle is reset to 201.55883135284074

Energy injection at [2, 5]

The counter is 4739

The angle is reset to 208.0661819469885

Energy injection at [2, 5]

The counter is 4740

The angle is reset to 213.14632736289192

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

loop closure

The counter is 4741

The angle is reset to 216.70242915402432

Energy injection at [2, 5]

The counter is 4742

The angle is reset to 219.19170040781702

Energy injection at [2, 5]

The counter is 4743

The angle is reset to 220.93419028547189

Energy injection at [2, 5]

min\_delta\_val

1.4142135623730951

e\_pc 2 5

current pc 1 4

The counter is 4744

The angle is reset to 222.6789331998303

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 4745

The angle is reset to 223.37525323988123

Energy injection at [2, 5]

The counter is 4747

The angle is reset to 223.86267726791684

Energy injection at [1, 4]

counter 4747

multiple peak # >2

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

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 4748

The angle is reset to 224.20387408754178

Energy injection at [1, 4]

The counter is 4749

The angle is reset to 223.91771186127926

Energy injection at [1, 4]

The counter is 4750

The angle is reset to 223.71739830289545

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 223.5771788120268

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 223.47902516841876

Energy injection at [1, 3]

min\_delta\_val

0.0

e\_pc 1 3

current pc 1 3

loop closure

The counter is 4755

The angle is reset to 223.93531761789313

Energy injection at [1, 3]

The counter is 4756

The angle is reset to 224.25472233252515

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 2

current pc 1 2

The counter is 4757

The angle is reset to 224.47830563276761

Energy injection at [1, 4]

The counter is 4758

The angle is reset to 225.15981394293732

Energy injection at [1, 4]

The counter is 4760

The angle is reset to 226.68686976005614

Energy injection at [9, 2]

The counter is 4761

The angle is reset to 226.18080883203928

Energy injection at [9, 2]

The counter is 4762

The angle is reset to 226.3515661824275

Energy injection at [9, 2]

hash collision

The counter is 4763

The angle is reset to 225.94609632769925

Energy injection at [9, 2]

hash collision

The counter is 4764

The angle is reset to 225.66226742938946

Energy injection at [9, 2]

hash collision

The counter is 4765

The angle is reset to 225.46358720057262

Energy injection at [9, 2]

hash collision

The counter is 4766

The angle is reset to 225.3245110404008

Energy injection at [9, 2]

hash collision

The counter is 4767

The angle is reset to 225.22715772828053

Energy injection at [8, 1]

hash collision

The counter is 4768

The angle is reset to 225.15901040979637

Energy injection at [8, 1]

hash collision

The counter is 4771

The angle is reset to 225.11130728685748

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 225.07791510080023

Energy injection at [0, 3]

min\_delta\_val

2.23606797749979

e\_pc 8 2

current pc 7 0

new experience map with case 2

The counter is 4773

The angle is reset to 225.05454057056014

Energy injection at [8, 1]

hash collision

The counter is 4774

The angle is reset to 225.0381783993921

Energy injection at [8, 1]

hash collision

The counter is 4775

The angle is reset to 225.02672487957446

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 224.49370741570212

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 7 0

current pc 8 0

The counter is 4777

The angle is reset to 224.6455951909915

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

The counter is 4778

The angle is reset to 224.75191663369404

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 0

current pc 8 0

loop closure

The counter is 4779

The angle is reset to 224.82634164358583

Energy injection at [7, 0]

The counter is 4780

The angle is reset to 238.90343915051002

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

The counter is 4781

The angle is reset to 248.75740740535701

Energy injection at [6, 0]

The counter is 4782

The angle is reset to 255.65518518374992

Energy injection at [5, 0]

The counter is 4783

The angle is reset to 260.48362962862495

Energy injection at [5, 0]

The counter is 4784

The angle is reset to 263.8635407400374

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 4 0

current pc 5 0

loop closure

max\_exp 4

The counter is 4785

The angle is reset to 268.8544785180262

Energy injection at [5, 0]

The counter is 4786

The angle is reset to 269.72313496261836

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

The counter is 4787

The angle is reset to 272.4311944738328

Energy injection at [4, 0]

The counter is 4788

The angle is reset to 272.22683613168294

Energy injection at [4, 0]

The counter is 4791

The angle is reset to 276.28378529217804

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 4792

The angle is reset to 277.5486497045246

Energy injection at [4, 0]

The counter is 4793

The angle is reset to 279.4840547931672

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

The counter is 4794

The angle is reset to 276.638838355217

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 4 0

The counter is 4795

The angle is reset to 278.84718684865186

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 2 0

loop closure

over

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

The current number of the iteration is 4800

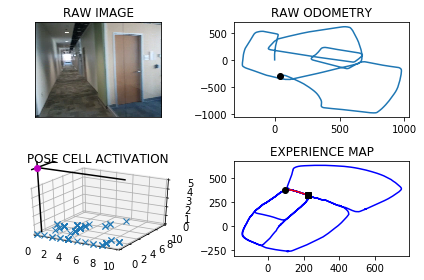
54.0329999924 seconds are elapsed per 100 frames.

The number of units of the VT is 1639

The number of units of the experience map is 1724

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The counter is 4812

The angle is reset to 323.2930307940563

Energy injection at [0, 3]

The counter is 4813

The angle is reset to 334.3051215558393

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 4814

The angle is reset to 342.01358508908754

Energy injection at [0, 3]

The counter is 4815

The angle is reset to 333.9095095623613

Energy injection at [0, 3]

The counter is 4816

The angle is reset to 327.7116566936529

Energy injection at [0, 3]

The counter is 4817

The angle is reset to 323.898159685557

Energy injection at [8, 4]

counter 4817

multiple peak # >2

[7L, 8L, 8L] [5L, 4L, 5L]

The counter is 4818

The angle is reset to 321.22871177988986

Energy injection at [8, 4]

The counter is 4819

The angle is reset to 319.36009824592287

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

loop closure

The counter is 4820

The angle is reset to 318.052068772146

Energy injection at [8, 4]

The counter is 4821

The angle is reset to 330.6364481405022

Energy injection at [9, 7]

min\_delta\_val

3.1622776601683795

e\_pc 9 8

current pc 8 4

new experience map with case 2

The counter is 4822

The angle is reset to 339.4455136983516

Energy injection at [9, 7]

The counter is 4823

The angle is reset to 345.6118595888461

Energy injection at [9, 7]

The counter is 4824

The angle is reset to 350.45330171219223

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 353.8423111985345

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 355.68961783897413

Energy injection at [9, 7]

The counter is 4827

The angle is reset to 356.98273248728185

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 4828

The angle is reset to 357.8879127410973

Energy injection at [9, 7]

The counter is 4829

The angle is reset to 357.9965389187681

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 358.0725772431377

Energy injection at [9, 7]

The counter is 4831

The angle is reset to 358.65080407019633

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 359.05556284913746

Energy injection at [9, 8]

The counter is 4833

The angle is reset to 359.33889399439613

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 4834

The angle is reset to 359.53722579607734

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 4835

The angle is reset to 359.67605805725407

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 4836

The angle is reset to 359.77324064007786

Energy injection at [9, 9]

The counter is 4837

The angle is reset to 359.84126844805445

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 4838

The angle is reset to 359.88888791363814

Energy injection at [9, 9]

The counter is 4839

The angle is reset to 359.9222215395466

Energy injection at [9, 9]

The counter is 4840

The angle is reset to 359.4205550776826

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

loop closure

The counter is 4841

The angle is reset to 359.06938855437784

Energy injection at [9, 1]

The counter is 4842

The angle is reset to 359.34857198806446

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 4843

The angle is reset to 359.54400039164517

Energy injection at [9, 0]

The counter is 4844

The angle is reset to 359.68080027415164

Energy injection at [9, 0]

The counter is 4845

The angle is reset to 359.77656019190607

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

The counter is 4846

The angle is reset to 359.84359213433424

Energy injection at [9, 0]

The counter is 4847

The angle is reset to 359.89051449403394

Energy injection at [9, 0]

The counter is 4848

The angle is reset to 359.9233601458237

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 4849

The angle is reset to 359.94635210207656

Energy injection at [9, 1]

The counter is 4850

The angle is reset to 359.96244647145363

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4851

The angle is reset to 359.97371253001756

Energy injection at [9, 1]

The counter is 4852

The angle is reset to 359.9815987710123

Energy injection at [9, 1]

The counter is 4853

The angle is reset to 359.98711913970857

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 4854

The angle is reset to 359.465983397796

Energy injection at [9, 2]

The counter is 4855

The angle is reset to 359.62618837845713

Energy injection at [9, 2]

The counter is 4856

The angle is reset to 359.73833186492

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 4857

The angle is reset to 359.816832305444

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 4858

The angle is reset to 359.87178261381075

Energy injection at [9, 2]

The counter is 4859

The angle is reset to 359.9102478296676

Energy injection at [9, 2]

The counter is 4860

The angle is reset to 359.9371734807672

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 4861

The angle is reset to 359.95602143653707

Energy injection at [9, 3]

The counter is 4862

The angle is reset to 359.9692150055759

Energy injection at [9, 3]

The counter is 4863

The angle is reset to 359.9784505039031

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 4

The counter is 4864

The angle is reset to 359.4599153527322

Energy injection at [9, 3]

The counter is 4865

The angle is reset to 359.0969407469125

Energy injection at [9, 3]

The counter is 4866

The angle is reset to 359.36785852283873

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 4867

The angle is reset to 359.55750096598706

Energy injection at [9, 4]

The counter is 4868

The angle is reset to 359.690250676191

Energy injection at [9, 4]

The counter is 4869

The angle is reset to 359.78317547333364

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 4872

The angle is reset to 0.898222831333545

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 4873

The angle is reset to 0.6287559819334814

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 4877

The angle is reset to 0.44012918735343703

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 0.30809043114740586

Energy injection at [9, 6]

The counter is 4879

The angle is reset to 0.21566330180318413

Energy injection at [9, 6]

The counter is 4880

The angle is reset to 0.15096431126222887

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 0.10567501788356021

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 0.07397251251849213

Energy injection at [9, 7]

The counter is 4883

The angle is reset to 0.051780758762944495

Energy injection at [9, 7]

The counter is 4884

The angle is reset to 0.03624653113406114

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 0.0253725717938428

Energy injection at [9, 6]

The counter is 4886

The angle is reset to 0.01776080025568996

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 0.012432560178982971

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 0.008702792125288078

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 0.006091954487701654

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 0.0042643681413911585

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 0.0029850576989738104

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 0.002089540389281667

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 0.001462678272497167

Energy injection at [9, 8]

The counter is 4895

The angle is reset to 0.001023874790748017

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 0.0007167123535236117

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 0.0005016986474665282

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 0.00035118905322656976

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 0.0002458323372585988

Energy injection at [9, 9]

The counter is 4900

The angle is reset to 0.00017208263608101915

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

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

The current number of the iteration is 4900

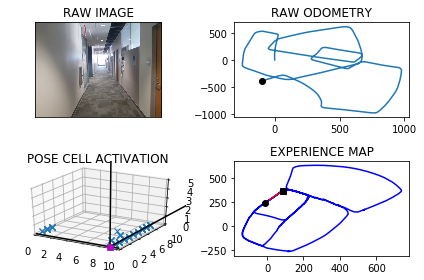
64.9230000973 seconds are elapsed per 100 frames.

The number of units of the VT is 1648

The number of units of the experience map is 1740

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The counter is 4901

The angle is reset to 0.00012045784525671338

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 8.432049167969936e-05

Energy injection at [9, 0]

The counter is 4903

The angle is reset to 5.902434417578954e-05

Energy injection at [9, 0]

The counter is 4904

The angle is reset to 4.131704092305268e-05

Energy injection at [9, 0]

The counter is 4905

The angle is reset to 2.8921928646136876e-05

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 2.0245350052295808e-05

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 1.4171745036607068e-05

Energy injection at [9, 1]

The counter is 4908

The angle is reset to 9.920221525624948e-06

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 6.944155067937463e-06

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 359.47500486090854

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 359.107503402636

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 359.3752523818452

Energy injection at [9, 1]

The counter is 4913

The angle is reset to 359.5626766672916

Energy injection at [9, 1]

The counter is 4914

The angle is reset to 359.6938736671041

Energy injection at [9, 1]

The counter is 4915

The angle is reset to 0.31071156697286123

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 0.21749809688100286

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 0.6772486678167019

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 0.47407406747169123

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 0.33185184723018385

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 0.2322962930611287

Energy injection at [9, 5]

The counter is 4931

The angle is reset to 0.16260740514279007

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 0.11382518359995303

Energy injection at [9, 5]

The counter is 4933

The angle is reset to 0.07967762851996711

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 359.53077433996395

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 359.6715420379747

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 359.77007942658224

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 359.8390555986076

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 359.8873389190253

Energy injection at [9, 6]

The counter is 4939

The angle is reset to 359.92113724331773

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 359.94479607032235

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 0.486357249225687

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 0.34045007445798087

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 0.2383150521205866

Energy injection at [9, 7]

The counter is 4945

The angle is reset to 0.16682053648441061

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 359.59177437553905

Energy injection at [9, 7]

The counter is 4948

The angle is reset to 359.1892420628773

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 359.43246944401415

Energy injection at [9, 7]

The counter is 4950

The angle is reset to 359.60272861080983

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 0.246910027566916

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 0.1728370192968412

Energy injection at [9, 7]

The counter is 4953

The angle is reset to 0.12098591350778884

Energy injection at [9, 9]

hash collision

The counter is 4954

The angle is reset to 0.08469013945545217

Energy injection at [9, 9]

The counter is 4955

The angle is reset to 0.05928309761881652

Energy injection at [9, 9]

The counter is 4956

The angle is reset to 0.04149816833317156

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 359.50404871783326

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 359.65283410248327

Energy injection at [9, 9]

The counter is 4960

The angle is reset to 359.75698387173827

Energy injection at [9, 9]

The counter is 4961

The angle is reset to 359.8298887102168

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 359.8809220971517

Energy injection at [9, 0]

The counter is 4963

The angle is reset to 359.9166454680062

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 359.94165182760435

Energy injection at [9, 0]

The counter is 4965

The angle is reset to 0.48415627932304106

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 0.3389093955261287

Energy injection at [9, 1]

The counter is 4967

The angle is reset to 0.2372365768682901

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 0.16606560380780305

Energy injection at [9, 1]

The counter is 4969

The angle is reset to 0.11624592266546213

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 0.08137214586582349

Energy injection at [9, 2]

The counter is 4971

The angle is reset to 0.05696050210607644

Energy injection at [9, 2]

The counter is 4972

The angle is reset to 0.03987235147425351

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 0.027910646031977456

Energy injection at [9, 2]

The counter is 4974

The angle is reset to 0.01953745222238422

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 0.013676216555668952

Energy injection at [9, 3]

The counter is 4976

The angle is reset to 0.5345733515889682

Energy injection at [9, 3]

The counter is 4977

The angle is reset to 0.3742013461122777

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 0.2619409422785944

Energy injection at [9, 3]

The counter is 4979

The angle is reset to 0.18335865959501607

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 0.12835106171651123

Energy injection at [9, 4]

The counter is 4981

The angle is reset to 359.56484574320154

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 359.6953920202411

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

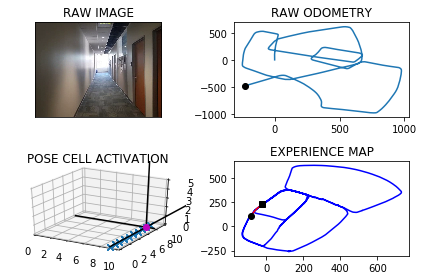
70.3759999275 seconds are elapsed per 100 frames.

The number of units of the VT is 1660

The number of units of the experience map is 1753

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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

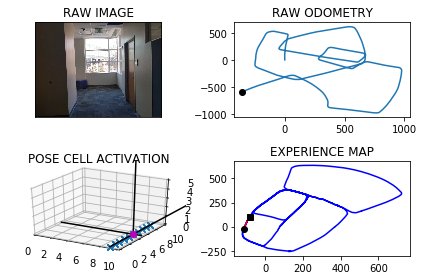
62.0390000343 seconds are elapsed per 100 frames.

The number of units of the VT is 1667

The number of units of the experience map is 1761

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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 5142

The angle is reset to 2.7419000068174073

Energy injection at [9, 4]

The counter is 5143

The angle is reset to 3.4943300047721846

Energy injection at [9, 2]

The counter is 5146

The angle is reset to 25.39603100334053

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

loop closure

The counter is 5147

The angle is reset to 36.00222170233837

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 5148

The angle is reset to 43.42655519163686

Energy injection at [9, 5]

The counter is 5149

The angle is reset to 43.8985886341458

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 44.22901204390205

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 0 5

The counter is 5151

The angle is reset to 38.16030843073144

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 0 5

The counter is 5152

The angle is reset to 40.21221590151201

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 47.4235511310584

Energy injection at [9, 5]

The counter is 5168

The angle is reset to 47.74648579174089

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 45.87254005421862

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 5182

The angle is reset to 46.13577803795303

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 45.79504462656712

Energy injection at [2, 8]

The counter is 5185

The angle is reset to 45.03153123859698

Energy injection at [2, 8]

min\_delta\_val

1.4142135623730951

e\_pc 2 8

current pc 3 9

loop closure

The counter is 5186

The angle is reset to 45.022071867017885

Energy injection at [2, 8]

min\_delta\_val

1.4142135623730951

e\_pc 2 8

current pc 3 9

The counter is 5187

The angle is reset to 45.01545030691252

Energy injection at [2, 8]

The counter is 5188

The angle is reset to 45.010815214838765

Energy injection at [2, 8]

hash collision

The counter is 5189

The angle is reset to 45.00757065038714

Energy injection at [2, 8]

hash collision

The counter is 5190

The angle is reset to 45.00529945527099

Energy injection at [2, 8]

hash collision

The counter is 5191

The angle is reset to 45.00370961868969

Energy injection at [2, 8]

hash collision

The counter is 5192

The angle is reset to 45.00259673308278

Energy injection at [2, 8]

hash collision

The counter is 5193

The angle is reset to 45.00181771315795

Energy injection at [2, 8]

hash collision

The counter is 5194

The angle is reset to 45.00127239921056

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 8

loop closure

The counter is 5195

The angle is reset to 44.475890679447396

Energy injection at [3, 9]

The counter is 5196

The angle is reset to 44.633123475613175

Energy injection at [3, 9]

The counter is 5197

The angle is reset to 44.74318643292922

Energy injection at [3, 9]

The counter is 5198

The angle is reset to 44.820230503050446

Energy injection at [2, 8]

hash collision

The counter is 5199

The angle is reset to 44.87416135213531

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

The counter is 5200

The angle is reset to 45.436912946494715

Energy injection at [4, 0]

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The current number of the iteration is 5200

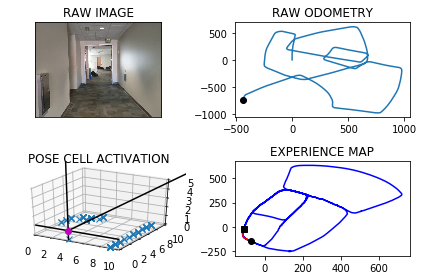
53.236000061 seconds are elapsed per 100 frames.

The number of units of the VT is 1691

The number of units of the experience map is 1787

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The counter is 5201

The angle is reset to 45.3058390625463

Energy injection at [4, 0]

The counter is 5202

The angle is reset to 45.2140873437824

Energy injection at [4, 0]

The counter is 5203

The angle is reset to 45.14986114064768

Energy injection at [4, 0]

The counter is 5204

The angle is reset to 45.104902798453374

Energy injection at [4, 0]

The counter is 5205

The angle is reset to 45.073431958917354

Energy injection at [4, 0]

The counter is 5208

The angle is reset to 44.52640237124215

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 44.66848165986951

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 44.76793716190865

Energy injection at [5, 1]

The counter is 5211

The angle is reset to 44.83755601333605

Energy injection at [5, 1]

The counter is 5212

The angle is reset to 44.88628920933523

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 44.92040244653466

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 2

current pc 5 1

loop closure

The counter is 5214

The angle is reset to 44.94428171257426

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 44.960997198801984

Energy injection at [5, 1]

The counter is 5216

The angle is reset to 44.972698039161386

Energy injection at [5, 2]

min\_delta\_val

1.4142135623730951

e\_pc 5 2

current pc 6 1

The counter is 5217

The angle is reset to 44.98088862741297

Energy injection at [6, 2]

hash collision

The counter is 5218

The angle is reset to 44.98662203918907

Energy injection at [6, 2]

hash collision

The counter is 5219

The angle is reset to 44.99063542743235

Energy injection at [6, 2]

min\_delta\_val

1.4142135623730951

e\_pc 7 3

current pc 6 2

loop closure

The counter is 5220

The angle is reset to 44.993444799202635

Energy injection at [6, 2]

The counter is 5226

The angle is reset to 46.04541135944185

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 45.73178795160929

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 45.512251566126494

Energy injection at [8, 4]

The counter is 5229

The angle is reset to 45.358576096288544

Energy injection at [8, 4]

The counter is 5230

The angle is reset to 45.25100326740198

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 0 5

The counter is 5233

The angle is reset to 45.17570228718138

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 45.12299160102696

Energy injection at [9, 6]

The counter is 5238

The angle is reset to 45.08609412071887

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 42.43526588450322

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 43.20468611915225

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 43.74328028340657

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 44.6452961983846

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 44.75170733886922

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 44.82619513720846

Energy injection at [2, 8]

The counter is 5267

The angle is reset to 44.87833659604591

Energy injection at [2, 8]

The counter is 5268

The angle is reset to 44.914835617232136

Energy injection at [2, 8]

The counter is 5269

The angle is reset to 44.94038493206249

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 44.958269452443744

Energy injection at [2, 8]

The counter is 5273

The angle is reset to 44.97078861671062

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 44.97955203169743

Energy injection at [3, 9]

The counter is 5275

The angle is reset to 44.9856864221882

Energy injection at [3, 9]

The counter is 5276

The angle is reset to 44.46498049553174

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 43.57548634687221

Energy injection at [3, 9]

The counter is 5278

The angle is reset to 44.002840442810545

Energy injection at [3, 9]

The counter is 5279

The angle is reset to 43.776988309967386

Energy injection at [3, 9]

The counter is 5280

The angle is reset to 44.143891816977174

Energy injection at [3, 9]

The counter is 5281

The angle is reset to 43.87572427188402

Energy injection at [3, 9]

The counter is 5282

The angle is reset to 44.21300699031881

Energy injection at [3, 9]

The counter is 5283

The angle is reset to 44.449104893223165

Energy injection at [3, 9]

The counter is 5284

The angle is reset to 44.61437342525621

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 44.73006139767935

Energy injection at [4, 0]

The counter is 5286

The angle is reset to 44.811042978375546

Energy injection at [4, 0]

The counter is 5287

The angle is reset to 44.34273008486288

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 44.014911059404014

Energy injection at [4, 0]

The counter is 5289

The angle is reset to 43.785437741582804

Energy injection at [4, 0]

The counter is 5290

The angle is reset to 43.62480641910797

Energy injection at [4, 0]

The counter is 5291

The angle is reset to 44.03736449337557

Energy injection at [4, 0]

The counter is 5292

The angle is reset to 44.3261551453629

Energy injection at [4, 0]

The counter is 5293

The angle is reset to 44.52830860175403

Energy injection at [4, 0]

The counter is 5294

The angle is reset to 45.194816021227815

Energy injection at [4, 0]

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The current number of the iteration is 5300

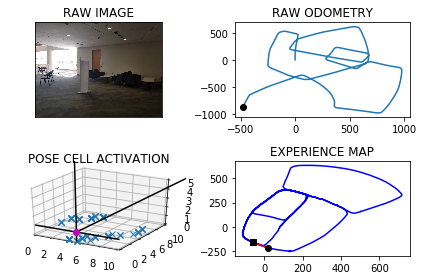
37.2400000095 seconds are elapsed per 100 frames.

The number of units of the VT is 1710

The number of units of the experience map is 1806

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The counter is 5303

The angle is reset to 48.81137121485947

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

The counter is 5304

The angle is reset to 49.242959850401625

Energy injection at [4, 0]

min\_delta\_val

1.0

e\_pc 4 0

current pc 4 1

loop closure

The counter is 5307

The angle is reset to 54.270071895281134

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 5308

The angle is reset to 52.53905032669679

Energy injection at [4, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 4 1

loop closure

The counter is 5310

The angle is reset to 51.85233522868775

Energy injection at [4, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 4 1

loop closure

The counter is 5311

The angle is reset to 49.79663466008142

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

The counter is 5312

The angle is reset to 48.35764426205699

Energy injection at [4, 1]

The counter is 5316

The angle is reset to 47.35035098343989

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 5317

The angle is reset to 46.645245688407925

Energy injection at [5, 1]

The counter is 5318

The angle is reset to 46.151671981885535

Energy injection at [5, 1]

The counter is 5319

The angle is reset to 45.80617038731987

Energy injection at [5, 1]

The counter is 5320

The angle is reset to 46.08931927112391

Energy injection at [5, 1]

The counter is 5321

The angle is reset to 46.287523489786736

Energy injection at [5, 1]

The counter is 5322

The angle is reset to 46.42626644285071

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 1

The counter is 5323

The angle is reset to 45.99838650999549

Energy injection at [6, 2]

The counter is 5324

The angle is reset to 45.173870556996846

Energy injection at [6, 2]

The counter is 5325

The angle is reset to 44.59670938989778

Energy injection at [6, 2]

The counter is 5326

The angle is reset to 44.192696572928455

Energy injection at [6, 2]

The counter is 5327

The angle is reset to 43.90988760104992

Energy injection at [6, 2]

The counter is 5328

The angle is reset to 44.23692132073494

Energy injection at [6, 2]

The counter is 5329

The angle is reset to 44.46584492451446

Energy injection at [6, 2]

The counter is 5330

The angle is reset to 44.626091447160114

Energy injection at [6, 2]

The counter is 5331

The angle is reset to 45.263264013012076

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 45.18428480910845

Energy injection at [7, 3]

The counter is 5333

The angle is reset to 45.128999366375915

Energy injection at [7, 3]

The counter is 5334

The angle is reset to 45.09029955646314

Energy injection at [7, 3]

The counter is 5335

The angle is reset to 45.06320968952419

Energy injection at [7, 3]

The counter is 5336

The angle is reset to 45.04424678266694

Energy injection at [7, 3]

The counter is 5337

The angle is reset to 45.03097274786685

Energy injection at [7, 3]

The counter is 5338

The angle is reset to 44.496680923506794

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 44.12267664645476

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 44.38587365251833

Energy injection at [7, 3]

The counter is 5341

The angle is reset to 44.57011155676283

Energy injection at [7, 3]

The counter is 5342

The angle is reset to 44.69907808973398

Energy injection at [7, 3]

min\_delta\_val

1.4142135623730951

e\_pc 7 3

current pc 8 4

The counter is 5359

The angle is reset to 44.26435466281379

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 44.48504826396964

Energy injection at [9, 5]

The counter is 5364

The angle is reset to 44.63953378477874

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 0 6

current pc 0 5

loop closure

The counter is 5365

The angle is reset to 44.747673649345124

Energy injection at [9, 5]

The counter is 5366

The angle is reset to 45.348371554541586

Energy injection at [9, 5]

The counter is 5367

The angle is reset to 45.7688600881791

Energy injection at [9, 5]

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The current number of the iteration is 5400

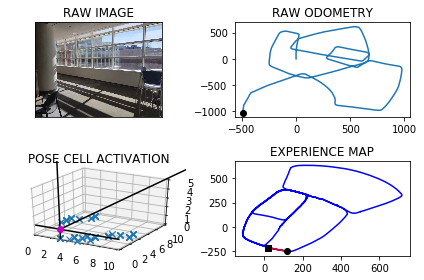
24.7679998875 seconds are elapsed per 100 frames.

The number of units of the VT is 1731

The number of units of the experience map is 1827

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The counter is 5403

The angle is reset to 43.43820206172538

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 43.906741443207764

Energy injection at [4, 0]

The counter is 5405

The angle is reset to 44.23471901024543

Energy injection at [4, 0]

The counter is 5408

The angle is reset to 44.4643033071718

Energy injection at [4, 0]

min\_delta\_val

1.0

e\_pc 4 0

current pc 4 1

loop closure

The counter is 5409

The angle is reset to 44.62501231502026

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 4 1

The counter is 5410

The angle is reset to 44.737508620514184

Energy injection at [5, 1]

The counter is 5411

The angle is reset to 44.816256034359924

Energy injection at [5, 1]

The counter is 5412

The angle is reset to 44.87137922405194

Energy injection at [5, 1]

The counter is 5413

The angle is reset to 44.90996545683636

Energy injection at [5, 1]

The counter is 5414

The angle is reset to 45.46197581978545

Energy injection at [5, 1]

The counter is 5418

The angle is reset to 46.37338307384981

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5419

The angle is reset to 45.961368151694856

Energy injection at [6, 2]

The counter is 5420

The angle is reset to 45.1479577061864

Energy injection at [6, 2]

The counter is 5427

The angle is reset to 44.57857039433048

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 44.70499927603134

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 44.79349949322194

Energy injection at [6, 2]

The counter is 5430

The angle is reset to 58.35544964525535

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 67.84881475167874

Energy injection at [7, 2]

The counter is 5432

The angle is reset to 73.96917032617513

Energy injection at [7, 2]

The counter is 5434

The angle is reset to 80.35341922832258

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 89.0223934598258

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 94.04067542187808

Energy injection at [6, 2]

The counter is 5447

The angle is reset to 97.02847279531464

Energy injection at [8, 2]

The counter is 5457

The angle is reset to 112.24493095672025

Energy injection at [1, 2]

The counter is 5458

The angle is reset to 105.57145166970417

Energy injection at [1, 2]

The counter is 5459

The angle is reset to 100.90001616879292

Energy injection at [1, 2]

The counter is 5463

The angle is reset to 97.63001131815504

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 95.86600792270852

Energy injection at [2, 2]

The counter is 5465

The angle is reset to 94.10620554589596

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 92.87434388212716

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 92.01204071748901

Energy injection at [3, 2]

The counter is 5468

The angle is reset to 91.4084285022423

Energy injection at [3, 2]

The counter is 5471

The angle is reset to 90.4608999515696

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 90.84762996609872

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 5480

The angle is reset to 90.59334097626909

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 6 2

loop closure

The counter is 5481

The angle is reset to 90.41533868338837

Energy injection at [6, 2]

The counter is 5482

The angle is reset to 89.76573707837184

Energy injection at [6, 2]

The counter is 5483

The angle is reset to 89.31101595486028

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 89.51771116840219

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 89.66239781788154

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 89.76367847251706

Energy injection at [7, 2]

The counter is 5487

The angle is reset to 89.83457493076195

Energy injection at [7, 2]

The counter is 5488

The angle is reset to 89.88420245153335

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 89.91894171607333

Energy injection at [7, 2]

The counter is 5490

The angle is reset to 89.94325920125132

Energy injection at [0, 2]

The counter is 5491

The angle is reset to 89.96028144087593

Energy injection at [0, 2]

The counter is 5492

The angle is reset to 89.97219700861315

Energy injection at [0, 2]

The counter is 5493

The angle is reset to 89.9805379060292

Energy injection at [0, 2]

The counter is 5494

The angle is reset to 89.46137653422043

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 89.6229635739543

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 89.736074501768

Energy injection at [0, 2]

The counter is 5499

The angle is reset to 89.8152521512376

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

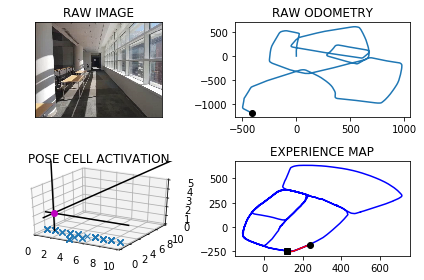
36.4610002041 seconds are elapsed per 100 frames.

The number of units of the VT is 1752

The number of units of the experience map is 1853

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The counter is 5505

The angle is reset to 89.34567650586631

Energy injection at [2, 2]

The counter is 5506

The angle is reset to 89.01697355410641

Energy injection at [2, 2]

The counter is 5507

The angle is reset to 89.31188148787447

Energy injection at [2, 2]

The counter is 5510

The angle is reset to 89.51831704151213

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 90.18782192905849

Energy injection at [3, 2]

The counter is 5512

The angle is reset to 90.13147535034093

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 90.09203274523867

Energy injection at [5, 2]

The counter is 5514

The angle is reset to 90.06442292166705

Energy injection at [5, 2]

The counter is 5515

The angle is reset to 90.04509604516693

Energy injection at [5, 2]

The counter is 5516

The angle is reset to 90.03156723161686

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 88.97209706213178

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 89.28046794349224

Energy injection at [6, 2]

The counter is 5523

The angle is reset to 89.49632756044456

Energy injection at [6, 2]

The counter is 5524

The angle is reset to 90.1724292923112

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 90.12070050461783

Energy injection at [8, 2]

The counter is 5526

The angle is reset to 90.08449035323248

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 90.58414324726273

Energy injection at [8, 2]

The counter is 5528

The angle is reset to 90.4089002730839

Energy injection at [8, 2]

The counter is 5529

The angle is reset to 89.76123019115872

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 89.8328611338111

Energy injection at [0, 2]

The counter is 5531

The angle is reset to 89.88300279366776

Energy injection at [0, 2]

The counter is 5532

The angle is reset to 89.91810195556742

Energy injection at [0, 2]

The counter is 5533

The angle is reset to 90.4676713688972

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 91.37736995822803

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 90.96415897075961

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 90.67491127953173

Energy injection at [0, 2]

The counter is 5539

The angle is reset to 89.9474378956722

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 88.91320652697054

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 89.23924456887936

Energy injection at [1, 2]

The counter is 5545

The angle is reset to 90.51747119821555

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 90.8872298387509

Energy injection at [2, 2]

The counter is 5551

The angle is reset to 91.14606088712561

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 90.27724262098792

Energy injection at [3, 2]

The counter is 5556

The angle is reset to 90.19406983469156

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 90.13584888428409

Energy injection at [4, 2]

The counter is 5560

The angle is reset to 91.67009421899887

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 91.16906595329921

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 90.81834616730944

Energy injection at [5, 2]

The counter is 5564

The angle is reset to 90.04784231711659

Energy injection at [5, 2]

The counter is 5566

The angle is reset to 90.03348962198162

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 90.02344273538712

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 90.01640991477099

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 90.53648694033969

Energy injection at [7, 2]

The counter is 5570

The angle is reset to 90.37554085823777

Energy injection at [7, 2]

The counter is 5571

The angle is reset to 90.78787860076643

Energy injection at [7, 2]

The counter is 5572

The angle is reset to 90.5515150205365

Energy injection at [7, 2]

The counter is 5573

The angle is reset to 90.38606051437554

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 89.74524236006287

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 89.82166965204401

Energy injection at [7, 2]

The counter is 5583

The angle is reset to 91.97516875643082

Energy injection at [0, 2]

The counter is 5584

The angle is reset to 91.38261812950157

Energy injection at [0, 2]

The counter is 5585

The angle is reset to 90.96783269065111

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 90.67748288345577

Energy injection at [0, 2]

The counter is 5587

The angle is reset to 90.47423801841903

Energy injection at [0, 2]

The counter is 5588

The angle is reset to 90.33196661289332

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 90.23237662902532

Energy injection at [1, 2]

The counter is 5590

The angle is reset to 103.66266364031772

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 113.06386454822238

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 120.16970518375567

Energy injection at [1, 2]

The counter is 5596

The angle is reset to 111.64379362862896

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 105.15065554004028

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 100.60545887802817

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 96.89882121461972

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 94.3041748502338

Energy injection at [2, 2]

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The current number of the iteration is 5600

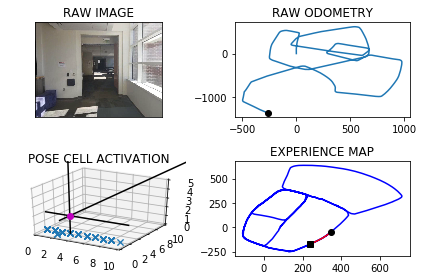
47.8710000515 seconds are elapsed per 100 frames.

The number of units of the VT is 1771

The number of units of the experience map is 1874

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The counter is 5601

The angle is reset to 93.01292239516366

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 92.10904567661454

Energy injection at [3, 2]

The counter is 5603

The angle is reset to 92.00133197363019

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 92.45093238154114

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 91.71565266707879

Energy injection at [6, 2]

The counter is 5611

The angle is reset to 90.67595686695515

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]

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The current number of the iteration is 5700

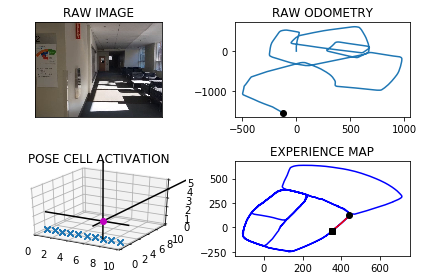
23.2829999924 seconds are elapsed per 100 frames.

The number of units of the VT is 1800

The number of units of the experience map is 1907

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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 107.63845248898217

Energy injection at [7, 2]

min\_delta\_val

1.0

e\_pc 7 2

current pc 6 2

The counter is 5703

The angle is reset to 118.4719167422875

Energy injection at [7, 2]

The counter is 5704

The angle is reset to 125.53034171960124

Energy injection at [7, 2]

The counter is 5705

The angle is reset to 130.99623920372085

Energy injection at [7, 2]

The counter is 5706

The angle is reset to 135.8723674426046

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 139.2856572098232

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 130.64996004687623

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 5709

The angle is reset to 131.95497203281334

Energy injection at [8, 1]

The counter is 5710

The angle is reset to 133.91848042296934

Energy injection at [8, 1]

The counter is 5711

The angle is reset to 135.8179362960785

Energy injection at [8, 1]

The counter is 5712

The angle is reset to 137.67255540725492

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 138.97078878507844

Energy injection at [0, 1]

min\_delta\_val

1.4142135623730951

e\_pc 0 1

current pc 9 0

loop closure

The counter is 5714

The angle is reset to 140.9295521495549

Energy injection at [0, 1]

min\_delta\_val

1.4142135623730951

e\_pc 0 0

current pc 1 1

The counter is 5715

The angle is reset to 142.3006865046884

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 9

current pc 0 0

The counter is 5716

The angle is reset to 142.73548055328186

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

The counter is 5717

The angle is reset to 196.5148363872973

Energy injection at [9, 4]

The counter is 5718

The angle is reset to 179.1103854711081

Energy injection at [1, 9]

The counter is 5720

The angle is reset to 166.92726982977567

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 5724

The angle is reset to 157.87408888084295

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 164.51186221659006

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 209.65830355161302

Energy injection at [6, 7]

min\_delta\_val

3.7416573867739413

e\_pc 6 7

current pc 3 5

new experience map with case 2

The counter is 5727

The angle is reset to 201.28581248612912

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 5731

The angle is reset to 196.47506874029037

Energy injection at [3, 5]

min\_delta\_val

1.4142135623730951

e\_pc 3 4

current pc 2 5

loop closure

The counter is 5732

The angle is reset to 191.53254811820324

Energy injection at [3, 4]

hash collision

The counter is 5733

The angle is reset to 215.07278368274225

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 2 4

current pc 3 4

loop closure

The counter is 5736

The angle is reset to 231.02594857791956

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 2 4

current pc 2 3

loop closure

The counter is 5738

The angle is reset to 242.71816400454367

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 5739

The angle is reset to 250.90271480318054

Energy injection at [2, 4]

The counter is 5740

The angle is reset to 229.6319003622264

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 2 4

The counter is 5741

The angle is reset to 214.7423302535585

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 204.31963117749095

Energy injection at [3, 4]

The counter is 5743

The angle is reset to 197.02374182424364

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 191.91661927697055

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 188.34163349387936

Energy injection at [3, 3]

The counter is 5746

The angle is reset to 185.83914344571554

Energy injection at [3, 3]

The counter is 5747

The angle is reset to 183.56240041200087

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 182.4936802884006

Energy injection at [3, 3]

The counter is 5749

The angle is reset to 181.74557620188043

Energy injection at [3, 3]

The counter is 5750

The angle is reset to 181.2219033413163

Energy injection at [3, 3]

The counter is 5751

The angle is reset to 181.3803323389214

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 181.49123263724496

Energy injection at [3, 2]

The counter is 5753

The angle is reset to 181.04386284607148

Energy injection at [3, 2]

The counter is 5754

The angle is reset to 180.73070399225003

Energy injection at [3, 2]

The counter is 5755

The angle is reset to 180.51149279457502

Energy injection at [3, 2]

hash collision

The counter is 5756

The angle is reset to 180.88304495620253

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 180.61813146934173

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 180.43269202853924

Energy injection at [3, 1]

The counter is 5762

The angle is reset to 181.35288441997747

Energy injection at [3, 1]

hash collision

The counter is 5763

The angle is reset to 180.9470190939842

Energy injection at [3, 1]

hash collision

The counter is 5764

The angle is reset to 181.18791336578894

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 180.83153935605225

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 180.58207754923657

Energy injection at [3, 1]

hash collision

The counter is 5767

The angle is reset to 180.4074542844656

Energy injection at [3, 1]

hash collision

The counter is 5768

The angle is reset to 180.28521799912593

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 5769

The angle is reset to 179.6746525993881

Energy injection at [3, 1]

The counter is 5770

The angle is reset to 179.24725681957167

Energy injection at [3, 1]

The counter is 5771

The angle is reset to 179.4730797737002

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 179.63115584159013

Energy injection at [3, 1]

The counter is 5773

The angle is reset to 179.7418090891131

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 180.34426636237916

Energy injection at [3, 9]

hash collision

The counter is 5775

The angle is reset to 180.76598645366542

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 181.0611905175658

Energy injection at [3, 9]

The counter is 5777

The angle is reset to 181.26783336229605

Energy injection at [3, 9]

The counter is 5778

The angle is reset to 181.41248335360723

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 180.98873834752504

Energy injection at [3, 9]

The counter is 5780

The angle is reset to 180.6921168432675

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 180.48448179028728

Energy injection at [3, 8]

The counter is 5782

The angle is reset to 180.33913725320107

Energy injection at [3, 8]

The counter is 5783

The angle is reset to 180.23739607724076

Energy injection at [3, 8]

The counter is 5784

The angle is reset to 180.16617725406851

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 180.64132407784797

Energy injection at [3, 8]

The counter is 5786

The angle is reset to 180.44892685449355

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 180.31424879814548

Energy injection at [3, 8]

The counter is 5788

The angle is reset to 180.74497415870184

Energy injection at [3, 8]

The counter is 5789

The angle is reset to 180.52148191109126

Energy injection at [3, 8]

The counter is 5790

The angle is reset to 180.36503733776385

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 180.2555261364347

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 179.65386829550428

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 179.232707806853

Energy injection at [3, 7]

The counter is 5794

The angle is reset to 179.4628954647971

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 179.62402682535796

Energy injection at [3, 6]

The counter is 5796

The angle is reset to 179.73681877775056

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 179.8157731444254

Energy injection at [3, 7]

The counter is 5798

The angle is reset to 179.8710412010978

Energy injection at [3, 7]

The counter is 5799

The angle is reset to 179.90972884076842

Energy injection at [3, 7]

The counter is 5800

The angle is reset to 179.93681018853792

Energy injection at [3, 7]

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The current number of the iteration is 5800

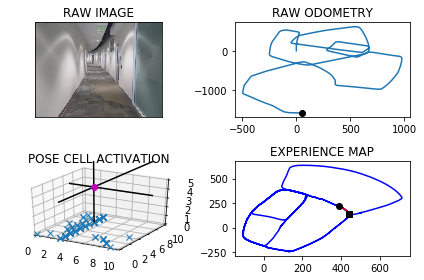
76.4019999504 seconds are elapsed per 100 frames.

The number of units of the VT is 1810

The number of units of the experience map is 1922

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The counter is 5801

The angle is reset to 179.95576713197653

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 179.96903699238354

Energy injection at [3, 6]

The counter is 5803

The angle is reset to 179.97832589466847

Energy injection at [3, 6]

The counter is 5804

The angle is reset to 179.45982812626792

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

The counter is 5805

The angle is reset to 179.62187968838754

Energy injection at [3, 6]

The counter is 5806

The angle is reset to 179.73531578187126

Energy injection at [3, 6]

The counter is 5807

The angle is reset to 179.8147210473099

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 179.87030473311688

Energy injection at [3, 5]

The counter is 5809

The angle is reset to 179.9092133131818

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 180.46144931922728

Energy injection at [3, 5]

The counter is 5811

The angle is reset to 180.32301452345905

Energy injection at [3, 5]

The counter is 5812

The angle is reset to 180.2261101664213

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

The counter is 5813

The angle is reset to 180.15827711649493

Energy injection at [3, 1]

The counter is 5814

The angle is reset to 180.11079398154644

Energy injection at [3, 1]

The counter is 5815

The angle is reset to 180.0775557870825

Energy injection at [3, 1]

The counter is 5816

The angle is reset to 180.05428905095775

Energy injection at [3, 1]

The counter is 5819

The angle is reset to 180.0380023356704

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5820

The angle is reset to 180.0266016349693

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5821

The angle is reset to 180.01862114447852

Energy injection at [3, 0]

The counter is 5822

The angle is reset to 180.01303480113495

Energy injection at [3, 0]

The counter is 5823

The angle is reset to 180.0091243607945

Energy injection at [3, 0]

The counter is 5824

The angle is reset to 180.00638705255614

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 5825

The angle is reset to 180.00447093678926

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 0

The counter is 5826

The angle is reset to 180.00312965575247

Energy injection at [3, 0]

The counter is 5827

The angle is reset to 180.00219075902672

Energy injection at [3, 0]

The counter is 5828

The angle is reset to 180.0015335313187

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

The counter is 5829

The angle is reset to 180.0010734719231

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5830

The angle is reset to 180.00075143034613

Energy injection at [3, 6]

The counter is 5831

The angle is reset to 180.0005260012423

Energy injection at [3, 6]

The counter is 5832

The angle is reset to 180.0003682008696

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 5833

The angle is reset to 180.0002577406087

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 5834

The angle is reset to 180.0001804184261

Energy injection at [3, 6]

The counter is 5835

The angle is reset to 180.00012629289824

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 5836

The angle is reset to 180.00008840502875

Energy injection at [3, 6]

The counter is 5837

The angle is reset to 180.00006188352015

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

The counter is 5838

The angle is reset to 180.0000433184641

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 180.00003032292489

Energy injection at [3, 5]

The counter is 5840

The angle is reset to 179.4750212260474

Energy injection at [3, 5]

The counter is 5841

The angle is reset to 179.63251485823318

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 5842

The angle is reset to 179.74276040076322

Energy injection at [3, 5]

The counter is 5843

The angle is reset to 179.81993228053423

Energy injection at [3, 5]

The counter is 5844

The angle is reset to 179.87395259637398

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 5845

The angle is reset to 179.91176681746174

Energy injection at [3, 5]

The counter is 5846

The angle is reset to 179.9382367722232

Energy injection at [3, 5]

The counter is 5847

The angle is reset to 179.95676574055625

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 5848

The angle is reset to 180.49473601838935

Energy injection at [3, 5]

The counter is 5849

The angle is reset to 180.34631521287253

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

The counter is 5850

The angle is reset to 180.24242064901077

Energy injection at [3, 4]

The counter is 5853

The angle is reset to 179.64469445430754

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

loop closure

The counter is 5854

The angle is reset to 179.75128611801526

Energy injection at [3, 4]

The counter is 5855

The angle is reset to 179.82590028261066

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5858

The angle is reset to 179.87813019782746

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 5859

The angle is reset to 180.43969113847922

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 5860

The angle is reset to 180.30778379693547

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 5861

The angle is reset to 180.21544865785484

Energy injection at [3, 3]

The counter is 5862

The angle is reset to 180.15081406049836

Energy injection at [3, 3]

The counter is 5863

The angle is reset to 180.10556984234884

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 2

The counter is 5864

The angle is reset to 180.07389888964417

Energy injection at [3, 3]

The counter is 5867

The angle is reset to 180.57672922275094

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 5868

The angle is reset to 180.92871045592562

Energy injection at [3, 2]

The counter is 5869

The angle is reset to 180.65009731914793

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 5870

The angle is reset to 180.98006812340353

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 5871

The angle is reset to 181.2110476863825

Energy injection at [3, 2]

The counter is 5874

The angle is reset to 181.37273338046774

Energy injection at [3, 1]

hash collision

The counter is 5875

The angle is reset to 180.9609133663274

Energy injection at [3, 0]

The counter is 5878

The angle is reset to 180.14763935642915

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5879

The angle is reset to 180.10334754950043

Energy injection at [3, 9]

The counter is 5880

The angle is reset to 181.1223432846503

Energy injection at [3, 9]

The counter is 5886

The angle is reset to 182.3606402992552

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 5888

The angle is reset to 181.12744820947864

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 5889

The angle is reset to 180.78921374663503

Energy injection at [3, 7]

The counter is 5893

The angle is reset to 181.0774496226445

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 7

loop closure

The counter is 5894

The angle is reset to 180.75421473585115

Energy injection at [3, 7]

The counter is 5895

The angle is reset to 180.52795031509578

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 5896

The angle is reset to 180.36956522056704

Energy injection at [3, 6]

The counter is 5897

The angle is reset to 180.25869565439692

Energy injection at [3, 6]

The counter is 5898

The angle is reset to 180.18108695807783

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

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

The current number of the iteration is 5900

59.2700002193 seconds are elapsed per 100 frames.

The number of units of the VT is 1825

The number of units of the experience map is 1940

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The counter is 5909

The angle is reset to 179.07676087065448

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 5912

The angle is reset to 178.82873260945811

Energy injection at [3, 5]

The counter is 5915

The angle is reset to 179.18011282662067

Energy injection at [3, 3]

hash collision

The counter is 5916

The angle is reset to 179.42607897863445

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

loop closure

The counter is 5917

The angle is reset to 179.59825528504413

Energy injection at [3, 2]

The counter is 5918

The angle is reset to 179.71877869953084

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 5919

The angle is reset to 179.8031450896716

Energy injection at [3, 2]

The counter is 5920

The angle is reset to 179.86220156277008

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 5923

The angle is reset to 179.37854109393905

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 5925

The angle is reset to 179.5649787657573

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5927

The angle is reset to 180.22048513603013

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5928

The angle is reset to 180.67933959522108

Energy injection at [3, 0]

The counter is 5930

The angle is reset to 181.00053771665475

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5932

The angle is reset to 180.70037640165827

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5933

The angle is reset to 180.49026348116078

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

The counter is 5935

The angle is reset to 179.81818443681254

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5937

The angle is reset to 179.87272910576877

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 5939

The angle is reset to 179.9109103740381

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

loop closure

The counter is 5941

The angle is reset to 179.9376372618267

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

loop closure

The counter is 5942

The angle is reset to 179.95634608327867

Energy injection at [3, 0]

The counter is 5943

The angle is reset to 179.96944225829506

Energy injection at [3, 0]

The counter is 5944

The angle is reset to 179.97860958080653

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

The counter is 5945

The angle is reset to 179.98502670656455

Energy injection at [3, 9]

The counter is 5946

The angle is reset to 179.46451869459517

Energy injection at [3, 9]

The counter is 5947

The angle is reset to 179.62516308621665

Energy injection at [3, 9]

The counter is 5948

The angle is reset to 179.73761416035163

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5949

The angle is reset to 179.81632991224615

Energy injection at [3, 9]

The counter is 5950

The angle is reset to 179.8714309385723

Energy injection at [3, 9]

The counter is 5951

The angle is reset to 180.43500165700058

Energy injection at [3, 9]

The counter is 5952

The angle is reset to 180.30450115990038

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 8

The counter is 5953

The angle is reset to 180.21315081193026

Energy injection at [3, 9]

The counter is 5954

The angle is reset to 180.14920556835116

Energy injection at [3, 9]

The counter is 5955

The angle is reset to 180.1044438978458

Energy injection at [3, 9]

The counter is 5956

The angle is reset to 180.07311072849205

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5957

The angle is reset to 180.05117750994444

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

The counter is 5958

The angle is reset to 180.03582425696106

Energy injection at [3, 8]

The counter is 5961

The angle is reset to 180.55007697987276

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 5962

The angle is reset to 180.9100538859109

Energy injection at [3, 8]

The counter is 5963

The angle is reset to 180.6370377201376

Energy injection at [3, 8]

The counter is 5966

The angle is reset to 180.97092640409633

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 5967

The angle is reset to 180.67964848286744

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 5968

The angle is reset to 180.47575393800722

Energy injection at [3, 7]

The counter is 5969

The angle is reset to 179.80802775660501

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 5970

The angle is reset to 179.8656194296235

Energy injection at [3, 7]

The counter is 5971

The angle is reset to 179.90593360073646

Energy injection at [3, 7]

The counter is 5972

The angle is reset to 179.93415352051554

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 5973

The angle is reset to 179.95390746436087

Energy injection at [3, 6]

The counter is 5974

The angle is reset to 179.96773522505256

Energy injection at [3, 6]

The counter is 5975

The angle is reset to 180.5024146575368

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 5976

The angle is reset to 180.87669026027575

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 5977

The angle is reset to 181.138683182193

Energy injection at [3, 6]

The counter is 5978

The angle is reset to 181.32207822753512

Energy injection at [3, 6]

The counter is 5979

The angle is reset to 180.92545475927457

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

The counter is 5980

The angle is reset to 180.64781833149218

Energy injection at [3, 6]

The counter is 5981

The angle is reset to 180.45347283204453

Energy injection at [3, 6]

The counter is 5982

The angle is reset to 179.79243098243114

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

loop closure

The counter is 5983

The angle is reset to 179.8547016877018

Energy injection at [3, 5]

The counter is 5984

The angle is reset to 179.89829118139127

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5985

The angle is reset to 179.92880382697385

Energy injection at [3, 4]

The counter is 5986

The angle is reset to 180.47516267888167

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5987

The angle is reset to 180.3326138752172

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5988

The angle is reset to 180.23282971265203

Energy injection at [3, 4]

The counter is 5989

The angle is reset to 180.1629807988564

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 5990

The angle is reset to 180.11408655919945

Energy injection at [3, 4]

The counter is 5991

The angle is reset to 179.5548605914396

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

The counter is 5992

The angle is reset to 179.68840241400775

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 5993

The angle is reset to 179.2568816898054

Energy injection at [3, 3]

The counter is 5994

The angle is reset to 179.47981718286377

Energy injection at [3, 3]

The counter is 5995

The angle is reset to 179.63587202800463

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 5996

The angle is reset to 179.74511041960324

Energy injection at [3, 3]

The counter is 5997

The angle is reset to 180.34657729372225

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 5998

The angle is reset to 180.76760410560559

Energy injection at [3, 3]

The counter is 5999

The angle is reset to 181.06232287392388

Energy injection at [3, 3]

The counter is 6000

The angle is reset to 180.74362601174673

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 2

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

The current number of the iteration is 6000

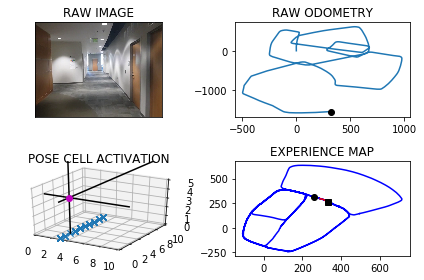
61.2050001621 seconds are elapsed per 100 frames.

The number of units of the VT is 1843

The number of units of the experience map is 1959

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The counter is 6001

The angle is reset to 180.52053820822272

Energy injection at [3, 3]

The counter is 6002

The angle is reset to 180.3643767457559

Energy injection at [3, 3]

The counter is 6003

The angle is reset to 180.2550637220291

Energy injection at [3, 3]

The counter is 6004

The angle is reset to 180.17854460542034

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 6005

The angle is reset to 179.59998122379423

Energy injection at [3, 3]

The counter is 6006

The angle is reset to 179.71998685665596

Energy injection at [3, 3]

The counter is 6007

The angle is reset to 179.80399079965915

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

loop closure

The counter is 6008

The angle is reset to 179.8627935597614

Energy injection at [3, 2]

The counter is 6009

The angle is reset to 179.903955491833

Energy injection at [3, 2]

The counter is 6010

The angle is reset to 179.9327688442831

Energy injection at [3, 2]

The counter is 6013

The angle is reset to 179.95293819099814

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

loop closure

The counter is 6019

The angle is reset to 179.96705673369868

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 0

loop closure

The counter is 6020

The angle is reset to 179.9769397135891

Energy injection at [3, 1]

The counter is 6021

The angle is reset to 180.50885779951233

Energy injection at [3, 1]

The counter is 6022

The angle is reset to 180.88120045965863

Energy injection at [3, 1]

The counter is 6023

The angle is reset to 180.61684032176103

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

loop closure

The counter is 6024

The angle is reset to 180.4317882252327

Energy injection at [3, 0]

The counter is 6025

The angle is reset to 180.30225175766287

Energy injection at [3, 0]

The counter is 6026

The angle is reset to 180.21157623036402

Energy injection at [3, 0]

The counter is 6027

The angle is reset to 180.1481033612548

Energy injection at [3, 0]

The counter is 6029

The angle is reset to 179.05367235287832

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 6030

The angle is reset to 179.33757064701481

Energy injection at [3, 0]

The counter is 6031

The angle is reset to 179.53629945291038

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

The counter is 6032

The angle is reset to 179.67540961703727

Energy injection at [3, 9]

The counter is 6033

The angle is reset to 179.77278673192606

Energy injection at [3, 9]

The counter is 6036

The angle is reset to 179.84095071234825

Energy injection at [3, 8]

The counter is 6037

The angle is reset to 179.88866549864377

Energy injection at [3, 8]

The counter is 6038

The angle is reset to 179.92206584905063

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 6039

The angle is reset to 179.42044609433543

Energy injection at [3, 8]

The counter is 6040

The angle is reset to 179.06931226603479

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

loop closure

The counter is 6041

The angle is reset to 179.34851858622434

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 6042

The angle is reset to 179.54396301035703

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

loop closure

The counter is 6043

The angle is reset to 180.20577410724994

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 6044

The angle is reset to 180.14404187507492

Energy injection at [3, 8]

The counter is 6045

The angle is reset to 180.62582931255244

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 6046

The angle is reset to 180.4380805187867

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 7

loop closure

The counter is 6047

The angle is reset to 180.3066563631507

Energy injection at [3, 7]

The counter is 6048

The angle is reset to 180.21465945420545

Energy injection at [3, 7]

The counter is 6052

The angle is reset to 180.15026161794384

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 6053

The angle is reset to 180.10518313256065

Energy injection at [3, 6]

The counter is 6054

The angle is reset to 180.07362819279246

Energy injection at [3, 6]

The counter is 6055

The angle is reset to 180.0515397349547

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

The counter is 6056

The angle is reset to 180.03607781446826

Energy injection at [3, 5]

The counter is 6057

The angle is reset to 180.0252544701278

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 6058

The angle is reset to 180.54267812908944

Energy injection at [3, 5]

The counter is 6059

The angle is reset to 180.3798746903626

Energy injection at [3, 5]

The counter is 6060

The angle is reset to 180.2659122832538

Energy injection at [3, 5]

The counter is 6061

The angle is reset to 180.18613859827764

Energy injection at [3, 5]

The counter is 6062

The angle is reset to 179.60529701879435

Energy injection at [3, 5]

The counter is 6063

The angle is reset to 179.19870791315603

Energy injection at [3, 5]

The counter is 6064

The angle is reset to 179.4390955392092

Energy injection at [3, 4]

hash collision

The counter is 6065

The angle is reset to 179.60736687744642

Energy injection at [3, 4]

hash collision

The counter is 6066

The angle is reset to 179.72515681421248

Energy injection at [3, 4]

hash collision

The counter is 6067

The angle is reset to 179.80760976994873

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 6068

The angle is reset to 179.8653268389641

Energy injection at [3, 4]

hash collision

The counter is 6069

The angle is reset to 179.90572878727485

Energy injection at [3, 4]

hash collision

The counter is 6070

The angle is reset to 179.9340101510924

Energy injection at [3, 4]

hash collision

The counter is 6071

The angle is reset to 179.95380710576464

Energy injection at [3, 4]

hash collision

The counter is 6072

The angle is reset to 179.96766497403524

Energy injection at [3, 4]

hash collision

The counter is 6073

The angle is reset to 179.97736548182468

Energy injection at [3, 4]

min\_delta\_val

2.0

e\_pc 3 2

current pc 3 4

new experience map with case 2

The counter is 6074

The angle is reset to 179.98415583727726

Energy injection at [3, 4]

The counter is 6078

The angle is reset to 179.98890908609408

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

loop closure

The counter is 6079

The angle is reset to 180.51723636026585

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 6080

The angle is reset to 180.88706545218608

Energy injection at [3, 5]

hash collision

The counter is 6081

The angle is reset to 180.62094581653025

Energy injection at [3, 5]

The counter is 6082

The angle is reset to 180.43466207157118

Energy injection at [3, 5]

The counter is 6083

The angle is reset to 180.30426345009982

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

loop closure

The counter is 6084

The angle is reset to 180.21298441506985

Energy injection at [3, 4]

The counter is 6085

The angle is reset to 180.14908909054887

Energy injection at [3, 4]

The counter is 6086

The angle is reset to 180.1043623633842

Energy injection at [3, 4]

The counter is 6087

The angle is reset to 180.07305365436892

Energy injection at [3, 4]

The counter is 6088

The angle is reset to 180.0511375580582

Energy injection at [3, 4]

The counter is 6089

The angle is reset to 180.03579629064077

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 6090

The angle is reset to 180.02505740344853

Energy injection at [3, 3]

The counter is 6091

The angle is reset to 180.01754018241397

Energy injection at [3, 3]

The counter is 6092

The angle is reset to 180.01227812768977

Energy injection at [3, 3]

The counter is 6096

The angle is reset to 193.50859468938282

Energy injection at [2, 4]

min\_delta\_val

1.4142135623730951

e\_pc 1 5

current pc 2 4

loop closure

The counter is 6097

The angle is reset to 202.43101628256795

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 4

The counter is 6098

The angle is reset to 208.67671139779756

Energy injection at [2, 5]

hash collision

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

The current number of the iteration is 6100

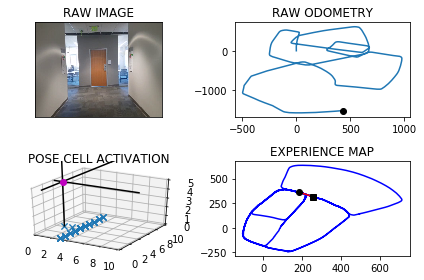
57.2889997959 seconds are elapsed per 100 frames.

The number of units of the VT is 1852

The number of units of the experience map is 1971

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The counter is 6103

The angle is reset to 213.04869797845828

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 216.6340885849208

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 219.14386200944458

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 1 5

current pc 2 5

The counter is 6106

The angle is reset to 220.90070340661117

Energy injection at [2, 5]

The counter is 6111

The angle is reset to 222.13049238462781

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 224.04134466923946

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 224.85394126846762

Energy injection at [1, 4]

The counter is 6116

The angle is reset to 225.4227588879273

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 225.29593122154913

Energy injection at [9, 3]

The counter is 6118

The angle is reset to 225.2071518550844

Energy injection at [9, 2]

hash collision

The counter is 6119

The angle is reset to 225.14500629855905

Energy injection at [9, 2]

hash collision

The counter is 6120

The angle is reset to 224.57650440899133

Energy injection at [9, 2]

hash collision

The counter is 6121

The angle is reset to 224.1785530862939

Energy injection at [0, 4]

counter 6121

multiple peak # >2

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

min\_delta\_val

1.0

e\_pc 0 4

current pc 0 3

loop closure

The counter is 6122

The angle is reset to 224.42498716040575

Energy injection at [8, 1]

The counter is 6123

The angle is reset to 224.59749101228402

Energy injection at [0, 3]

The counter is 6124

The angle is reset to 224.71824370859878

Energy injection at [0, 3]

The counter is 6125

The angle is reset to 224.80277059601914

Energy injection at [8, 1]

The counter is 6126

The angle is reset to 224.8619394172134

Energy injection at [0, 3]

hash collision

The counter is 6129

The angle is reset to 225.42835759204937

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6132

The angle is reset to 224.77485031443456

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6133

The angle is reset to 224.84239522010415

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 6134

The angle is reset to 224.8896766540729

Energy injection at [7, 0]

The counter is 6135

The angle is reset to 238.422773657851

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 6136

The angle is reset to 247.89594156049566

Energy injection at [6, 0]

The counter is 6137

The angle is reset to 254.52715909234695

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 4 0

current pc 6 0

The counter is 6138

The angle is reset to 259.69401136464285

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

The counter is 6139

The angle is reset to 262.78580795524994

Energy injection at [5, 0]

The counter is 6143

The angle is reset to 258.12506556867487

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 2 9

current pc 4 0

loop closure

The counter is 6161

The angle is reset to 187.43754589807247

Energy injection at [0, 5]

The counter is 6162

The angle is reset to 184.6812821286507

Energy injection at [0, 5]

min\_delta\_val

0.0

e\_pc 0 5

current pc 0 5

loop closure

The counter is 6163

The angle is reset to 183.2768974900555

Energy injection at [0, 5]

The counter is 6164

The angle is reset to 182.29382824303883

Energy injection at [0, 5]

The counter is 6165

The angle is reset to 181.60567977012718

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

The counter is 6166

The angle is reset to 181.123975839089

Energy injection at [0, 4]

The counter is 6167

The angle is reset to 180.78678308736232

Energy injection at [0, 4]

The counter is 6168

The angle is reset to 180.5507481611536

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

The counter is 6169

The angle is reset to 180.9105237128075

Energy injection at [0, 4]

The counter is 6170

The angle is reset to 180.6373665989653

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 6171

The angle is reset to 180.44615661927568

Energy injection at [0, 4]

The counter is 6172

The angle is reset to 180.31230963349296

Energy injection at [0, 4]

The counter is 6173

The angle is reset to 180.21861674344507

Energy injection at [0, 4]

The counter is 6176

The angle is reset to 179.6280317204115

Energy injection at [0, 3]

The counter is 6177

The angle is reset to 179.73962220428808

Energy injection at [0, 3]

The counter is 6178

The angle is reset to 180.86773554300163

Energy injection at [0, 3]

The counter is 6179

The angle is reset to 181.13241488010112

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 0 2

current pc 0 3

loop closure

The counter is 6180

The angle is reset to 181.3176904160708

Energy injection at [0, 3]

The counter is 6181

The angle is reset to 180.92238329124953

Energy injection at [0, 3]

The counter is 6184

The angle is reset to 181.1706683038747

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 6185

The angle is reset to 180.81946781271228

Energy injection at [0, 2]

The counter is 6186

The angle is reset to 180.04862746889856

Energy injection at [0, 2]

The counter is 6187

The angle is reset to 180.03403922822898

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 0 2

The counter is 6188

The angle is reset to 180.0238274597603

Energy injection at [0, 1]

The counter is 6189

The angle is reset to 180.5416792218322

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 0 0

The counter is 6190

The angle is reset to 180.9041754552825

Energy injection at [0, 1]

The counter is 6191

The angle is reset to 181.15792281869776

Energy injection at [0, 1]

The counter is 6192

The angle is reset to 180.81054597308844

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 6193

The angle is reset to 180.56738218116192

Energy injection at [0, 1]

The counter is 6194

The angle is reset to 180.39716752681332

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 6195

The angle is reset to 180.27801726876933

Energy injection at [0, 0]

The counter is 6196

The angle is reset to 179.66961208813848

Energy injection at [0, 0]

The counter is 6197

The angle is reset to 179.24372846169695

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 6198

The angle is reset to 178.94560992318782

Energy injection at [0, 0]

The counter is 6199

The angle is reset to 178.73692694623148

Energy injection at [0, 0]

The counter is 6200

The angle is reset to 179.11584886236201

Energy injection at [0, 0]

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The current number of the iteration is 6200

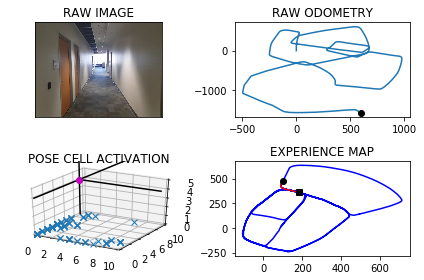
49.2799999714 seconds are elapsed per 100 frames.

The number of units of the VT is 1874

The number of units of the experience map is 1998

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The counter is 6201

The angle is reset to 179.38109420365342

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

The counter is 6202

The angle is reset to 179.56676594255737

Energy injection at [0, 9]

The counter is 6203

The angle is reset to 179.69673615979016

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

The counter is 6204

The angle is reset to 179.7877153118531

Energy injection at [0, 9]

The counter is 6205

The angle is reset to 179.85140071829716

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 8

current pc 0 9

The counter is 6206

The angle is reset to 179.895980502808

Energy injection at [0, 9]

The counter is 6207

The angle is reset to 179.40218635196555

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

The counter is 6208

The angle is reset to 179.0565304463759

Energy injection at [0, 8]

The counter is 6209

The angle is reset to 178.81457131246313

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

The counter is 6210

The angle is reset to 179.1701999187242

Energy injection at [0, 8]

The counter is 6211

The angle is reset to 179.41913994310693

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

The counter is 6212

The angle is reset to 179.59339796017483

Energy injection at [0, 8]

The counter is 6213

The angle is reset to 179.71537857212235

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 0 8

The counter is 6214

The angle is reset to 180.32576500048563

Energy injection at [0, 7]

The counter is 6215

The angle is reset to 180.22803550033993

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

The counter is 6216

The angle is reset to 180.15962485023795

Energy injection at [0, 7]

The counter is 6217

The angle is reset to 180.11173739516656

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 0 6

The counter is 6218

The angle is reset to 180.07821617661656

Energy injection at [0, 7]

The counter is 6219

The angle is reset to 180.05475132363156

Energy injection at [0, 7]

The counter is 6220

The angle is reset to 180.03832592654211

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

The counter is 6221

The angle is reset to 180.02682814857945

Energy injection at [0, 7]

The counter is 6222

The angle is reset to 180.01877970400562

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

The counter is 6223

The angle is reset to 180.01314579280393

Energy injection at [0, 7]

The counter is 6224

The angle is reset to 180.00920205496274

Energy injection at [0, 7]

The counter is 6225

The angle is reset to 180.5314414384739

Energy injection at [0, 6]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

The counter is 6226

The angle is reset to 180.89700900693174

Energy injection at [0, 6]

The counter is 6235

The angle is reset to 180.62790630485222

Energy injection at [0, 5]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

loop closure

The counter is 6236

The angle is reset to 180.4395344133965

Energy injection at [0, 5]

The counter is 6237

The angle is reset to 180.83267408937755

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

The counter is 6238

The angle is reset to 181.10787186256428

Energy injection at [0, 4]

The counter is 6239

The angle is reset to 181.30051030379502

Energy injection at [0, 4]

The counter is 6240

The angle is reset to 181.4353572126565

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

The counter is 6242

The angle is reset to 182.05475004885952

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

loop closure

The counter is 6243

The angle is reset to 180.91332503420165

Energy injection at [0, 3]

The counter is 6244

The angle is reset to 180.63932752394115

Energy injection at [0, 3]

The counter is 6245

The angle is reset to 180.44752926675883

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 6246

The angle is reset to 180.31327048673114

Energy injection at [0, 3]

The counter is 6247

The angle is reset to 180.2192893407118

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 6248

The angle is reset to 180.67850253849826

Energy injection at [0, 3]

The counter is 6249

The angle is reset to 180.47495177694879

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 6250

The angle is reset to 180.85746624386417

Energy injection at [0, 3]

The counter is 6251

The angle is reset to 180.6002263707049

Energy injection at [0, 3]

The counter is 6252

The angle is reset to 180.4201584594934

Energy injection at [0, 3]

The counter is 6253

The angle is reset to 179.7691109216454

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 6254

The angle is reset to 179.83837764515178

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 6255

The angle is reset to 179.88686435160622

Energy injection at [0, 2]

The counter is 6256

The angle is reset to 179.92080504612434

Energy injection at [0, 2]

The counter is 6257

The angle is reset to 179.94456353228702

Energy injection at [0, 2]

The counter is 6258

The angle is reset to 180.4861944726009

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 6259

The angle is reset to 180.34033613082062

Energy injection at [0, 2]

The counter is 6260

The angle is reset to 180.23823529157445

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 0 2

The counter is 6261

The angle is reset to 180.6917647041021

Energy injection at [0, 1]

The counter is 6262

The angle is reset to 180.48423529287146

Energy injection at [0, 1]

The counter is 6263

The angle is reset to 180.33896470501

Energy injection at [0, 1]

The counter is 6264

The angle is reset to 180.23727529350697

Energy injection at [0, 1]

The counter is 6265

The angle is reset to 180.16609270545487

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 0

current pc 0 1

The counter is 6266

The angle is reset to 180.1162648938184

Energy injection at [0, 0]

The counter is 6267

The angle is reset to 180.08138542567286

Energy injection at [0, 0]

The counter is 6268

The angle is reset to 180.056969797971

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 6269

The angle is reset to 180.0398788585797

Energy injection at [0, 0]

The counter is 6270

The angle is reset to 180.02791520100578

Energy injection at [0, 0]

The counter is 6271

The angle is reset to 180.54454064070404

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 0 0

The counter is 6272

The angle is reset to 180.90617844849282

Energy injection at [0, 9]

The counter is 6273

The angle is reset to 181.15932491394497

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 0

current pc 0 9

loop closure

The counter is 6274

The angle is reset to 180.8115274397615

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

The counter is 6275

The angle is reset to 180.56806920783302

Energy injection at [0, 9]

The counter is 6276

The angle is reset to 180.3976484454831

Energy injection at [0, 9]

The counter is 6277

The angle is reset to 180.27835391183814

Energy injection at [0, 8]

min\_delta\_val

1.0

e\_pc 0 8

current pc 0 9

The counter is 6278

The angle is reset to 180.1948477382867

Energy injection at [0, 8]

The counter is 6279

The angle is reset to 180.13639341680067

Energy injection at [0, 8]

The counter is 6280

The angle is reset to 180.09547539176046

Energy injection at [0, 8]

The counter is 6281

The angle is reset to 179.54183277423232

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

The counter is 6282

The angle is reset to 179.67928294196264

Energy injection at [0, 8]

The counter is 6283

The angle is reset to 179.77549805937383

Energy injection at [0, 8]

The counter is 6284

The angle is reset to 179.8428486415617

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

The counter is 6285

The angle is reset to 179.8899940490932

Energy injection at [0, 7]

The counter is 6286

The angle is reset to 179.92299583436522

Energy injection at [0, 7]

The counter is 6287

The angle is reset to 179.94609708405562

Energy injection at [0, 7]

The counter is 6288

The angle is reset to 179.9622679588389

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 0 6

The counter is 6289

The angle is reset to 179.44858757118723

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 6

current pc 0 7

The counter is 6290

The angle is reset to 179.61401129983108

Energy injection at [0, 7]

The counter is 6291

The angle is reset to 179.7298079098817

Energy injection at [0, 7]

The counter is 6292

The angle is reset to 179.8108655369172

Energy injection at [0, 7]

The counter is 6293

The angle is reset to 179.867605875842

Energy injection at [0, 6]

min\_delta\_val

1.0

e\_pc 0 6

current pc 0 7

The counter is 6294

The angle is reset to 179.9073241130894

Energy injection at [0, 6]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

The counter is 6295

The angle is reset to 179.9351268791626

Energy injection at [0, 6]

The counter is 6296

The angle is reset to 179.9545888154138

Energy injection at [0, 6]

The counter is 6297

The angle is reset to 179.96821217078963

Energy injection at [0, 6]

min\_delta\_val

1.0

e\_pc 0 6

current pc 0 5

The counter is 6298

The angle is reset to 179.97774851955276

Energy injection at [0, 6]

The counter is 6299

The angle is reset to 179.9844239636869

Energy injection at [0, 6]

The counter is 6300

The angle is reset to 179.98909677458082

Energy injection at [0, 6]

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The current number of the iteration is 6300

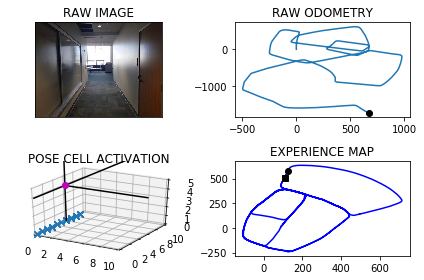
60.0440001488 seconds are elapsed per 100 frames.

The number of units of the VT is 1878

The number of units of the experience map is 2005

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The counter is 6301

The angle is reset to 179.46736774220656

Energy injection at [0, 6]

The counter is 6302

The angle is reset to 179.1021574195446

Energy injection at [0, 6]

min\_delta\_val

1.0

e\_pc 0 5

current pc 0 6

The counter is 6303

The angle is reset to 179.3715101936812

Energy injection at [0, 6]

The counter is 6304

The angle is reset to 179.56005713557684

Energy injection at [0, 6]

The counter is 6305

The angle is reset to 179.69203999490378

Energy injection at [0, 6]

The counter is 6306

The angle is reset to 179.78442799643264

Energy injection at [0, 6]

The counter is 6307

The angle is reset to 179.84909959750283

Energy injection at [0, 6]

The counter is 6308

The angle is reset to 179.89436971825197

Energy injection at [0, 6]

The counter is 6309

The angle is reset to 179.92605880277637

Energy injection at [0, 6]

The counter is 6313

The angle is reset to 179.94824116194343

Energy injection at [0, 5]

min\_delta\_val

0.0

e\_pc 0 5

current pc 0 5

loop closure

The counter is 6314

The angle is reset to 179.96376881336042

Energy injection at [0, 5]

The counter is 6315

The angle is reset to 179.97463816935232

Energy injection at [0, 5]

The counter is 6316

The angle is reset to 179.9822467185466

Energy injection at [0, 4]

min\_delta\_val

1.0

e\_pc 0 4

current pc 0 5

The counter is 6317

The angle is reset to 179.9875727029826

Energy injection at [0, 4]

The counter is 6318

The angle is reset to 179.9913008920878

Energy injection at [0, 4]

The counter is 6319

The angle is reset to 180.51891062446148

Energy injection at [0, 4]

The counter is 6320

The angle is reset to 180.88823743712302

Energy injection at [0, 4]

The counter is 6321

The angle is reset to 180.62176620598612

Energy injection at [0, 4]

The counter is 6325

The angle is reset to 179.91023634419028

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 6326

The angle is reset to 179.93716544093317

Energy injection at [0, 3]

The counter is 6327

The angle is reset to 179.9560158086532

Energy injection at [0, 3]

The counter is 6328

The angle is reset to 179.96921106605728

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 6329

The angle is reset to 179.97844774624008

Energy injection at [0, 3]

The counter is 6330

The angle is reset to 179.98491342236807

Energy injection at [0, 3]

The counter is 6331

The angle is reset to 179.98943939565763

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 0 2

current pc 0 3

The counter is 6332

The angle is reset to 179.99260757696032

Energy injection at [0, 3]

The counter is 6333

The angle is reset to 179.99482530387223

Energy injection at [0, 3]

The counter is 6334

The angle is reset to 179.99637771271057

Energy injection at [0, 3]

The counter is 6335

The angle is reset to 179.9974643988974

Energy injection at [0, 3]

The counter is 6336

The angle is reset to 179.47322507922817

Energy injection at [0, 3]

The counter is 6337

The angle is reset to 179.6312575554597

Energy injection at [0, 3]

The counter is 6338

The angle is reset to 179.7418802888218

Energy injection at [0, 3]

The counter is 6339

The angle is reset to 179.81931620217526

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 2

current pc 0 3

The counter is 6340

The angle is reset to 179.87352134152266

Energy injection at [0, 2]

The counter is 6341

The angle is reset to 179.91146493906587

Energy injection at [0, 2]

The counter is 6342

The angle is reset to 179.93802545734607

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 6343

The angle is reset to 179.95661782014227

Energy injection at [0, 2]

The counter is 6344

The angle is reset to 179.96963247409957

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 2

current pc 0 1

The counter is 6345

The angle is reset to 179.9787427318697

Energy injection at [0, 2]

The counter is 6346

The angle is reset to 179.98511991230876

Energy injection at [0, 2]

The counter is 6348

The angle is reset to 179.9895839386161

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 1

current pc 0 2

loop closure

The counter is 6349

The angle is reset to 179.46770875703126

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 6350

The angle is reset to 179.6273961299219

Energy injection at [0, 1]

The counter is 6351

The angle is reset to 179.7391772909453

Energy injection at [0, 1]

The counter is 6352

The angle is reset to 179.81742410366172

Energy injection at [0, 1]

The counter is 6353

The angle is reset to 180.3971968725632

Energy injection at [0, 1]

The counter is 6354

The angle is reset to 180.80303781079422

Energy injection at [0, 1]

The counter is 6355

The angle is reset to 180.56212646755594

Energy injection at [0, 1]

The counter is 6356

The angle is reset to 180.39348852728915

Energy injection at [0, 1]

The counter is 6357

The angle is reset to 180.2754419691024

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 0

current pc 0 1

The counter is 6358

The angle is reset to 180.19280937837166

Energy injection at [0, 1]

The counter is 6359

The angle is reset to 179.60996656486014

Energy injection at [0, 1]

The counter is 6360

The angle is reset to 179.7269765954021

Energy injection at [0, 1]

The counter is 6361

The angle is reset to 179.28388361678145

Energy injection at [0, 1]

The counter is 6362

The angle is reset to 179.49871853174702

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 0

current pc 0 1

The counter is 6363

The angle is reset to 179.6491029722229

Energy injection at [0, 0]

The counter is 6364

The angle is reset to 179.75437208055604

Energy injection at [0, 0]

The counter is 6365

The angle is reset to 179.8280604563892

Energy injection at [0, 0]

The counter is 6366

The angle is reset to 179.87964231947245

Energy injection at [0, 0]

The counter is 6367

The angle is reset to 179.9157496236307

Energy injection at [0, 0]

The counter is 6368

The angle is reset to 179.4160247365415

Energy injection at [0, 0]

The counter is 6378

The angle is reset to 161.21621731557903

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

loop closure

The counter is 6379

The angle is reset to 162.65135212090533

Energy injection at [0, 8]

min\_delta\_val

1.0

e\_pc 0 7

current pc 0 8

The counter is 6380

The angle is reset to 151.2059464846337

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 0 6

The counter is 6381

The angle is reset to 140.04416253924356

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 6

current pc 0 7

The counter is 6389

The angle is reset to 116.48091377747046

Energy injection at [4, 3]

The counter is 6390

The angle is reset to 122.03663964422931

Energy injection at [4, 3]

The counter is 6391

The angle is reset to 125.92564775096051

Energy injection at [4, 3]

min\_delta\_val

0.0

e\_pc 4 3

current pc 4 3

loop closure

The counter is 6392

The angle is reset to 128.64795342567234

Energy injection at [4, 3]

The counter is 6393

The angle is reset to 130.55356739797062

Energy injection at [4, 3]

hash collision

The counter is 6394

The angle is reset to 131.88749717857942

Energy injection at [4, 3]

The counter is 6395

The angle is reset to 132.82124802500562

Energy injection at [4, 3]

The counter is 6396

The angle is reset to 133.4748736175039

Energy injection at [4, 3]

min\_delta\_val

1.4142135623730951

e\_pc 5 2

current pc 4 3

The counter is 6397

The angle is reset to 133.93241153225273

Energy injection at [4, 3]

The counter is 6398

The angle is reset to 134.2526880725769

Energy injection at [4, 3]

The counter is 6399

The angle is reset to 134.47688165080382

Energy injection at [5, 2]

min\_delta\_val

1.4142135623730951

e\_pc 5 2

current pc 4 3

The counter is 6400

The angle is reset to 134.63381715556267

Energy injection at [5, 2]

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The current number of the iteration is 6400

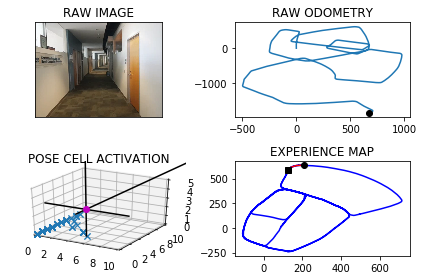
37.9290001392 seconds are elapsed per 100 frames.

The number of units of the VT is 1891

The number of units of the experience map is 2019

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The counter is 6401

The angle is reset to 134.74367200889387

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 6402

The angle is reset to 134.8205704062257

Energy injection at [5, 2]

The counter is 6403

The angle is reset to 135.39939928435797

Energy injection at [5, 2]

The counter is 6406

The angle is reset to 136.85457949905057

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 6407

The angle is reset to 136.2982056493354

Energy injection at [5, 1]

The counter is 6408

The angle is reset to 135.90874395453477

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 6409

The angle is reset to 135.63612076817432

Energy injection at [5, 1]

The counter is 6412

The angle is reset to 134.920284537722

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 5 1

loop closure

The counter is 6413

The angle is reset to 134.9441991764054

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 5 1

The counter is 6414

The angle is reset to 135.48593942348376

Energy injection at [6, 1]

The counter is 6415

The angle is reset to 135.34015759643862

Energy injection at [6, 1]

The counter is 6416

The angle is reset to 121.73811031750704

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 6417

The angle is reset to 112.21667722225492

Energy injection at [6, 1]

The counter is 6418

The angle is reset to 105.55167405557845

Energy injection at [6, 1]

The counter is 6419

The angle is reset to 100.88617183890491

Energy injection at [7, 1]

min\_delta\_val

0.0

e\_pc 7 1

current pc 7 1

The counter is 6424

The angle is reset to 96.57032028723343

Energy injection at [7, 1]

min\_delta\_val

0.0

e\_pc 7 1

current pc 7 1

loop closure

The counter is 6425

The angle is reset to 94.5992242010634

Energy injection at [7, 1]

The counter is 6426

The angle is reset to 93.21945694074438

Energy injection at [7, 1]

The counter is 6427

The angle is reset to 92.25361985852105

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 6428

The angle is reset to 91.57753390096474

Energy injection at [8, 1]

The counter is 6429

The angle is reset to 91.10427373067532

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 6432

The angle is reset to 90.77299161147272

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6437

The angle is reset to 90.54109412803089

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6438

The angle is reset to 90.90376588962162

Energy injection at [8, 1]

The counter is 6460

The angle is reset to 91.68263612273513

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 1 1

current pc 0 1

loop closure

The counter is 6465

The angle is reset to 92.2278452859146

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 6466

The angle is reset to 91.55949170014021

Energy injection at [1, 1]

The counter is 6467

The angle is reset to 91.09164419009815

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 1

current pc 2 1

The counter is 6477

The angle is reset to 91.2891509330687

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 6478

The angle is reset to 90.9024056531481

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 6479

The angle is reset to 90.63168395720366

Energy injection at [4, 1]

The counter is 6480

The angle is reset to 90.44217877004255

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 4 1

The counter is 6489

The angle is reset to 90.30952513902979

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

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

The current number of the iteration is 6500

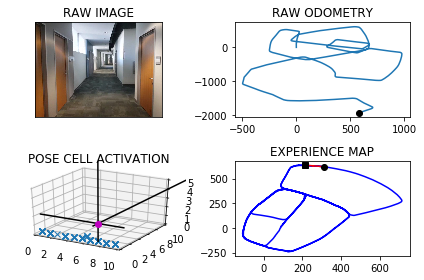
34.5719997883 seconds are elapsed per 100 frames.

The number of units of the VT is 1927

The number of units of the experience map is 2055

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The counter is 6509

The angle is reset to 89.69166759732083

Energy injection at [7, 1]

min\_delta\_val

0.0

e\_pc 7 1

current pc 7 1

loop closure

The counter is 6510

The angle is reset to 89.78416731812457

Energy injection at [7, 1]

The counter is 6511

The angle is reset to 89.8489171226872

Energy injection at [7, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 7 1

The counter is 6512

The angle is reset to 89.89424198588104

Energy injection at [7, 1]

The counter is 6513

The angle is reset to 89.92596939011672

Energy injection at [7, 1]

The counter is 6515

The angle is reset to 89.9481785730817

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6516

The angle is reset to 89.43872500115718

Energy injection at [8, 1]

The counter is 6517

The angle is reset to 89.60710750081002

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 6518

The angle is reset to 89.72497525056701

Energy injection at [8, 1]

The counter is 6519

The angle is reset to 89.8074826753969

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 9 1

loop closure

The counter is 6520

The angle is reset to 89.86523787277783

Energy injection at [0, 1]

The counter is 6521

The angle is reset to 89.90566651094449

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 6522

The angle is reset to 89.93396655766112

Energy injection at [0, 1]

The counter is 6523

The angle is reset to 89.95377659036279

Energy injection at [0, 1]

The counter is 6524

The angle is reset to 89.96764361325394

Energy injection at [0, 1]

The counter is 6527

The angle is reset to 88.92735052927775

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 6530

The angle is reset to 88.72414537049443

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 6531

The angle is reset to 89.1069017593461

Energy injection at [0, 1]

The counter is 6558

The angle is reset to 89.37483123154226

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 6565

The angle is reset to 89.56238186207958

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 6566

The angle is reset to 89.69366730345568

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 6567

The angle is reset to 89.78556711241899

Energy injection at [5, 1]

The counter is 6570

The angle is reset to 89.84989697869328

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 6571

The angle is reset to 89.8949278850853

Energy injection at [6, 1]

The counter is 6572

The angle is reset to 89.9264495195597

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 6580

The angle is reset to 90.47351466369179

Energy injection at [7, 1]

min\_delta\_val

0.0

e\_pc 7 1

current pc 7 1

loop closure

The counter is 6583

The angle is reset to 90.33146026458425

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6584

The angle is reset to 90.23202218520898

Energy injection at [8, 1]

The counter is 6596

The angle is reset to 89.63741552964628

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6597

The angle is reset to 89.74619087075239

Energy injection at [7, 1]

min\_delta\_val

1.0

e\_pc 7 1

current pc 8 1

loop closure

The counter is 6598

The angle is reset to 89.82233360952665

Energy injection at [8, 1]

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The current number of the iteration is 6600

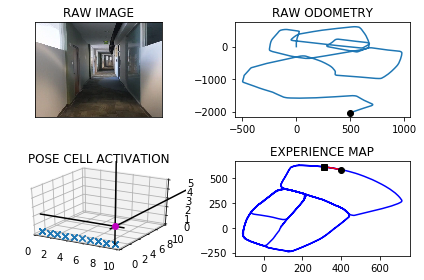
33.138999939 seconds are elapsed per 100 frames.

The number of units of the VT is 1965

The number of units of the experience map is 2095

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The counter is 6603

The angle is reset to 89.87563352666866

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 8 1

loop closure

The counter is 6604

The angle is reset to 90.43794346866807

Energy injection at [8, 1]

The counter is 6610

The angle is reset to 90.30656042806764

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 6611

The angle is reset to 90.21459229964735

Energy injection at [0, 1]

The counter is 6612

The angle is reset to 90.15021460975315

Energy injection at [0, 1]

The counter is 6614

The angle is reset to 90.1051502268272

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 6615

The angle is reset to 90.07360515877903

Energy injection at [1, 1]

The counter is 6616

The angle is reset to 90.05152361114533

Energy injection at [1, 1]

The counter is 6617

The angle is reset to 90.03606652780174

Energy injection at [1, 1]

The counter is 6618

The angle is reset to 90.0252465694612

Energy injection at [1, 1]

The counter is 6619

The angle is reset to 90.01767259862282

Energy injection at [1, 1]

The counter is 6620

The angle is reset to 89.48737081903597

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

The counter is 6626

The angle is reset to 89.64115957332517

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 1

current pc 2 1

loop closure

The counter is 6627

The angle is reset to 89.74881170132763

Energy injection at [2, 1]

The counter is 6628

The angle is reset to 89.82416819092931

Energy injection at [2, 1]

The counter is 6629

The angle is reset to 89.87691773365052

Energy injection at [2, 1]

The counter is 6630

The angle is reset to 89.91384241355537

Energy injection at [2, 1]

The counter is 6631

The angle is reset to 89.93968968948876

Energy injection at [2, 1]

The counter is 6632

The angle is reset to 89.95778278264213

Energy injection at [2, 1]

The counter is 6635

The angle is reset to 89.44544794784949

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 2 1

loop closure

The counter is 6636

The angle is reset to 89.61181356349464

Energy injection at [3, 1]

The counter is 6637

The angle is reset to 90.25326949444623

Energy injection at [3, 1]

The counter is 6638

The angle is reset to 90.17728864611236

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 6639

The angle is reset to 90.12410205227864

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 4 1

current pc 3 1

loop closure

The counter is 6640

The angle is reset to 90.08687143659505

Energy injection at [3, 1]

The counter is 6643

The angle is reset to 90.06081000561653

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 6644

The angle is reset to 89.51756700393156

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 4 1

The counter is 6645

The angle is reset to 89.13729690275208

Energy injection at [5, 1]

The counter is 6649

The angle is reset to 89.39610783192646

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 6653

The angle is reset to 89.57727548234851

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 6654

The angle is reset to 89.70409283764396

Energy injection at [6, 1]

The counter is 6656

The angle is reset to 89.79286498635075

Energy injection at [7, 1]

min\_delta\_val

1.0

e\_pc 7 1

current pc 6 1

loop closure

The counter is 6657

The angle is reset to 89.85500549044554

Energy injection at [7, 1]

min\_delta\_val

1.0

e\_pc 7 1

current pc 8 1

loop closure

The counter is 6662

The angle is reset to 90.42350384331186

Energy injection at [8, 1]

hash collision

The counter is 6663

The angle is reset to 90.2964526903183

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 8 1

loop closure

The counter is 6665

The angle is reset to 90.20751688322281

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 9 1

loop closure

The counter is 6666

The angle is reset to 89.62026181825597

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 6667

The angle is reset to 89.20918327277916

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 6668

The angle is reset to 88.92142829094543

Energy injection at [0, 1]

The counter is 6669

The angle is reset to 89.24499980366178

Energy injection at [0, 1]

The counter is 6670

The angle is reset to 89.47149986256323

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 1 1

The counter is 6672

The angle is reset to 90.68004990379427

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 1 1

loop closure

The counter is 6675

The angle is reset to 90.47603493265599

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 6676

The angle is reset to 90.3332244528592

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 1

current pc 2 1

The counter is 6678

The angle is reset to 89.70825711700141

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 1

current pc 2 1

loop closure

The counter is 6679

The angle is reset to 89.27077998190099

Energy injection at [2, 1]

The counter is 6686

The angle is reset to 90.01454598733069

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 6687

The angle is reset to 90.01018219113149

Energy injection at [3, 1]

The counter is 6690

The angle is reset to 88.95712753379203

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 6697

The angle is reset to 89.26998927365443

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

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

The current number of the iteration is 6700

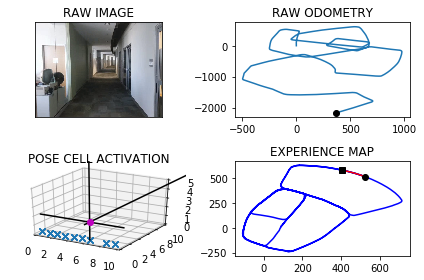
49.7400000095 seconds are elapsed per 100 frames.

The number of units of the VT is 1995

The number of units of the experience map is 2125

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The counter is 6717

The angle is reset to 88.96399249155809

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 6718

The angle is reset to 89.79979474409065

Energy injection at [0, 1]

The counter is 6719

The angle is reset to 89.85985632086346

Energy injection at [0, 1]

The counter is 6723

The angle is reset to 89.90189942460442

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 1 1

loop closure

The counter is 6724

The angle is reset to 89.9313295972231

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 6725

The angle is reset to 89.42693071805616

Energy injection at [0, 1]

The counter is 6726

The angle is reset to 89.5988515026393

Energy injection at [0, 1]

The counter is 6729

The angle is reset to 89.7191960518475

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 6730

The angle is reset to 89.80343723629325

Energy injection at [0, 1]

The counter is 6732

The angle is reset to 89.86240606540527

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 6735

The angle is reset to 89.90368424578367

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 6748

The angle is reset to 88.35757897204856

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 6751

The angle is reset to 88.85030528043399

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 4 1

loop closure

The counter is 6752

The angle is reset to 89.19521369630378

Energy injection at [5, 1]

The counter is 6753

The angle is reset to 89.43664958741265

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 6754

The angle is reset to 89.60565471118885

Energy injection at [5, 1]

The counter is 6755

The angle is reset to 89.72395829783218

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 6756

The angle is reset to 89.80677080848251

Energy injection at [5, 1]

The counter is 6757

The angle is reset to 89.86473956593777

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 5 1

The counter is 6758

The angle is reset to 89.90531769615644

Energy injection at [6, 1]

The counter is 6764

The angle is reset to 90.9837223873095

Energy injection at [7, 1]

min\_delta\_val

0.0

e\_pc 7 1

current pc 7 1

loop closure

The counter is 6765

The angle is reset to 90.68860567111665

Energy injection at [7, 1]

The counter is 6766

The angle is reset to 90.48202396978165

Energy injection at [7, 1]

min\_delta\_val

0.0

e\_pc 7 1

current pc 7 1

loop closure

The counter is 6767

The angle is reset to 90.33741677884714

Energy injection at [7, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 7 1

loop closure

The counter is 6768

The angle is reset to 90.236191745193

Energy injection at [7, 1]

The counter is 6769

The angle is reset to 89.6403342216351

Energy injection at [7, 1]

The counter is 6770

The angle is reset to 89.74823395514456

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 7 1

The counter is 6775

The angle is reset to 89.82376376860118

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 9 1

loop closure

The counter is 6776

The angle is reset to 89.87663463802083

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 6778

The angle is reset to 89.91364424661458

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 6779

The angle is reset to 89.9395509726302

Energy injection at [0, 1]

The counter is 6782

The angle is reset to 89.95768568084114

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 6789

The angle is reset to 89.97037997658879

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 6790

The angle is reset to 89.97926598361215

Energy injection at [1, 1]

The counter is 6791

The angle is reset to 89.9854861885285

Energy injection at [1, 1]

The counter is 6794

The angle is reset to 88.93984033196993

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 6795

The angle is reset to 89.25788823237896

Energy injection at [1, 1]

The counter is 6796

The angle is reset to 89.48052176266526

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 1

current pc 1 1

The counter is 6797

The angle is reset to 89.63636523386567

Energy injection at [2, 1]

The counter is 6798

The angle is reset to 89.74545566370597

Energy injection at [2, 1]

The counter is 6799

The angle is reset to 89.82181896459417

Energy injection at [2, 1]

The counter is 6800

The angle is reset to 89.87527327521592

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 1

current pc 2 1

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

The current number of the iteration is 6800

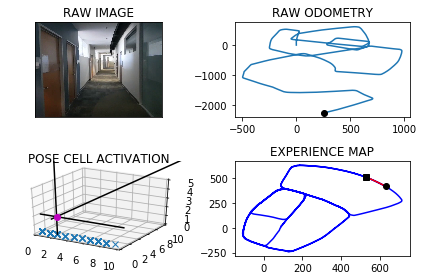
44.2510001659 seconds are elapsed per 100 frames.

The number of units of the VT is 2027

The number of units of the experience map is 2158

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The counter is 6801

The angle is reset to 89.91269129265113

Energy injection at [2, 1]

The counter is 6808

The angle is reset to 89.93888390485579

Energy injection at [3, 4]

The counter is 6809

The angle is reset to 89.95721873339905

Energy injection at [3, 4]

The counter is 6810

The angle is reset to 89.97005311337932

Energy injection at [3, 4]

The counter is 6813

The angle is reset to 89.97903717936552

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 6814

The angle is reset to 89.98532602555586

Energy injection at [4, 4]

min\_delta\_val

0.0

e\_pc 4 4

current pc 4 4

The counter is 6815

The angle is reset to 89.9897282178891

Energy injection at [4, 4]

The counter is 6817

The angle is reset to 89.99280975252236

Energy injection at [4, 4]

min\_delta\_val

0.0

e\_pc 4 4

current pc 4 4

loop closure

The counter is 6818

The angle is reset to 89.99496682676566

Energy injection at [4, 4]

The counter is 6819

The angle is reset to 89.99647677873595

Energy injection at [4, 4]

min\_delta\_val

1.0

e\_pc 4 4

current pc 5 4

The counter is 6820

The angle is reset to 89.99753374511516

Energy injection at [4, 4]

The counter is 6827

The angle is reset to 91.57327362158061

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 6828

The angle is reset to 90.57629153510642

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 4

current pc 6 4

loop closure

The counter is 6829

The angle is reset to 90.40340407457448

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 6830

The angle is reset to 90.28238285220213

Energy injection at [5, 4]

The counter is 6831

The angle is reset to 90.1976679965415

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 5 4

The counter is 6835

The angle is reset to 90.13836759757903

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 5 4

loop closure

The counter is 6849

The angle is reset to 90.09685731830533

Energy injection at [9, 4]

The counter is 6854

The angle is reset to 89.54280012281372

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 6855

The angle is reset to 89.67996008596958

Energy injection at [9, 4]

The counter is 6856

The angle is reset to 89.7759720601787

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

The counter is 6857

The angle is reset to 89.84318044212509

Energy injection at [0, 4]

The counter is 6867

The angle is reset to 90.41522630948757

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 6868

The angle is reset to 90.29065841664129

Energy injection at [1, 4]

The counter is 6869

The angle is reset to 90.2034608916489

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 6872

The angle is reset to 90.14242262415422

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 2 4

current pc 1 4

loop closure

The counter is 6873

The angle is reset to 90.09969583690796

Energy injection at [2, 4]

The counter is 6876

The angle is reset to 89.01978708583556

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 6877

The angle is reset to 89.31385096008488

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 6878

The angle is reset to 89.51969567205943

Energy injection at [3, 4]

The counter is 6879

The angle is reset to 89.66378697044159

Energy injection at [3, 4]

The counter is 6885

The angle is reset to 89.7646508793091

Energy injection at [4, 4]

min\_delta\_val

1.0

e\_pc 4 4

current pc 5 4

loop closure

The counter is 6886

The angle is reset to 89.31025561551637

Energy injection at [4, 4]

min\_delta\_val

0.0

e\_pc 4 4

current pc 4 4

The counter is 6887

The angle is reset to 89.51717893086145

Energy injection at [4, 4]

The counter is 6888

The angle is reset to 89.662025251603

Energy injection at [4, 4]

min\_delta\_val

1.0

e\_pc 5 4

current pc 4 4

The counter is 6889

The angle is reset to 89.7634176761221

Energy injection at [4, 4]

The counter is 6890

The angle is reset to 89.83439237328547

Energy injection at [4, 4]

The counter is 6891

The angle is reset to 89.88407466129982

Energy injection at [4, 4]

The counter is 6892

The angle is reset to 89.91885226290987

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 6893

The angle is reset to 89.94319658403691

Energy injection at [5, 4]

The counter is 6894

The angle is reset to 89.96023760882584

Energy injection at [5, 4]

The counter is 6895

The angle is reset to 89.97216632617807

Energy injection at [5, 4]

The counter is 6896

The angle is reset to 89.98051642832465

Energy injection at [5, 4]

The counter is 6897

The angle is reset to 89.46136149982725

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 6898

The angle is reset to 89.09795304987907

Energy injection at [5, 4]

The counter is 6899

The angle is reset to 89.36856713491534

Energy injection at [5, 4]

The counter is 6900

The angle is reset to 89.55799699444071

Energy injection at [5, 4]

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

The current number of the iteration is 6900

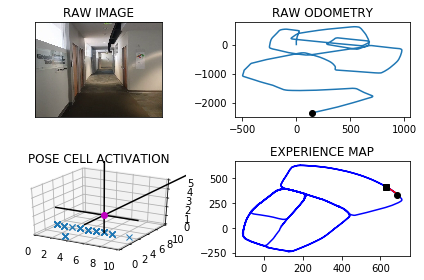
41.9289999008 seconds are elapsed per 100 frames.

The number of units of the VT is 2054

The number of units of the experience map is 2187

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



The counter is 6903

The angle is reset to 89.69059789610851

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 5 4

loop closure

The counter is 6904

The angle is reset to 89.78341852727594

Energy injection at [7, 4]

min\_delta\_val

0.0

e\_pc 7 4

current pc 7 4

loop closure

The counter is 6905

The angle is reset to 89.84839296909317

Energy injection at [7, 4]

The counter is 6906

The angle is reset to 89.8938750783652

Energy injection at [7, 4]

The counter is 6907

The angle is reset to 89.92571255485562

Energy injection at [7, 4]

The counter is 6908

The angle is reset to 89.94799878839893

Energy injection at [7, 4]

min\_delta\_val

0.0

e\_pc 7 4

current pc 7 4

The counter is 6909

The angle is reset to 89.43859915187925

Energy injection at [7, 4]

The counter is 6910

The angle is reset to 89.60701940631547

Energy injection at [7, 4]

The counter is 6911

The angle is reset to 89.72491358442083

Energy injection at [7, 4]

min\_delta\_val

0.0

e\_pc 7 4

current pc 7 4

The counter is 6914

The angle is reset to 89.80743950909458

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

loop closure

The counter is 6915

The angle is reset to 89.8652076563662

Energy injection at [8, 4]

The counter is 6916

The angle is reset to 89.90564535945633

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 6917

The angle is reset to 89.40895175161943

Energy injection at [9, 4]

The counter is 6919

The angle is reset to 88.01126622613359

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 6928

The angle is reset to 64.9828863582935

Energy injection at [2, 4]

The counter is 6929

The angle is reset to 55.31302045080545

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 6930

The angle is reset to 50.11911431556382

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 2 4

The counter is 6931

The angle is reset to 43.858380020894664

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

The counter is 6933

The angle is reset to 36.325866014626264

Energy injection at [3, 4]

min\_delta\_val

1.4142135623730951

e\_pc 4 5

current pc 3 4

loop closure

The counter is 6947

The angle is reset to 31.053106210238386

Energy injection at [6, 7]

min\_delta\_val

1.4142135623730951

e\_pc 7 8

current pc 6 7

loop closure

The counter is 6956

The angle is reset to 36.81217434716687

Energy injection at [8, 8]

The counter is 6957

The angle is reset to 39.26852204301681

Energy injection at [8, 8]

The counter is 6958

The angle is reset to 40.987965430111764

Energy injection at [8, 8]

The counter is 6961

The angle is reset to 41.66657580107824

Energy injection at [8, 8]

min\_delta\_val

0.0

e\_pc 8 8

current pc 8 8

loop closure

The counter is 6962

The angle is reset to 42.66660306075477

Energy injection at [8, 8]

The counter is 6970

The angle is reset to 43.366622142528335

Energy injection at [8, 8]

hash collision

The counter is 6971

The angle is reset to 43.85663549976984

Energy injection at [8, 8]

min\_delta\_val

0.0

e\_pc 8 0

current pc 8 8

loop closure

The counter is 6972

The angle is reset to 44.19964484983888

Energy injection at [8, 8]

The counter is 6973

The angle is reset to 44.43975139488722

Energy injection at [8, 8]

The counter is 6974

The angle is reset to 44.60782597642105

Energy injection at [8, 8]

The counter is 6975

The angle is reset to 44.72547818349473

Energy injection at [8, 8]

The counter is 6976

The angle is reset to 44.8078347284463

Energy injection at [8, 0]

min\_delta\_val

1.0

e\_pc 8 0

current pc 8 9

loop closure

The counter is 6977

The angle is reset to 44.86548430991242

Energy injection at [8, 0]

The counter is 6978

The angle is reset to 45.43083901693869

Energy injection at [8, 0]

The counter is 6979

The angle is reset to 45.301587311857084

Energy injection at [8, 0]

The counter is 6980

The angle is reset to 45.211111118299954

Energy injection at [8, 0]

min\_delta\_val

0.0

e\_pc 8 0

current pc 8 0

The counter is 6981

The angle is reset to 45.14777778280997

Energy injection at [8, 0]

The counter is 6982

The angle is reset to 45.10344444796697

Energy injection at [8, 0]

The counter is 6983

The angle is reset to 45.07241111357688

Energy injection at [8, 0]

The counter is 6984

The angle is reset to 45.05068777950381

Energy injection at [8, 0]

The counter is 6985

The angle is reset to 45.035481445652664

Energy injection at [8, 0]

The counter is 6986

The angle is reset to 45.54983701195686

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 8 0

The counter is 6987

The angle is reset to 45.38488590836981

Energy injection at [9, 0]

The counter is 6988

The angle is reset to 45.269420135858866

Energy injection at [9, 0]

The counter is 6989

The angle is reset to 45.188594095101195

Energy injection at [9, 0]

The counter is 6990

The angle is reset to 45.13201586657084

Energy injection at [9, 0]

The counter is 6991

The angle is reset to 45.092411106599585

Energy injection at [9, 0]

The counter is 6992

The angle is reset to 45.064687774619706

Energy injection at [9, 0]

The counter is 6993

The angle is reset to 44.5202814422338

Energy injection at [9, 0]

min\_delta\_val

1.4142135623730951

e\_pc 0 1

current pc 9 0

The counter is 6994

The angle is reset to 44.66419700956365

Energy injection at [9, 0]

The counter is 6995

The angle is reset to 44.76493790669456

Energy injection at [9, 0]

The counter is 6996

The angle is reset to 44.83545653468619

Energy injection at [9, 0]

The counter is 6997

The angle is reset to 44.884819574280336

Energy injection at [9, 0]

The counter is 6998

The angle is reset to 44.91937370199623

Energy injection at [9, 0]

The counter is 6999

The angle is reset to 44.94356159139736

Energy injection at [9, 0]

The counter is 7000

The angle is reset to 44.960493113978146

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

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

The current number of the iteration is 7000

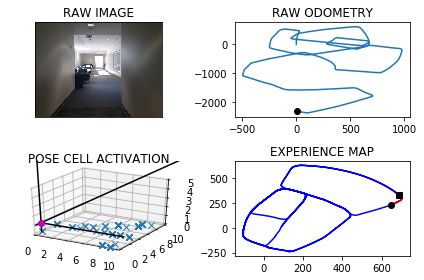
40.5390000343 seconds are elapsed per 100 frames.

The number of units of the VT is 2073

The number of units of the experience map is 2208

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The counter is 7001

The angle is reset to 44.9723451797847

Energy injection at [0, 1]

The counter is 7002

The angle is reset to 44.98064162584929

Energy injection at [0, 1]

The counter is 7003

The angle is reset to 44.98644913809449

Energy injection at [0, 1]

The counter is 7004

The angle is reset to 44.99051439666615

Energy injection at [0, 1]

The counter is 7005

The angle is reset to 44.9933600776663

Energy injection at [1, 1]

min\_delta\_val

1.0

e\_pc 1 1

current pc 1 2

The counter is 7006

The angle is reset to 44.99535205436641

Energy injection at [1, 1]

The counter is 7010

The angle is reset to 44.99674643805648

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 7011

The angle is reset to 44.99772250663953

Energy injection at [1, 1]

The counter is 7012

The angle is reset to 44.99840575464768

Energy injection at [1, 1]

The counter is 7026

The angle is reset to 44.99888402825337

Energy injection at [2, 3]

The counter is 7027

The angle is reset to 44.47421881977736

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 7028

The angle is reset to 44.631953173844146

Energy injection at [2, 3]

The counter is 7029

The angle is reset to 44.7423672216909

Energy injection at [2, 3]

The counter is 7030

The angle is reset to 44.819657055183626

Energy injection at [2, 3]

hash collision

The counter is 7031

The angle is reset to 45.39875993862853

Energy injection at [2, 3]

hash collision

The counter is 7032

The angle is reset to 45.27913195703997

Energy injection at [2, 3]

hash collision

The counter is 7033

The angle is reset to 45.72039236992798

Energy injection at [2, 3]

hash collision

The counter is 7034

The angle is reset to 45.50427465894958

Energy injection at [2, 3]

hash collision

The counter is 7049

The angle is reset to 46.9279922612647

Energy injection at [4, 5]

The counter is 7050

The angle is reset to 46.34959458288529

Energy injection at [4, 5]

min\_delta\_val

1.4142135623730951

e\_pc 5 6

current pc 4 5

loop closure

The counter is 7051

The angle is reset to 45.9447162080197

Energy injection at [4, 5]

The counter is 7054

The angle is reset to 46.186301345613785

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

loop closure

The counter is 7055

The angle is reset to 46.35541094192964

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

The counter is 7056

The angle is reset to 45.94878765935075

Energy injection at [5, 6]

The counter is 7057

The angle is reset to 45.66415136154553

Energy injection at [5, 6]

The counter is 7058

The angle is reset to 45.46490595308187

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 7059

The angle is reset to 45.3254341671573

Energy injection at [6, 7]

The counter is 7060

The angle is reset to 45.22780391701011

Energy injection at [7, 8]

min\_delta\_val

0.0

e\_pc 7 8

current pc 7 8

The counter is 7061

The angle is reset to 45.15946274190708

Energy injection at [7, 8]

The counter is 7062

The angle is reset to 45.11162391933495

Energy injection at [7, 8]

The counter is 7063

The angle is reset to 45.07813674353447

Energy injection at [7, 8]

min\_delta\_val

1.0

e\_pc 8 8

current pc 8 9

The counter is 7064

The angle is reset to 45.05469572047412

Energy injection at [7, 8]

The counter is 7065

The angle is reset to 45.038287004331885

Energy injection at [7, 8]

The counter is 7066

The angle is reset to 45.02680090303232

Energy injection at [7, 8]

The counter is 7069

The angle is reset to 45.54376063212262

Energy injection at [8, 8]

min\_delta\_val

2.0

e\_pc 8 0

current pc 8 8

new experience map with case 2

The counter is 7070

The angle is reset to 45.38063244248583

Energy injection at [8, 8]

The counter is 7071

The angle is reset to 45.26644270974007

Energy injection at [8, 0]

min\_delta\_val

1.0

e\_pc 8 0

current pc 8 9

loop closure

The counter is 7072

The angle is reset to 45.18650989681805

Energy injection at [8, 0]

The counter is 7073

The angle is reset to 45.13055692777264

Energy injection at [8, 0]

The counter is 7074

The angle is reset to 45.091389849440844

Energy injection at [8, 0]

The counter is 7075

The angle is reset to 45.06397289460859

Energy injection at [8, 0]

The counter is 7076

The angle is reset to 45.044781026226005

Energy injection at [0, 0]

The counter is 7077

The angle is reset to 45.03134671835821

Energy injection at [0, 0]

The counter is 7078

The angle is reset to 45.54694270285074

Energy injection at [0, 0]

The counter is 7079

The angle is reset to 45.38285989199551

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

loop closure

The counter is 7080

The angle is reset to 45.268001924396856

Energy injection at [0, 0]

The counter is 7081

The angle is reset to 45.1876013470778

Energy injection at [0, 0]

The counter is 7082

The angle is reset to 45.13132094295446

Energy injection at [0, 1]

min\_delta\_val

1.4142135623730951

e\_pc 1 2

current pc 0 1

The counter is 7083

The angle is reset to 45.09192466006812

Energy injection at [0, 1]

The counter is 7084

The angle is reset to 45.06434726204769

Energy injection at [0, 1]

The counter is 7085

The angle is reset to 45.04504308343338

Energy injection at [0, 1]

The counter is 7086

The angle is reset to 45.031530158403356

Energy injection at [2, 3]

min\_delta\_val

1.4142135623730951

e\_pc 2 3

current pc 1 2

loop closure

The counter is 7087

The angle is reset to 45.54707111088235

Energy injection at [2, 3]

The counter is 7088

The angle is reset to 46.432949777617644

Energy injection at [2, 3]

The counter is 7089

The angle is reset to 46.00306484433235

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

The counter is 7090

The angle is reset to 46.227145391032636

Energy injection at [3, 3]

The counter is 7091

The angle is reset to 45.859001773722845

Energy injection at [3, 3]

The counter is 7092

The angle is reset to 45.60130124160599

Energy injection at [4, 5]

The counter is 7093

The angle is reset to 45.42091086912419

Energy injection at [3, 4]

min\_delta\_val

1.4142135623730951

e\_pc 4 5

current pc 3 4

loop closure

The counter is 7094

The angle is reset to 45.29463760838693

Energy injection at [4, 5]

hash collision

The counter is 7095

The angle is reset to 45.20624632587084

Energy injection at [4, 5]

hash collision

The counter is 7096

The angle is reset to 44.61937242810959

Energy injection at [3, 4]

The counter is 7097

The angle is reset to 44.73356069967671

Energy injection at [3, 4]

The counter is 7098

The angle is reset to 44.8134924897737

Energy injection at [3, 4]

The counter is 7099

The angle is reset to 44.86944474284159

Energy injection at [4, 5]

hash collision

The counter is 7100

The angle is reset to 45.433611319989105

Energy injection at [4, 5]

hash collision

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

The current number of the iteration is 7100

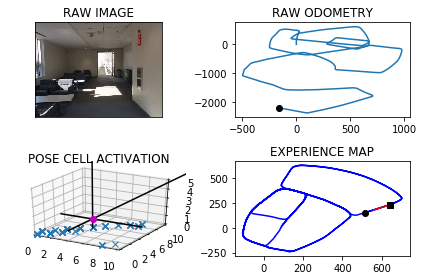
53.3499999046 seconds are elapsed per 100 frames.

The number of units of the VT is 2088

The number of units of the experience map is 2228

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The counter is 7101

The angle is reset to 45.30352792399237

Energy injection at [4, 5]

hash collision

The counter is 7102

The angle is reset to 45.21246954679466

Energy injection at [4, 5]

hash collision

The counter is 7103

The angle is reset to 45.14872868275626

Energy injection at [4, 5]

hash collision

The counter is 7104

The angle is reset to 45.10411007792938

Energy injection at [4, 5]

hash collision

The counter is 7105

The angle is reset to 45.07287705455056

Energy injection at [4, 5]

hash collision

The counter is 7106

The angle is reset to 45.05101393818539

Energy injection at [4, 5]

hash collision

The counter is 7107

The angle is reset to 45.03570975672977

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

loop closure

The counter is 7108

The angle is reset to 45.02499682971084

Energy injection at [5, 6]

The counter is 7109

The angle is reset to 45.017497780797584

Energy injection at [5, 6]

The counter is 7110

The angle is reset to 45.0122484465583

Energy injection at [5, 6]

The counter is 7111

The angle is reset to 45.008573912590805

Energy injection at [5, 6]

The counter is 7112

The angle is reset to 45.006001738813566

Energy injection at [5, 6]

The counter is 7113

The angle is reset to 45.004201217169495

Energy injection at [5, 6]

The counter is 7114

The angle is reset to 45.00294085201865

Energy injection at [6, 7]

min\_delta\_val

1.4142135623730951

e\_pc 7 8

current pc 6 7

The counter is 7120

The angle is reset to 44.47705859641305

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 7121

The angle is reset to 44.63394101748913

Energy injection at [6, 7]

The counter is 7122

The angle is reset to 44.74375871224239

Energy injection at [7, 8]

min\_delta\_val

0.0

e\_pc 7 8

current pc 7 8

The counter is 7123

The angle is reset to 44.82063109856968

Energy injection at [7, 8]

The counter is 7124

The angle is reset to 45.39944176899877

Energy injection at [7, 8]

The counter is 7125

The angle is reset to 45.27960923829914

Energy injection at [7, 8]

The counter is 7126

The angle is reset to 45.19572646680939

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 8

current pc 8 9

The counter is 7127

The angle is reset to 45.13700852676658

Energy injection at [8, 8]

The counter is 7128

The angle is reset to 45.095905968736595

Energy injection at [8, 8]

The counter is 7129

The angle is reset to 45.067134178115616

Energy injection at [8, 8]

The counter is 7130

The angle is reset to 45.04699392468093

Energy injection at [8, 8]

The counter is 7131

The angle is reset to 45.03289574727665

Energy injection at [8, 8]

The counter is 7132

The angle is reset to 45.023027023093654

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 9

current pc 9 9

The counter is 7133

The angle is reset to 45.01611891616556

Energy injection at [8, 8]

The counter is 7134

The angle is reset to 45.011283241315894

Energy injection at [8, 8]

The counter is 7135

The angle is reset to 45.00789826892111

Energy injection at [8, 8]

The counter is 7136

The angle is reset to 45.00552878824479

Energy injection at [8, 8]

The counter is 7137

The angle is reset to 45.003870151771345

Energy injection at [8, 8]

The counter is 7138

The angle is reset to 44.477709106239935

Energy injection at [8, 9]

min\_delta\_val

2.23606797749979

e\_pc 9 0

current pc 8 8

new experience map with case 2

The counter is 7139

The angle is reset to 44.10939637436796

Energy injection at [8, 9]

The counter is 7140

The angle is reset to 43.326577462057564

Energy injection at [8, 9]

The counter is 7141

The angle is reset to 42.77860422344029

Energy injection at [8, 9]

The counter is 7142

The angle is reset to 42.395022956408205

Energy injection at [8, 9]

The counter is 7143

The angle is reset to 41.07651606948575

Energy injection at [8, 9]

The counter is 7144

The angle is reset to 40.15356124864002

Energy injection at [9, 0]

min\_delta\_val

1.4142135623730951

e\_pc 9 0

current pc 8 9

loop closure

The counter is 7145

The angle is reset to 38.45749287404801

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 0

current pc 9 0

The counter is 7146

The angle is reset to 37.27024501183361

Energy injection at [0, 0]

The counter is 7147

The angle is reset to 22.939171508283522

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 7148

The angle is reset to 12.907420055798466

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 1

current pc 0 0

The counter is 7149

The angle is reset to 3.7851940390589256

Energy injection at [0, 0]

The counter is 7150

The angle is reset to 355.82463582734124

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

The counter is 7151

The angle is reset to 352.8772450791389

Energy injection at [0, 2]

The counter is 7152

The angle is reset to 350.8140715553972

Energy injection at [0, 2]

The counter is 7153

The angle is reset to 335.8698500887781

Energy injection at [0, 3]

The counter is 7154

The angle is reset to 326.4588950621447

Energy injection at [0, 3]

The counter is 7155

The angle is reset to 320.39622654350126

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 0 3

current pc 0 4

loop closure

The counter is 7156

The angle is reset to 316.67735858045086

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 0 4

The counter is 7157

The angle is reset to 314.5991510063156

Energy injection at [9, 4]

min\_delta\_val

1.4142135623730951

e\_pc 9 4

current pc 8 4

The counter is 7158

The angle is reset to 314.19440570442083

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

The counter is 7159

The angle is reset to 313.91108399309456

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7160

The angle is reset to 314.2377587951662

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 8 5

current pc 8 6

The counter is 7161

The angle is reset to 314.9914311566163

Energy injection at [8, 5]

min\_delta\_val

1.0

e\_pc 8 5

current pc 8 6

The counter is 7164

The angle is reset to 276.0690018096314

Energy injection at [2, 7]

The counter is 7166

The angle is reset to 287.748301266742

Energy injection at [6, 7]

The counter is 7167

The angle is reset to 295.92381088671937

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 3 5

current pc 6 7

loop closure

The counter is 7169

The angle is reset to 301.64666762070357

Energy injection at [5, 8]

The counter is 7170

The angle is reset to 305.6526673344925

Energy injection at [5, 8]

The counter is 7172

The angle is reset to 308.4568671341447

Energy injection at [4, 9]

min\_delta\_val

1.0

e\_pc 4 9

current pc 4 8

loop closure

The counter is 7174

The angle is reset to 297.96980699390133

Energy injection at [3, 4]

The counter is 7175

The angle is reset to 290.1038648957309

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 7176

The angle is reset to 284.59770542701165

Energy injection at [2, 4]

The counter is 7177

The angle is reset to 280.74339379890813

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 2 4

current pc 1 4

The counter is 7178

The angle is reset to 251.04537565923567

Energy injection at [3, 4]

min\_delta\_val

1.4142135623730951

e\_pc 3 4

current pc 2 4

loop closure

The counter is 7179

The angle is reset to 229.73176296146502

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7180

The angle is reset to 241.81223407302548

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

The counter is 7181

The angle is reset to 223.26856385111785

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7182

The angle is reset to 210.28799469578246

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 201.72659628704773

Energy injection at [3, 4]

The counter is 7184

The angle is reset to 195.20861740093338

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 191.17103218065338

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 188.34472252645736

Energy injection at [3, 3]

The counter is 7188

The angle is reset to 186.36630576852014

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 184.45641403796407

Energy injection at [3, 3]

The counter is 7190

The angle is reset to 183.1194898265749

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 182.18364287860237

Energy injection at [3, 2]

The counter is 7192

The angle is reset to 181.52855001502166

Energy injection at [3, 2]

The counter is 7193

The angle is reset to 181.06998501051515

Energy injection at [3, 2]

The counter is 7194

The angle is reset to 180.74898950736056

Energy injection at [3, 2]

The counter is 7195

The angle is reset to 180.5242926551524

Energy injection at [3, 2]

The counter is 7196

The angle is reset to 180.89200485860667

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 181.67440340102465

Energy injection at [3, 2]

The counter is 7198

The angle is reset to 181.69708238071723

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 181.7129576665021

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

loop closure

The counter is 7200

The angle is reset to 181.19907036655147

Energy injection at [3, 1]

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The current number of the iteration is 7200

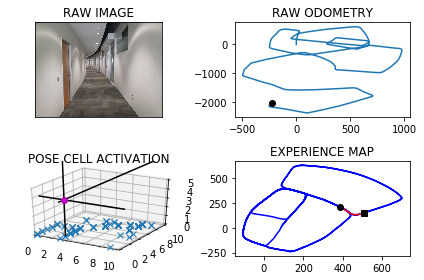
77.7790000439 seconds are elapsed per 100 frames.

The number of units of the VT is 2095

The number of units of the experience map is 2242

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The counter is 7201

The angle is reset to 180.83934925658602

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 7203

The angle is reset to 180.5875444796102

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 180.4112811357271

Energy injection at [3, 1]

The counter is 7205

The angle is reset to 180.28789679500895

Energy injection at [3, 1]

hash collision

The counter is 7206

The angle is reset to 180.20152775650627

Energy injection at [3, 1]

hash collision

The counter is 7207

The angle is reset to 180.1410694295544

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 180.62374860068803

Energy injection at [3, 0]

The counter is 7209

The angle is reset to 180.96162402048162

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 181.19813681433715

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 180.838695770036

Energy injection at [3, 1]

The counter is 7212

The angle is reset to 180.58708703902516

Energy injection at [3, 1]

The counter is 7213

The angle is reset to 180.4109609273176

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 180.2876726491223

Energy injection at [3, 9]

The counter is 7215

The angle is reset to 180.20137085438563

Energy injection at [3, 9]

The counter is 7216

The angle is reset to 180.14095959806994

Energy injection at [3, 9]

The counter is 7217

The angle is reset to 180.09867171864894

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 180.06907020305425

Energy injection at [3, 9]

The counter is 7219

The angle is reset to 180.048349142138

Energy injection at [3, 9]

The counter is 7220

The angle is reset to 180.55884439949656

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 180.9161910796476

Energy injection at [3, 8]

The counter is 7222

The angle is reset to 181.1663337557533

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 180.8164336290273

Energy injection at [3, 8]

The counter is 7224

The angle is reset to 180.5715035403191

Energy injection at [3, 8]

The counter is 7227

The angle is reset to 180.4000524782234

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 180.28003673475635

Energy injection at [3, 7]

The counter is 7229

The angle is reset to 180.19602571432944

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 180.1372180000306

Energy injection at [3, 8]

The counter is 7231

The angle is reset to 180.6210526000214

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 180.95973682001497

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 181.19681577401047

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 180.83777104180731

Energy injection at [3, 6]

The counter is 7235

The angle is reset to 180.58643972926515

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 180.4105078104856

Energy injection at [3, 7]

The counter is 7237

The angle is reset to 180.2873554673399

Energy injection at [3, 7]

The counter is 7238

The angle is reset to 180.20114882713793

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 180.14080417899655

Energy injection at [3, 6]

The counter is 7240

The angle is reset to 180.09856292529759

Energy injection at [3, 6]

The counter is 7241

The angle is reset to 180.06899404770826

Energy injection at [3, 6]

The counter is 7242

The angle is reset to 180.5732958333958

Energy injection at [3, 6]

hash collision

The counter is 7243

The angle is reset to 180.92630708337705

Energy injection at [3, 6]

hash collision

The counter is 7244

The angle is reset to 180.64841495836393

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 180.45389047085476

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 180.31772332959832

Energy injection at [3, 5]

The counter is 7247

The angle is reset to 180.22240633071883

Energy injection at [3, 5]

The counter is 7248

The angle is reset to 180.15568443150318

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

The counter is 7249

The angle is reset to 180.1089791020522

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

loop closure

The counter is 7252

The angle is reset to 180.07628537143654

Energy injection at [3, 1]

The counter is 7255

The angle is reset to 180.57839976000557

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 180.92987983200388

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 7257

The angle is reset to 181.1759158824027

Energy injection at [3, 0]

The counter is 7258

The angle is reset to 180.82314111768193

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

The counter is 7259

The angle is reset to 180.5761987823773

Energy injection at [3, 0]

The counter is 7260

The angle is reset to 180.40333914766413

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 180.28233740336486

Energy injection at [3, 0]

The counter is 7262

The angle is reset to 180.1976361823554

Energy injection at [3, 0]

hash collision

The counter is 7263

The angle is reset to 180.13834532764878

Energy injection at [3, 0]

hash collision

The counter is 7267

The angle is reset to 180.09684172935414

Energy injection at [3, 6]

The counter is 7268

The angle is reset to 180.0677892105479

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 7269

The angle is reset to 180.0474524473835

Energy injection at [3, 6]

The counter is 7272

The angle is reset to 179.50821671316845

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 7273

The angle is reset to 179.65575169921792

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 7274

The angle is reset to 179.75902618945253

Energy injection at [3, 5]

The counter is 7275

The angle is reset to 179.83131833261677

Energy injection at [3, 5]

The counter is 7276

The angle is reset to 179.88192283283175

Energy injection at [3, 5]

The counter is 7277

The angle is reset to 179.91734598298223

Energy injection at [3, 0]

The counter is 7297

The angle is reset to 182.56714218808756

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 7298

The angle is reset to 181.79699953166127

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7299

The angle is reset to 181.25789967216286

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7300

The angle is reset to 180.88052977051402

Energy injection at [3, 0]

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

The current number of the iteration is 7300

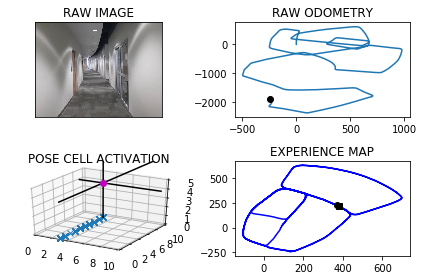
68.3080000877 seconds are elapsed per 100 frames.

The number of units of the VT is 2110

The number of units of the experience map is 2262

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The counter is 7303

The angle is reset to 181.66637083935981

Energy injection at [3, 2]

The counter is 7304

The angle is reset to 181.16645958755186

Energy injection at [3, 2]

The counter is 7305

The angle is reset to 180.8165217112863

Energy injection at [3, 1]

The counter is 7306

The angle is reset to 180.57156519790038

Energy injection at [3, 1]

The counter is 7309

The angle is reset to 180.40009563853025

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 7310

The angle is reset to 180.28006694697117

Energy injection at [3, 0]

The counter is 7311

The angle is reset to 180.1960468628798

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

The counter is 7312

The angle is reset to 181.18723280401585

Energy injection at [3, 9]

The counter is 7313

The angle is reset to 180.83106296281107

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 9

The counter is 7314

The angle is reset to 180.5817440739677

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

The counter is 7315

The angle is reset to 180.4072208517774

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

loop closure

The counter is 7316

The angle is reset to 180.28505459624415

Energy injection at [3, 8]

The counter is 7317

The angle is reset to 180.1995382173709

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

loop closure

The counter is 7318

The angle is reset to 180.13967675215963

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 7319

The angle is reset to 180.09777372651175

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 3 7

The counter is 7320

The angle is reset to 180.0684416085582

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7321

The angle is reset to 180.04790912599074

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7322

The angle is reset to 180.0335363881935

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7323

The angle is reset to 180.02347547173545

Energy injection at [3, 7]

The counter is 7324

The angle is reset to 180.0164328302148

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 7325

The angle is reset to 180.53650298115033

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 7326

The angle is reset to 180.90055208680522

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 7329

The angle is reset to 180.63038646076367

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 7330

The angle is reset to 180.44127052253455

Energy injection at [3, 5]

The counter is 7331

The angle is reset to 180.30888936577418

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

The counter is 7332

The angle is reset to 180.2162225560419

Energy injection at [3, 5]

The counter is 7333

The angle is reset to 180.15135578922934

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 5

The counter is 7334

The angle is reset to 180.10594905246055

Energy injection at [3, 5]

The counter is 7335

The angle is reset to 180.59916433672237

Energy injection at [3, 5]

The counter is 7336

The angle is reset to 180.41941503570564

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7337

The angle is reset to 180.29359052499393

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7338

The angle is reset to 180.20551336749574

Energy injection at [3, 4]

The counter is 7339

The angle is reset to 180.14385935724698

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 4

loop closure

The counter is 7342

The angle is reset to 180.10070155007293

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 7349

The angle is reset to 181.12049108505104

Energy injection at [3, 1]

The counter is 7350

The angle is reset to 180.78434375953574

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 0

loop closure

The counter is 7351

The angle is reset to 180.549040631675

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

The counter is 7352

The angle is reset to 180.38432844217246

Energy injection at [3, 1]

The counter is 7353

The angle is reset to 180.26902990952075

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 1

loop closure

The counter is 7358

The angle is reset to 180.7133209366645

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 7361

The angle is reset to 180.49932465566513

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 7365

The angle is reset to 180.3495272589656

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

loop closure

The counter is 7366

The angle is reset to 180.24466908127587

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 7367

The angle is reset to 180.17126835689314

Energy injection at [3, 9]

The counter is 7368

The angle is reset to 180.11988784982515

Energy injection at [3, 9]

The counter is 7369

The angle is reset to 180.0839214948776

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7370

The angle is reset to 180.58374504641432

Energy injection at [3, 0]

The counter is 7371

The angle is reset to 180.40862153249

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

The counter is 7372

The angle is reset to 180.286035072743

Energy injection at [3, 9]

The counter is 7373

The angle is reset to 180.20022455092007

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 8

The counter is 7374

The angle is reset to 180.14015718564406

Energy injection at [3, 9]

The counter is 7375

The angle is reset to 180.09811002995085

Energy injection at [3, 9]

The counter is 7376

The angle is reset to 180.06867702096554

Energy injection at [3, 9]

The counter is 7377

The angle is reset to 180.04807391467588

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7378

The angle is reset to 180.5586517402731

Energy injection at [3, 9]

The counter is 7379

The angle is reset to 180.91605621819116

Energy injection at [3, 9]

The counter is 7380

The angle is reset to 181.1662393527338

Energy injection at [3, 9]

The counter is 7381

The angle is reset to 180.81636754691368

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7382

The angle is reset to 180.57145728283956

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 7383

The angle is reset to 180.4000200979877

Energy injection at [3, 8]

The counter is 7384

The angle is reset to 180.28001406859136

Energy injection at [3, 8]

The counter is 7385

The angle is reset to 180.19600984801397

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 7386

The angle is reset to 179.61220689360977

Energy injection at [3, 8]

The counter is 7387

The angle is reset to 179.72854482552682

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7388

The angle is reset to 179.80998137786878

Energy injection at [3, 7]

The counter is 7389

The angle is reset to 179.86698696450813

Energy injection at [3, 7]

The counter is 7390

The angle is reset to 179.90689087515568

Energy injection at [3, 7]

The counter is 7391

The angle is reset to 179.93482361260897

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

loop closure

The counter is 7394

The angle is reset to 181.00437652882627

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 6

loop closure

The counter is 7395

The angle is reset to 180.7030635701784

Energy injection at [3, 7]

The counter is 7399

The angle is reset to 179.96714449912486

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

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The current number of the iteration is 7400

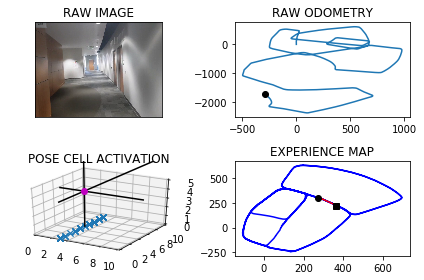
74.379999876 seconds are elapsed per 100 frames.

The number of units of the VT is 2128

The number of units of the experience map is 2283

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The counter is 7406

The angle is reset to 181.5520011493874

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 7407

The angle is reset to 181.08640080457116

Energy injection at [3, 5]

The counter is 7408

The angle is reset to 180.7604805631998

Energy injection at [3, 5]

The counter is 7409

The angle is reset to 180.53233639423988

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 7410

The angle is reset to 180.3726354759679

Energy injection at [3, 4]

The counter is 7411

The angle is reset to 180.26084483317754

Energy injection at [3, 4]

The counter is 7412

The angle is reset to 180.18259138322426

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 7413

The angle is reset to 180.127813968257

Energy injection at [3, 4]

The counter is 7414

The angle is reset to 180.61446977777987

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

The counter is 7415

The angle is reset to 180.4301288444459

Energy injection at [3, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 3 3

The counter is 7416

The angle is reset to 180.30109019111214

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7417

The angle is reset to 180.2107631337785

Energy injection at [3, 4]

hash collision

The counter is 7420

The angle is reset to 180.6725341936449

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 7421

The angle is reset to 180.47077393555142

Energy injection at [3, 3]

The counter is 7422

The angle is reset to 180.329541754886

Energy injection at [3, 3]

The counter is 7423

The angle is reset to 180.2306792284202

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 3 2

The counter is 7424

The angle is reset to 180.68647545989413

Energy injection at [3, 3]

The counter is 7425

The angle is reset to 180.4805328219259

Energy injection at [3, 3]

The counter is 7426

The angle is reset to 180.33637297534807

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7427

The angle is reset to 180.23546108274365

Energy injection at [3, 3]

The counter is 7428

The angle is reset to 180.16482275792055

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 3

The counter is 7429

The angle is reset to 180.11537593054436

Energy injection at [3, 2]

The counter is 7430

The angle is reset to 180.08076315138106

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7431

The angle is reset to 180.05653420596673

Energy injection at [3, 2]

The counter is 7432

The angle is reset to 179.51457394417668

Energy injection at [3, 2]

The counter is 7433

The angle is reset to 179.66020176092368

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 7434

The angle is reset to 179.76214123264657

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7435

The angle is reset to 179.8334988628526

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 7436

The angle is reset to 179.8834492039968

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 7437

The angle is reset to 180.44341444279775

Energy injection at [3, 2]

The counter is 7438

The angle is reset to 180.3103901099584

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 7439

The angle is reset to 180.21727307697088

Energy injection at [3, 2]

The counter is 7440

The angle is reset to 180.1520911538796

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 2

The counter is 7441

The angle is reset to 180.10646380771573

Energy injection at [3, 1]

The counter is 7442

The angle is reset to 180.074524665401

Energy injection at [3, 1]

The counter is 7443

The angle is reset to 180.0521672657807

Energy injection at [3, 0]

min\_delta\_val

0.0

e\_pc 3 0

current pc 3 0

The counter is 7444

The angle is reset to 180.03651708604647

Energy injection at [3, 0]

The counter is 7445

The angle is reset to 180.02556196023252

Energy injection at [3, 0]

The counter is 7446

The angle is reset to 180.01789337216275

Energy injection at [3, 0]

The counter is 7447

The angle is reset to 180.01252536051393

Energy injection at [3, 0]

The counter is 7448

The angle is reset to 180.00876775235974

Energy injection at [3, 0]

The counter is 7449

The angle is reset to 180.00613742665183

Energy injection at [3, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 3 9

loop closure

The counter is 7450

The angle is reset to 180.00429619865628

Energy injection at [3, 0]

The counter is 7451

The angle is reset to 180.00300733905937

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7452

The angle is reset to 180.00210513734154

Energy injection at [3, 9]

The counter is 7453

The angle is reset to 180.00147359613908

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7454

The angle is reset to 180.00103151729738

Energy injection at [3, 9]

The counter is 7455

The angle is reset to 180.00072206210814

Energy injection at [3, 8]

hash collision

The counter is 7456

The angle is reset to 180.0005054434757

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

The counter is 7457

The angle is reset to 180.000353810433

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 3 8

current pc 3 8

loop closure

The counter is 7458

The angle is reset to 180.00024766730309

Energy injection at [3, 8]

The counter is 7459

The angle is reset to 180.00017336711215

Energy injection at [3, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 3 8

loop closure

The counter is 7460

The angle is reset to 180.00012135697847

Energy injection at [3, 7]

The counter is 7461

The angle is reset to 180.00008494988492

Energy injection at [3, 7]

The counter is 7462

The angle is reset to 180.00005946491942

Energy injection at [3, 7]

min\_delta\_val

0.0

e\_pc 3 7

current pc 3 7

The counter is 7465

The angle is reset to 180.00004162544357

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 7466

The angle is reset to 172.6500291378105

Energy injection at [3, 6]

The counter is 7467

The angle is reset to 174.85502039646732

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

The counter is 7468

The angle is reset to 176.39851427752714

Energy injection at [3, 6]

The counter is 7469

The angle is reset to 177.478959994269

Energy injection at [3, 6]

The counter is 7470

The angle is reset to 178.7602719959883

Energy injection at [3, 6]

The counter is 7471

The angle is reset to 179.65719039719178

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 7472

The angle is reset to 179.76003327803426

Energy injection at [3, 6]

The counter is 7473

The angle is reset to 179.83202329462398

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

The counter is 7474

The angle is reset to 179.88241630623676

Energy injection at [3, 5]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 4

The counter is 7475

The angle is reset to 179.91769141436572

Energy injection at [3, 5]

The counter is 7476

The angle is reset to 179.942383990056

Energy injection at [3, 5]

The counter is 7477

The angle is reset to 179.95966879303919

Energy injection at [3, 5]

The counter is 7478

The angle is reset to 179.97176815512742

Energy injection at [3, 5]

The counter is 7479

The angle is reset to 179.9802377085892

Energy injection at [3, 5]

The counter is 7480

The angle is reset to 179.98616639601244

Energy injection at [3, 4]

hash collision

The counter is 7481

The angle is reset to 179.9903164772087

Energy injection at [3, 4]

hash collision

The counter is 7482

The angle is reset to 194.01822153404606

Energy injection at [5, 7]

min\_delta\_val

3.605551275463989

e\_pc 5 7

current pc 3 4

new experience map with case 2

The counter is 7483

The angle is reset to 190.33775507383223

Energy injection at [3, 4]

hash collision

The counter is 7484

The angle is reset to 187.76142855168257

Energy injection at [3, 4]

hash collision

The counter is 7485

The angle is reset to 185.4329999861778

Energy injection at [3, 4]

hash collision

The counter is 7486

The angle is reset to 183.27809999032445

Energy injection at [3, 4]

hash collision

The counter is 7487

The angle is reset to 182.2946699932271

Energy injection at [3, 4]

hash collision

The counter is 7488

The angle is reset to 181.08126899525897

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 7489

The angle is reset to 180.75688829668124

Energy injection at [3, 4]

The counter is 7490

The angle is reset to 180.52982180767688

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

loop closure

The counter is 7491

The angle is reset to 180.3708752653738

Energy injection at [3, 4]

The counter is 7492

The angle is reset to 180.25961268576165

Energy injection at [3, 4]

The counter is 7493

The angle is reset to 180.18172888003315

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7494

The angle is reset to 180.65221021602318

Energy injection at [3, 3]

The counter is 7495

The angle is reset to 193.95654715121623

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

The counter is 7496

The angle is reset to 203.26958300585136

Energy injection at [3, 6]

The counter is 7497

The angle is reset to 209.78870810409592

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 7498

The angle is reset to 214.35209567286716

Energy injection at [3, 6]

The counter is 7499

The angle is reset to 204.04646697100696

Energy injection at [3, 5]

hash collision

The counter is 7500

The angle is reset to 210.33252687970486

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 6

current pc 3 5

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

The current number of the iteration is 7500

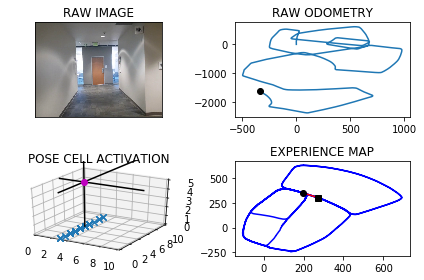
90.3410000801 seconds are elapsed per 100 frames.

The number of units of the VT is 2131

The number of units of the experience map is 2288

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



The counter is 7501

The angle is reset to 214.7327688157934

Energy injection at [3, 6]

The counter is 7502

The angle is reset to 217.81293817105538

Energy injection at [3, 6]

The counter is 7505

The angle is reset to 220.49405671973872

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 222.37083970381713

Energy injection at [3, 6]

hash collision

The counter is 7507

The angle is reset to 223.68458779267195

Energy injection at [3, 6]

hash collision

The counter is 7508

The angle is reset to 224.07921145487035

Energy injection at [3, 6]

hash collision

The counter is 7509

The angle is reset to 224.35544801840925

Energy injection at [2, 5]

counter 7509

multiple peak # >2

[2L, 2L, 3L] [5L, 6L, 6L]

hash collision

The counter is 7510

The angle is reset to 224.54881361288648

Energy injection at [2, 5]

hash collision

The counter is 7511

The angle is reset to 224.68416952902052

Energy injection at [2, 5]

hash collision

The counter is 7512

The angle is reset to 224.77891867031434

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

loop closure

The counter is 7513

The angle is reset to 224.84524306922006

Energy injection at [2, 5]

The counter is 7514

The angle is reset to 224.89167014845404

Energy injection at [2, 5]

The counter is 7517

The angle is reset to 225.4491691039178

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 225.31441837274244

Energy injection at [2, 5]

The counter is 7519

The angle is reset to 225.2200928609197

Energy injection at [1, 4]

The counter is 7522

The angle is reset to 225.1540650026438

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 224.58284550185064

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 0 4

current pc 1 4

loop closure

The counter is 7524

The angle is reset to 224.70799185129545

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 1 3

current pc 1 4

loop closure

The counter is 7525

The angle is reset to 224.7955942959068

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 1 4

The counter is 7528

The angle is reset to 225.90691600713475

Energy injection at [0, 3]

The counter is 7529

The angle is reset to 226.1598412049943

Energy injection at [0, 3]

The counter is 7530

The angle is reset to 226.33688884349598

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 7531

The angle is reset to 225.9358221904472

Energy injection at [0, 3]

The counter is 7532

The angle is reset to 226.18007553331304

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 0 3

The counter is 7537

The angle is reset to 225.8260528733191

Energy injection at [8, 1]

hash collision

The counter is 7538

The angle is reset to 225.57823701132338

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 225.40476590792633

Energy injection at [8, 1]

The counter is 7540

The angle is reset to 225.28333613554844

Energy injection at [8, 1]

The counter is 7541

The angle is reset to 225.1983352948839

Energy injection at [9, 2]

counter 7541

multiple peak # >2

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

min\_delta\_val

1.4142135623730951

e\_pc 9 2

current pc 8 1

loop closure

The counter is 7542

The angle is reset to 225.1388347064187

Energy injection at [9, 2]

The counter is 7543

The angle is reset to 225.0971842944931

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 225.06802900614517

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 7 1

The counter is 7545

The angle is reset to 224.5226203043016

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 7 0

current pc 7 1

The counter is 7546

The angle is reset to 224.6658342130111

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 0

The counter is 7547

The angle is reset to 224.76608394910775

Energy injection at [8, 1]

The counter is 7548

The angle is reset to 225.36125876437544

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 7549

The angle is reset to 239.27788113506276

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 7 0

The counter is 7550

The angle is reset to 249.01951679454393

Energy injection at [6, 0]

The counter is 7551

The angle is reset to 255.83866175618073

Energy injection at [5, 0]

hash collision

The counter is 7552

The angle is reset to 260.6120632293265

Energy injection at [5, 0]

The counter is 7553

The angle is reset to 263.95344426052856

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

max\_exp 5

The counter is 7554

The angle is reset to 272.5924109823699

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

The counter is 7555

The angle is reset to 272.33968768765897

Energy injection at [4, 0]

The counter is 7556

The angle is reset to 273.73778138136123

Energy injection at [4, 0]

The counter is 7557

The angle is reset to 274.19144696695287

Energy injection at [4, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 4 0

The counter is 7558

The angle is reset to 275.034012876867

Energy injection at [4, 0]

The counter is 7559

The angle is reset to 277.19880901380685

Energy injection at [4, 0]

The counter is 7560

The angle is reset to 279.23916630966477

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

over

The counter is 7563

The angle is reset to 290.64241641676523

Energy injection at [2, 0]

The counter is 7564

The angle is reset to 289.17469149173564

Energy injection at [2, 0]

min\_delta\_val

0.0

e\_pc 1 0

current pc 1 0

loop closure

The counter is 7565

The angle is reset to 288.1472840442149

Energy injection at [1, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 7566

The angle is reset to 299.8780988309504

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 7567

The angle is reset to 307.5646691816653

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 1

current pc 0 0

The counter is 7568

The angle is reset to 312.42026842716575

Energy injection at [0, 1]

The counter is 7571

The angle is reset to 317.394187899016

Energy injection at [0, 1]

min\_delta\_val

1.0

e\_pc 0 2

current pc 0 1

loop closure

The counter is 7574

The angle is reset to 317.2009315293112

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 7575

The angle is reset to 316.54065207051787

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 8 2

current pc 0 2

The counter is 7576

The angle is reset to 316.0784564493625

Energy injection at [0, 2]

The counter is 7577

The angle is reset to 316.27991951455374

Energy injection at [8, 2]

The counter is 7578

The angle is reset to 316.4209436601876

Energy injection at [0, 3]

The counter is 7579

The angle is reset to 330.0196605621314

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 7580

The angle is reset to 339.538762393492

Energy injection at [0, 3]

The counter is 7581

The angle is reset to 346.2021336754444

Energy injection at [0, 3]

The counter is 7582

The angle is reset to 336.8414935728111

Energy injection at [0, 3]

The counter is 7583

The angle is reset to 329.76404550096777

Energy injection at [0, 3]

The counter is 7584

The angle is reset to 325.33483185067746

Energy injection at [8, 4]

counter 7584

multiple peak # >2

[7L, 8L, 8L] [5L, 4L, 5L]

The counter is 7585

The angle is reset to 322.2343822954742

Energy injection at [8, 4]

The counter is 7586

The angle is reset to 320.0640676068319

Energy injection at [8, 4]

The counter is 7587

The angle is reset to 318.5448473247823

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

loop closure

The counter is 7588

The angle is reset to 330.98139312734753

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 8

current pc 8 4

The counter is 7589

The angle is reset to 339.68697518914325

Energy injection at [9, 7]

The counter is 7590

The angle is reset to 345.7808826324003

Energy injection at [9, 7]

The counter is 7591

The angle is reset to 350.57161784268015

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 7592

The angle is reset to 353.92513248987615

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 7593

The angle is reset to 355.74759274291324

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 357.02331492003924

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 7595

The angle is reset to 356.8663204440275

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 7596

The angle is reset to 356.75642431081917

Energy injection at [9, 8]

The counter is 7597

The angle is reset to 357.20449701757343

Energy injection at [9, 8]

The counter is 7598

The angle is reset to 358.0431479123014

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 358.630203538611

Energy injection at [9, 8]

The counter is 7600

The angle is reset to 359.0411424770277

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 current number of the iteration is 7600

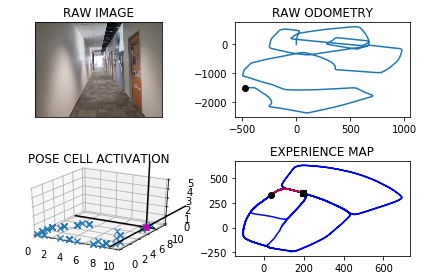
91.1689999104 seconds are elapsed per 100 frames.

The number of units of the VT is 2142

The number of units of the experience map is 2310

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The counter is 7601

The angle is reset to 359.3287997339193

Energy injection at [9, 8]

The counter is 7602

The angle is reset to 359.5301598137435

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 7603

The angle is reset to 0.19611186962046148

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 7604

The angle is reset to 0.13727830873432303

Energy injection at [9, 9]

The counter is 7605

The angle is reset to 0.09609481611402612

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 0.06726637127981829

Energy injection at [9, 1]

The counter is 7607

The angle is reset to 0.047086459895872804

Energy injection at [9, 1]

The counter is 7608

The angle is reset to 359.5079605219271

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 0

loop closure

The counter is 7609

The angle is reset to 359.13057236534894

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7610

The angle is reset to 359.39140065574423

Energy injection at [9, 0]

The counter is 7613

The angle is reset to 359.5739804590209

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 7614

The angle is reset to 0.2267863213146662

Energy injection at [9, 1]

The counter is 7615

The angle is reset to 0.6837504249202663

Energy injection at [9, 1]

The counter is 7616

The angle is reset to 0.47862529744418636

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 7617

The angle is reset to 0.33503770821093043

Energy injection at [9, 1]

The counter is 7618

The angle is reset to 0.2345263957476513

Energy injection at [9, 1]

The counter is 7619

The angle is reset to 0.16416847702335594

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 7620

The angle is reset to 359.58991793391635

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 7622

The angle is reset to 359.71294255374136

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 7623

The angle is reset to 359.79905978761894

Energy injection at [9, 2]

The counter is 7624

The angle is reset to 359.8593418513332

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 7625

The angle is reset to 359.9015392959332

Energy injection at [9, 3]

The counter is 7626

The angle is reset to 359.93107750715325

Energy injection at [9, 3]

The counter is 7627

The angle is reset to 359.9517542550073

Energy injection at [9, 3]

The counter is 7628

The angle is reset to 359.441227978505

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 7629

The angle is reset to 359.0838595849535

Energy injection at [9, 3]

The counter is 7630

The angle is reset to 359.3587017094674

Energy injection at [9, 3]

The counter is 7631

The angle is reset to 359.55109119662717

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 7632

The angle is reset to 359.685763837639

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

loop closure

The counter is 7633

The angle is reset to 359.78003468634734

Energy injection at [9, 5]

The counter is 7634

The angle is reset to 0.37102428044311964

Energy injection at [9, 5]

The counter is 7635

The angle is reset to 0.7847169963101838

Energy injection at [9, 5]

min\_delta\_val

2.0

e\_pc 9 4

current pc 9 6

new experience map with case 2

The counter is 7636

The angle is reset to 1.0743018974171286

Energy injection at [9, 5]

The counter is 7637

The angle is reset to 1.2770113281919897

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 7638

The angle is reset to 1.4189079297343927

Energy injection at [9, 5]

The counter is 7639

The angle is reset to 1.518235550814075

Energy injection at [9, 5]

The counter is 7642

The angle is reset to 1.0627648855698526

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 0.7439354198988968

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 0.5207547939292276

Energy injection at [9, 6]

The counter is 7645

The angle is reset to 0.36452835575045933

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 0.2551698490253215

Energy injection at [9, 7]

The counter is 7647

The angle is reset to 0.17861889431772504

Energy injection at [9, 6]

The counter is 7648

The angle is reset to 0.6500332260224075

Energy injection at [9, 6]

The counter is 7649

The angle is reset to 0.45502325821568523

Energy injection at [9, 6]

The counter is 7650

The angle is reset to 0.3185162807509796

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 0.22296139652568575

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 0.15607297756798

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 359.5842510842976

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 358.65897575900834

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 359.0612830313058

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 359.342898121914

Energy injection at [9, 8]

The counter is 7661

The angle is reset to 359.5400286853398

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 359.67802007973785

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 358.7246140558165

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 359.63222983907156

Energy injection at [9, 1]

The counter is 7696

The angle is reset to 1.8425608873500892

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 0.7647926211450624

Energy injection at [9, 7]

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The current number of the iteration is 7700

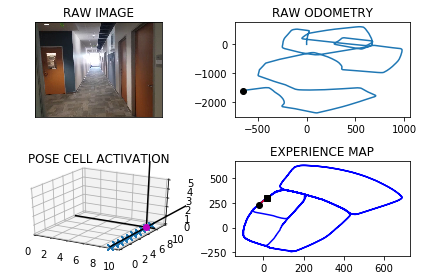
61.7100000381 seconds are elapsed per 100 frames.

The number of units of the VT is 2165

The number of units of the experience map is 2338

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The counter is 7701

The angle is reset to 0.010354834801543717

Energy injection at [9, 6]

The counter is 7702

The angle is reset to 0.007248384361080603

Energy injection at [9, 6]

The counter is 7703

The angle is reset to 0.005073869052756422

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 0.5285517083369294

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 1.4199861958358506

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 1.5189903370850952

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 1.0632932359595666

Energy injection at [9, 7]

The counter is 7708

The angle is reset to 1.2693052651716963

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 0.8885136856201875

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 0.09695957993413122

Energy injection at [9, 9]

The counter is 7714

The angle is reset to 0.06787170595389184

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 0.047510194167724284

Energy injection at [9, 0]

The counter is 7716

The angle is reset to 0.558257135917407

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 7717

The angle is reset to 0.9157799951421849

Energy injection at [9, 0]

The counter is 7718

The angle is reset to 1.1660459965995293

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 7719

The angle is reset to 0.8162321976196705

Energy injection at [9, 0]

The counter is 7721

The angle is reset to 0.046362538333769354

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 359.50745377683364

Energy injection at [9, 0]

The counter is 7723

The angle is reset to 359.1302176437835

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 359.3911523506484

Energy injection at [9, 2]

The counter is 7729

The angle is reset to 0.098806645453905

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 0.5941646518177335

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 0.4159152562724134

Energy injection at [9, 2]

The counter is 7732

The angle is reset to 0.2911406793906894

Energy injection at [9, 2]

The counter is 7733

The angle is reset to 0.20379847557348252

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 0.14265893290143777

Energy injection at [9, 3]

The counter is 7735

The angle is reset to 0.09986125303100643

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 0.0699028771217045

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 0.5739320139851931

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 0.9267524097896352

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 1.1737266868527443

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 1.346608680796921

Energy injection at [9, 4]

The counter is 7743

The angle is reset to 1.4676260765578446

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 1.0273382535904911

Energy injection at [9, 5]

The counter is 7745

The angle is reset to 0.19413677751334388

Energy injection at [9, 5]

The counter is 7746

The angle is reset to 359.6108957442593

Energy injection at [9, 5]

The counter is 7747

The angle is reset to 359.7276270209815

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 359.80933891468703

Energy injection at [9, 6]

The counter is 7749

The angle is reset to 0.3915372402809445

Energy injection at [9, 6]

The counter is 7750

The angle is reset to 0.7990760681966611

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 1.0843532477376627

Energy injection at [9, 7]

The counter is 7752

The angle is reset to 1.2840472734163637

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 0.8988330913914546

Energy injection at [9, 8]

The counter is 7754

The angle is reset to 0.6291831639740182

Energy injection at [9, 8]

The counter is 7756

The angle is reset to 359.91542821478185

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 359.4157997503473

Energy injection at [9, 8]

The counter is 7758

The angle is reset to 359.59105982524306

Energy injection at [9, 8]

The counter is 7759

The angle is reset to 359.7137418776701

Energy injection at [9, 9]

hash collision

The counter is 7760

The angle is reset to 359.7996193143691

Energy injection at [9, 9]

hash collision

The counter is 7761

The angle is reset to 359.85973352005834

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 359.90181346404086

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 359.93126942482854

Energy injection at [9, 9]

The counter is 7764

The angle is reset to 359.95188859738

Energy injection at [9, 9]

The counter is 7765

The angle is reset to 359.96632201816595

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 359.97642541271614

Energy injection at [9, 0]

The counter is 7767

The angle is reset to 359.9834977889013

Energy injection at [9, 0]

The counter is 7768

The angle is reset to 359.46344845223086

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 359.6244139165616

Energy injection at [9, 0]

The counter is 7770

The angle is reset to 359.73708974159314

Energy injection at [9, 0]

The counter is 7771

The angle is reset to 359.81596281911516

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 359.8711739733806

Energy injection at [9, 1]

The counter is 7773

The angle is reset to 359.90982178136636

Energy injection at [9, 1]

The counter is 7774

The angle is reset to 359.93687524695645

Energy injection at [9, 1]

The counter is 7775

The angle is reset to 0.4808126728695331

Energy injection at [9, 1]

The counter is 7776

The angle is reset to 0.33656887100867316

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 0.23559820970607123

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 0.16491874679424984

Energy injection at [9, 2]

The counter is 7779

The angle is reset to 0.11544312275597489

Energy injection at [9, 2]

The counter is 7780

The angle is reset to 0.0808101859291824

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 0.05656713015042768

Energy injection at [9, 2]

The counter is 7782

The angle is reset to 0.03959699110529937

Energy injection at [9, 2]

The counter is 7784

The angle is reset to 0.027717893773709555

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 0.5444025256415966

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 0.38108176794911763

Energy injection at [9, 3]

The counter is 7787

The angle is reset to 0.7917572375643821

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 0.5542300662950674

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 0.3879610464065472

Energy injection at [9, 4]

The counter is 7790

The angle is reset to 0.271572732484583

Energy injection at [9, 4]

The counter is 7791

The angle is reset to 0.19010091273920812

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 0.13307063891744567

Energy injection at [9, 5]

The counter is 7793

The angle is reset to 0.09314944724221196

Energy injection at [9, 5]

The counter is 7794

The angle is reset to 0.06520461306954836

Energy injection at [9, 5]

The counter is 7796

The angle is reset to 0.04564322914868385

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 0.031950260404078695

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 0.547365182282855

Energy injection at [9, 6]

The counter is 7799

The angle is reset to 0.3831556275979985

Energy injection at [9, 6]

The counter is 7800

The angle is reset to 0.2682089393185989

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

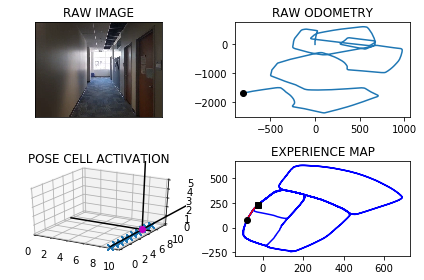
80.493999958 seconds are elapsed per 100 frames.

The number of units of the VT is 2174

The number of units of the experience map is 2351

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



The counter is 7801

The angle is reset to 0.18774625752301924

Energy injection at [9, 7]

The counter is 7802

The angle is reset to 359.6064223802661

Energy injection at [9, 7]

The counter is 7803

The angle is reset to 359.19949566618624

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 359.9646469663304

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 0.5002528764312648

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 0.8751770135018854

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 1.1376239094513196

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 0.7963367366159237

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 0.5574357156311466

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 359.8652050009418

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 359.9056435006592

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 359.953765315323

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 0.49263572072609935

Energy injection at [9, 0]

The counter is 7820

The angle is reset to 0.34484500450826955

Energy injection at [9, 0]

The counter is 7823

The angle is reset to 0.24139150315578867

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]

hash collision

The counter is 7885

The angle is reset to 1.7301729191559405

Energy injection at [9, 2]

hash collision

The counter is 7886

The angle is reset to 2.7861210434091586

Energy injection at [9, 3]

The counter is 7887

The angle is reset to 4.05028473038641

Energy injection at [9, 4]

hash collision

The counter is 7888

The angle is reset to 5.460199311270486

Energy injection at [9, 4]

The counter is 7889

The angle is reset to 8.02213951788934

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

loop closure

The counter is 7890

The angle is reset to 23.315497662522535

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 35.07084836376577

Energy injection at [9, 5]

The counter is 7892

The angle is reset to 42.24959385463604

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 43.07471569824523

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 7894

The angle is reset to 43.65230098877166

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 7895

The angle is reset to 44.05661069214016

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 41.18962748449811

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 36.55773923914868

Energy injection at [9, 5]

The counter is 7898

The angle is reset to 39.09041746740407

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

The counter is 7900

The angle is reset to 45.58829222718285

Energy injection at [0, 6]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

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

The current number of the iteration is 7900

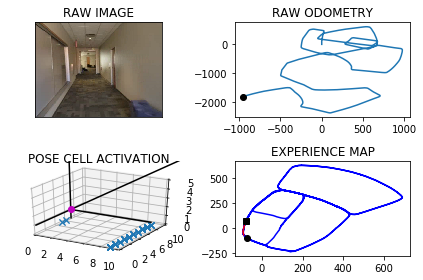
105.70600009 seconds are elapsed per 100 frames.

The number of units of the VT is 2192

The number of units of the experience map is 2374

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



The counter is 7901

The angle is reset to 46.986804559027995

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

The counter is 7902

The angle is reset to 48.490763191319594

Energy injection at [0, 7]

The counter is 7903

The angle is reset to 48.49353423392371

Energy injection at [0, 7]

The counter is 7921

The angle is reset to 46.3954739637466

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 45.97683177462262

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 45.15878224223583

Energy injection at [2, 8]

The counter is 7924

The angle is reset to 45.11114756956508

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 45.07780329869556

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 44.529462309086895

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 44.67062361636082

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 44.76943653145258

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 44.8386055720168

Energy injection at [2, 8]

hash collision

The counter is 7932

The angle is reset to 44.88702390041176

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 7933

The angle is reset to 44.920916730288226

Energy injection at [2, 8]

The counter is 7934

The angle is reset to 44.94464171120176

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7935

The angle is reset to 44.961249197841234

Energy injection at [2, 8]

hash collision

The counter is 7936

The angle is reset to 44.97287443848886

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 44.98101210694221

Energy injection at [3, 9]

The counter is 7938

The angle is reset to 44.98670847485954

Energy injection at [3, 9]

The counter is 7939

The angle is reset to 45.51569593240168

Energy injection at [3, 9]

The counter is 7943

The angle is reset to 45.360987152681176

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

The counter is 7944

The angle is reset to 45.25269100687682

Energy injection at [4, 0]

The counter is 7945

The angle is reset to 44.65188370481377

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

The counter is 7946

The angle is reset to 44.23131859336964

Energy injection at [4, 0]

The counter is 7947

The angle is reset to 44.46192301535875

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 5 0

The counter is 7948

The angle is reset to 44.62334611075113

Energy injection at [5, 1]

The counter is 7951

The angle is reset to 45.261342277525785

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 5 1

current pc 6 2

loop closure

The counter is 7952

The angle is reset to 45.18293959426805

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 2

loop closure

The counter is 7954

The angle is reset to 45.12805771598764

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 45.08964040119134

Energy injection at [5, 1]

The counter is 7956

The angle is reset to 45.062748280833944

Energy injection at [5, 1]

The counter is 7960

The angle is reset to 45.04392379658376

Energy injection at [7, 3]

The counter is 7961

The angle is reset to 45.03074665760863

Energy injection at [7, 3]

The counter is 7962

The angle is reset to 45.02152266032604

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 45.01506586222823

Energy injection at [7, 3]

The counter is 7964

The angle is reset to 45.010546103559754

Energy injection at [7, 3]

The counter is 7965

The angle is reset to 45.007382272491824

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 45.00516759074428

Energy injection at [0, 5]

The counter is 7970

The angle is reset to 45.00361731352099

Energy injection at [0, 5]

The counter is 7971

The angle is reset to 45.00253211946469

Energy injection at [0, 5]

The counter is 7972

The angle is reset to 45.00177248362528

Energy injection at [0, 6]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

loop closure

The counter is 7973

The angle is reset to 45.526240738537695

Energy injection at [0, 6]

The counter is 7974

The angle is reset to 46.418368516976386

Energy injection at [0, 6]

The counter is 7975

The angle is reset to 47.04285796188347

Energy injection at [0, 6]

The counter is 7976

The angle is reset to 47.480000573318435

Energy injection at [0, 6]

The counter is 7980

The angle is reset to 54.6110004013229

Energy injection at [1, 6]

min\_delta\_val

1.0

e\_pc 1 7

current pc 1 6

loop closure

The counter is 7982

The angle is reset to 74.15270028092603

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

The counter is 7983

The angle is reset to 84.15689019664822

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 2 7

The counter is 7984

The angle is reset to 90.63482313765377

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 95.16937619635762

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 98.34356333745033

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 100.56549433621522

Energy injection at [2, 7]

min\_delta\_val

1.0

e\_pc 3 7

current pc 2 7

The counter is 7997

The angle is reset to 122.97084603535065

Energy injection at [4, 7]

The counter is 7998

The angle is reset to 126.57959222474543

Energy injection at [4, 7]

The counter is 8000

The angle is reset to 129.1057145573218

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

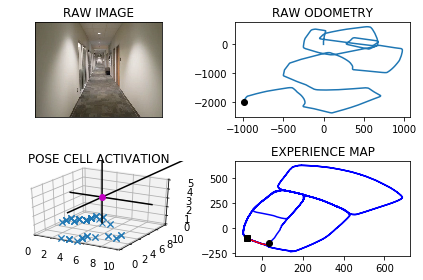
67.0360000134 seconds are elapsed per 100 frames.

The number of units of the VT is 2214

The number of units of the experience map is 2399

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The counter is 8001

The angle is reset to 131.39900019012526

Energy injection at [4, 7]

The counter is 8004

The angle is reset to 133.00430013308767

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 7

current pc 5 6

loop closure

The counter is 8005

The angle is reset to 133.07801009316134

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 6

current pc 5 7

The counter is 8006

The angle is reset to 133.12960706521295

Energy injection at [5, 7]

The counter is 8007

The angle is reset to 133.69072494564904

Energy injection at [5, 6]

min\_delta\_val

0.0

e\_pc 5 6

current pc 5 6

The counter is 8008

The angle is reset to 134.08350746195433

Energy injection at [5, 6]

The counter is 8009

The angle is reset to 134.35845522336803

Energy injection at [5, 6]

The counter is 8010

The angle is reset to 134.5509186563576

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 134.6856430594503

Energy injection at [6, 5]

The counter is 8012

The angle is reset to 134.77995014161522

Energy injection at [7, 5]

min\_delta\_val

0.0

e\_pc 7 5

current pc 7 5

The counter is 8013

The angle is reset to 134.84596509913064

Energy injection at [7, 5]

min\_delta\_val

0.0

e\_pc 7 5

current pc 7 5

The counter is 8014

The angle is reset to 134.89217556939144

Energy injection at [7, 5]

The counter is 8015

The angle is reset to 134.924522898574

Energy injection at [7, 5]

min\_delta\_val

1.0

e\_pc 7 4

current pc 7 5

The counter is 8016

The angle is reset to 134.9471660290018

Energy injection at [7, 5]

The counter is 8017

The angle is reset to 134.96301622030126

Energy injection at [7, 4]

min\_delta\_val

1.0

e\_pc 7 4

current pc 8 4

The counter is 8018

The angle is reset to 134.97411135421086

Energy injection at [7, 4]

The counter is 8022

The angle is reset to 134.9818779479476

Energy injection at [8, 3]

min\_delta\_val

1.4142135623730951

e\_pc 9 2

current pc 8 3

loop closure

The counter is 8027

The angle is reset to 136.03731456356334

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 8028

The angle is reset to 135.7261201944943

Energy injection at [0, 2]

min\_delta\_val

1.0

e\_pc 0 1

current pc 1 1

The counter is 8029

The angle is reset to 135.50828413614602

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 135.3557988953022

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 135.24905922671152

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 135.17434145869805

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 135.12203902108863

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 135.08542731476203

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 135.0597991203334

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 4 8

The counter is 8057

The angle is reset to 135.04185938423336

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 8063

The angle is reset to 136.07930156896336

Energy injection at [6, 5]

The counter is 8068

The angle is reset to 135.7555110982743

Energy injection at [7, 5]

min\_delta\_val

1.4142135623730951

e\_pc 7 5

current pc 8 4

loop closure

The counter is 8069

The angle is reset to 135.528857768792

Energy injection at [7, 5]

counter 8069

multiple peak # >2

[7L, 7L, 8L, 8L] [4L, 5L, 4L, 5L]

min\_delta\_val

1.0

e\_pc 7 5

current pc 7 4

The counter is 8070

The angle is reset to 135.3702004381544

Energy injection at [7, 5]

min\_delta\_val

1.0

e\_pc 7 4

current pc 7 5

The counter is 8073

The angle is reset to 135.25914030670805

Energy injection at [8, 3]

min\_delta\_val

0.0

e\_pc 8 3

current pc 8 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

1.4142135623730951

e\_pc 8 3

current pc 9 2

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 [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 8081

The angle is reset to 135.03048759794387

Energy injection at [9, 3]

The counter is 8082

The angle is reset to 135.0213413185607

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 8084

The angle is reset to 135.01493892299246

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 0 3

loop closure

The counter is 8085

The angle is reset to 135.01045724609475

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 0 3

The counter is 8090

The angle is reset to 133.9573200722663

Energy injection at [0, 2]

The counter is 8091

The angle is reset to 134.2701240505864

Energy injection at [0, 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

1.0

e\_pc 0 1

current pc 0 0

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

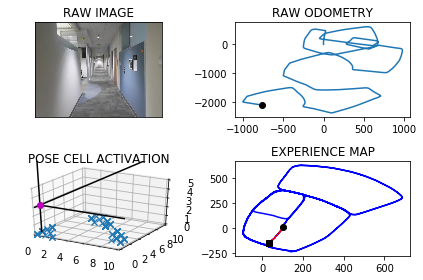
71.5 seconds are elapsed per 100 frames.

The number of units of the VT is 2247

The number of units of the experience map is 2434

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The counter is 8104

The angle is reset to 134.57701963027856

Energy injection at [1, 0]

min\_delta\_val

0.0

e\_pc 1 0

current pc 1 0

loop closure

The counter is 8106

The angle is reset to 135.753913741195

Energy injection at [2, 0]

min\_delta\_val

0.0

e\_pc 2 0

current pc 2 0

loop closure

The counter is 8107

The angle is reset to 135.52773961883648

Energy injection at [2, 0]

min\_delta\_val

1.4142135623730951

e\_pc 2 0

current pc 3 9

The counter is 8108

The angle is reset to 135.36941773318551

Energy injection at [2, 0]

The counter is 8109

The angle is reset to 135.25859241322988

Energy injection at [2, 0]

min\_delta\_val

1.0

e\_pc 2 9

current pc 2 0

The counter is 8110

The angle is reset to 135.18101468926088

Energy injection at [2, 0]

The counter is 8111

The angle is reset to 134.60171028248263

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 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

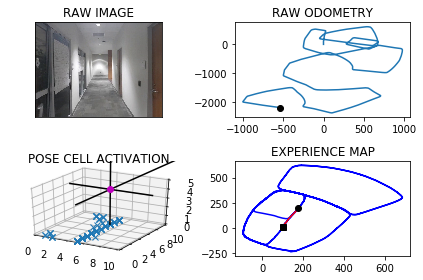
73.0780000687 seconds are elapsed per 100 frames.

The number of units of the VT is 2278

The number of units of the experience map is 2471

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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]

The counter is 8300

The angle is reset to 181.5566687111196

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

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

The current number of the iteration is 8300

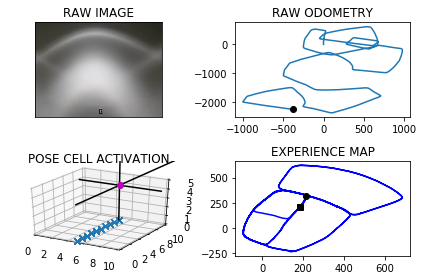
115.983999968 seconds are elapsed per 100 frames.

The number of units of the VT is 2282

The number of units of the experience map is 2477

02/20/19 16:34:16

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The counter is 8301

The angle is reset to 181.61466809778372

Energy injection at [5, 9]

hash collision

The counter is 8302

The angle is reset to 181.1302676684486

Energy injection at [5, 9]

hash collision

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]

The counter is 8309

The angle is reset to 184.33808487764767

Energy injection at [5, 9]

The counter is 8310

The angle is reset to 200.73665941435334

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 227.44066159004734

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8315

The angle is reset to 230.90846311303312

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8316

The angle is reset to 233.33592417912314

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

loop closure

The counter is 8317

The angle is reset to 233.98514692538623

Energy injection at [5, 8]

The counter is 8318

The angle is reset to 233.3896028477704

Energy injection at [3, 6]

The counter is 8319

The angle is reset to 232.44772199343927

Energy injection at [5, 8]

The counter is 8320

The angle is reset to 232.31340539540747

Energy injection at [5, 8]

The counter is 8321

The angle is reset to 231.16938377678522

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8322

The angle is reset to 230.36856864374968

Energy injection at [5, 8]

The counter is 8323

The angle is reset to 229.28299805062474

Energy injection at [5, 7]

hash collision

The counter is 8324

The angle is reset to 228.52309863543732

Energy injection at [5, 8]

hash collision

The counter is 8325

The angle is reset to 227.99116904480607

Energy injection at [5, 8]

hash collision

The counter is 8326

The angle is reset to 228.14381833136423

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 8327

The angle is reset to 227.20067283195496

Energy injection at [4, 7]

The counter is 8328

The angle is reset to 227.06547098236845

Energy injection at [4, 7]

The counter is 8329

The angle is reset to 226.44582968765792

Energy injection at [4, 7]

The counter is 8330

The angle is reset to 226.01208078136054

Energy injection at [4, 7]

The counter is 8331

The angle is reset to 225.7084565469524

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 3 4

current pc 4 7

The counter is 8332

The angle is reset to 224.97091958286663

Energy injection at [4, 7]

The counter is 8333

The angle is reset to 224.97964370800665

Energy injection at [4, 7]

The counter is 8334

The angle is reset to 224.98575059560466

Energy injection at [4, 7]

The counter is 8339

The angle is reset to 224.99002541692323

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 224.99301779184626

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 224.47011245429238

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 224.62907871800465

Energy injection at [3, 6]

The counter is 8350

The angle is reset to 225.79035510260326

Energy injection at [3, 6]

hash collision

The counter is 8351

The angle is reset to 225.55324857182225

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

loop closure

The counter is 8352

The angle is reset to 225.38727400027557

Energy injection at [3, 6]

The counter is 8353

The angle is reset to 224.74609180019286

Energy injection at [3, 6]

The counter is 8354

The angle is reset to 224.822264260135

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 224.87558498209452

Energy injection at [3, 6]

The counter is 8356

The angle is reset to 224.91290948746615

Energy injection at [3, 6]

The counter is 8357

The angle is reset to 224.9390366412263

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 8358

The angle is reset to 224.9573256488584

Energy injection at [1, 4]

The counter is 8359

The angle is reset to 224.97012795420088

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 224.9790895679406

Energy injection at [1, 4]

The counter is 8361

The angle is reset to 224.9853626975584

Energy injection at [1, 4]

hash collision

The counter is 8362

The angle is reset to 225.51475388829084

Energy injection at [1, 4]

hash collision

The counter is 8363

The angle is reset to 225.36032772180363

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 8364

The angle is reset to 225.25222940526248

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 225.17656058368377

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 224.5985924085786

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 224.719014686005

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 1 3

current pc 1 4

loop closure

The counter is 8368

The angle is reset to 224.80331028020348

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

The counter is 8369

The angle is reset to 224.86231719614244

Energy injection at [0, 3]

hash collision

The counter is 8370

The angle is reset to 225.4286220372997

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 8371

The angle is reset to 225.3000354261098

Energy injection at [0, 3]

The counter is 8372

The angle is reset to 225.73502479827684

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 8 1

current pc 0 2

The counter is 8373

The angle is reset to 226.0395173587938

Energy injection at [9, 2]

The counter is 8374

The angle is reset to 226.25266215115565

Energy injection at [0, 3]

counter 8374

multiple peak # >2

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

min\_delta\_val

1.0

e\_pc 9 2

current pc 0 2

The counter is 8375

The angle is reset to 226.40186350580896

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 225.98130445406628

Energy injection at [8, 1]

The counter is 8377

The angle is reset to 225.6869131178464

Energy injection at [8, 1]

hash collision

The counter is 8378

The angle is reset to 225.48083918249247

Energy injection at [8, 1]

hash collision

The counter is 8379

The angle is reset to 225.33658742774472

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 225.2356111994213

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 0

The counter is 8381

The angle is reset to 225.1649278395949

Energy injection at [8, 1]

The counter is 8382

The angle is reset to 225.11544948771643

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 9 2

current pc 8 1

loop closure

The counter is 8383

The angle is reset to 225.0808146414015

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 225.05657024898102

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 7 1

The counter is 8385

The angle is reset to 225.03959917428668

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 7 0

current pc 7 1

The counter is 8386

The angle is reset to 225.0277194220007

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

The counter is 8387

The angle is reset to 238.51940359540046

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 7 0

The counter is 8388

The angle is reset to 234.46358251678032

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 245.1245077617462

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

The counter is 8390

The angle is reset to 253.1121554332223

Energy injection at [6, 0]

The counter is 8391

The angle is reset to 258.70350880325566

Energy injection at [5, 0]

hash collision

The counter is 8392

The angle is reset to 263.14245616227896

Energy injection at [5, 0]

The counter is 8393

The angle is reset to 270.4497193135952

Energy injection at [5, 0]

The counter is 8394

The angle is reset to 271.3648035195166

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

max\_exp 6

The counter is 8395

The angle is reset to 271.48036246366166

Energy injection at [4, 0]

The counter is 8396

The angle is reset to 273.66125372456315

Energy injection at [4, 0]

min\_delta\_val

1.0

e\_pc 4 0

current pc 3 0

The counter is 8397

The angle is reset to 273.61287760719415

Energy injection at [4, 0]

The counter is 8398

The angle is reset to 273.57901432503587

Energy injection at [4, 0]

The counter is 8399

The angle is reset to 274.0803100275251

Energy injection at [4, 0]

The counter is 8400

The angle is reset to 275.48121701926755

Energy injection at [4, 0]

min\_delta\_val

1.0

e\_pc 3 0

current pc 4 0

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

The current number of the iteration is 8400

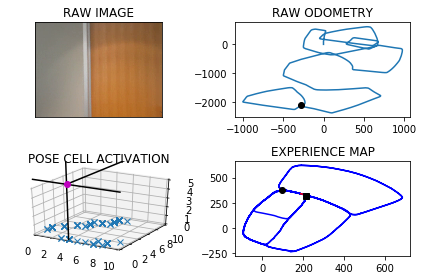
107.666000128 seconds are elapsed per 100 frames.

The number of units of the VT is 2290

The number of units of the experience map is 2488

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The counter is 8401

The angle is reset to 277.51185191348725

Energy injection at [4, 0]

over

over

over

The counter is 8408

The angle is reset to 319.73329633944104

Energy injection at [0, 0]

The counter is 8409

The angle is reset to 322.5133074376087

Energy injection at [0, 1]

min\_delta\_val

0.0

e\_pc 0 1

current pc 0 1

loop closure

The counter is 8420

The angle is reset to 328.6593152063261

Energy injection at [0, 3]

The counter is 8423

The angle is reset to 325.0865206444283

Energy injection at [8, 4]

hash collision

The counter is 8424

The angle is reset to 322.58556445109974

Energy injection at [8, 4]

hash collision

The counter is 8425

The angle is reset to 320.30989511576985

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

loop closure

The counter is 8426

The angle is reset to 318.7169265810389

Energy injection at [8, 4]

The counter is 8431

The angle is reset to 331.1018486067272

Energy injection at [9, 7]

The counter is 8432

The angle is reset to 339.77129402470905

Energy injection at [9, 7]

The counter is 8433

The angle is reset to 345.83990581729626

Energy injection at [9, 7]

The counter is 8434

The angle is reset to 350.0879340721074

Energy injection at [9, 7]

The counter is 8435

The angle is reset to 353.5865538504752

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 355.5105876953326

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 8437

The angle is reset to 356.8574113867328

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 357.275187970713

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

The counter is 8443

The angle is reset to 357.04263157949913

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 8444

The angle is reset to 357.92984210564936

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 358.55088947395456

Energy injection at [9, 1]

The counter is 8446

The angle is reset to 358.9856226317681

Energy injection at [9, 1]

The counter is 8447

The angle is reset to 359.28993584223764

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

The counter is 8448

The angle is reset to 359.50295508956634

Energy injection at [9, 0]

The counter is 8449

The angle is reset to 359.1270685626964

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

The counter is 8450

The angle is reset to 359.3889479938875

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 8451

The angle is reset to 359.5722635957212

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 8452

The angle is reset to 359.70058451700487

Energy injection at [9, 1]

The counter is 8453

The angle is reset to 359.79040916190337

Energy injection at [9, 1]

The counter is 8454

The angle is reset to 359.85328641333234

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 8455

The angle is reset to 359.8973004893326

Energy injection at [9, 1]

The counter is 8456

The angle is reset to 359.9281103425329

Energy injection at [9, 1]

The counter is 8457

The angle is reset to 359.949677239773

Energy injection at [9, 1]

The counter is 8458

The angle is reset to 359.96477406784106

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 8459

The angle is reset to 359.9753418474887

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 2

loop closure

The counter is 8460

The angle is reset to 359.9827392932421

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 8461

The angle is reset to 359.9879175052695

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

The counter is 8462

The angle is reset to 359.99154225368864

Energy injection at [9, 2]

The counter is 8463

The angle is reset to 359.99407957758206

Energy injection at [9, 2]

The counter is 8464

The angle is reset to 359.9958557043074

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 8465

The angle is reset to 359.99709899301513

Energy injection at [9, 3]

The counter is 8466

The angle is reset to 359.9979692951106

Energy injection at [9, 3]

The counter is 8467

The angle is reset to 359.9985785065774

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 4

The counter is 8468

The angle is reset to 359.9990049546042

Energy injection at [9, 3]

The counter is 8469

The angle is reset to 359.9993034682229

Energy injection at [9, 3]

The counter is 8470

The angle is reset to 359.99951242775603

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 8471

The angle is reset to 359.9996586994292

Energy injection at [9, 4]

The counter is 8472

The angle is reset to 359.9997610896004

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 8473

The angle is reset to 359.47483276272027

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 8474

The angle is reset to 359.10738293390415

Energy injection at [9, 4]

The counter is 8475

The angle is reset to 359.3751680537329

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 4

The counter is 8476

The angle is reset to 359.562617637613

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 8477

The angle is reset to 359.69383234632915

Energy injection at [9, 5]

The counter is 8478

The angle is reset to 359.78568264243034

Energy injection at [9, 5]

The counter is 8479

The angle is reset to 0.37497784970125153

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 8480

The angle is reset to 0.7874844947908759

Energy injection at [9, 6]

The counter is 8481

The angle is reset to 1.0762391463536132

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 0.7533674024475292

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 0.5273571817132705

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 0.3691500271992893

Energy injection at [9, 6]

The counter is 8485

The angle is reset to 0.2584050190395025

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 359.65588351332764

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 359.75911845932933

Energy injection at [9, 6]

The counter is 8488

The angle is reset to 359.8313829215305

Energy injection at [9, 6]

hash collision

The counter is 8489

The angle is reset to 359.8819680450714

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 359.91737763155

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 0.4671643420849746

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 0.8520150394594821

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 0.5964105276216375

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 0.4174873693351462

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 0.29224115853460225

Energy injection at [9, 8]

hash collision

The counter is 8496

The angle is reset to 0.20456881097422158

Energy injection at [9, 8]

hash collision

The counter is 8497

The angle is reset to 359.6181981676819

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 359.73273871737734

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

The counter is 8499

The angle is reset to 359.8129171021641

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 8500

The angle is reset to 359.8690419715149

Energy injection at [9, 9]

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

The current number of the iteration is 8500

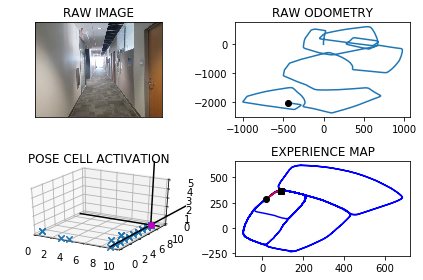
95.7680001259 seconds are elapsed per 100 frames.

The number of units of the VT is 2307

The number of units of the experience map is 2509

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



The counter is 8501

The angle is reset to 359.90832938006037

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 359.9358305660422

Energy injection at [9, 0]

The counter is 8503

The angle is reset to 359.9550813962295

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 359.96855697736066

Energy injection at [9, 0]

The counter is 8505

The angle is reset to 359.9779898841524

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 359.45959291890665

Energy injection at [9, 0]

The counter is 8507

The angle is reset to 359.09671504323467

Energy injection at [9, 0]

The counter is 8508

The angle is reset to 359.36770053026424

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 359.5573903711849

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 359.6901732598294

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 359.78312128188054

Energy injection at [9, 1]

The counter is 8512

The angle is reset to 359.8481848973164

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 359.89372942812145

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 359.92561059968494

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 359.94792741977943

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 359.9635491938456

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 359.97448443569186

Energy injection at [9, 2]

The counter is 8518

The angle is reset to 359.9821391049843

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 359.462497373489

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 359.62374816144234

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 359.7366237130096

Energy injection at [9, 4]

The counter is 8526

The angle is reset to 359.81563659910665

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 0.39594561937468664

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 0.27716193356228064

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 0.19401335349359644

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 0.1358093474455175

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 0.09506654321186225

Energy injection at [9, 5]

The counter is 8533

The angle is reset to 0.06654658024830357

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 0.0465826061738125

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 0.03260782432166875

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 0.5478254770251682

Energy injection at [9, 7]

hash collision

The counter is 8537

The angle is reset to 0.9084778339176176

Energy injection at [9, 6]

hash collision

The counter is 8538

The angle is reset to 1.1609344837423323

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 0.8126541386196326

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 0.5688578970337428

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 359.8732005279236

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 359.3862403695465

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 359.57036825868255

Energy injection at [9, 7]

The counter is 8546

The angle is reset to 359.69925778107773

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 0.31448044675441045

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 0.7451363127280871

Energy injection at [9, 9]

hash collision

The counter is 8549

The angle is reset to 1.0465954189096607

Energy injection at [9, 9]

hash collision

The counter is 8550

The angle is reset to 1.2576167932367626

Energy injection at [9, 9]

The counter is 8551

The angle is reset to 0.8803317552657337

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 0.6162322286860136

Energy injection at [9, 0]

The counter is 8553

The angle is reset to 359.90636256008014

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 359.9344537920561

Energy injection at [9, 0]

The counter is 8555

The angle is reset to 359.95411765443924

Energy injection at [9, 0]

The counter is 8556

The angle is reset to 359.9678823581075

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 359.97751765067517

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 359.98426235547265

Energy injection at [9, 0]

The counter is 8559

The angle is reset to 0.5139836488308522

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 0.8847885541815964

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 1.6693519879271173

Energy injection at [9, 1]

The counter is 8562

The angle is reset to 2.218546391548982

Energy injection at [9, 1]

The counter is 8563

The angle is reset to 2.6029824740842873

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 2.347087731859001

Energy injection at [9, 1]

The counter is 8565

The angle is reset to 3.7429614123013

Energy injection at [9, 1]

The counter is 8566

The angle is reset to 4.720072988610909

Energy injection at [9, 1]

The counter is 8567

The angle is reset to 5.929051092027635

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 8568

The angle is reset to 6.775335764419344

Energy injection at [9, 2]

The counter is 8569

The angle is reset to 21.91773503509354

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

loop closure

The counter is 8570

The angle is reset to 33.04241452456548

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 8571

The angle is reset to 41.354690167195834

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 8572

The angle is reset to 47.17328311703708

Energy injection at [9, 3]

The counter is 8573

The angle is reset to 51.24629818192595

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 4

The counter is 8574

The angle is reset to 53.57240872734816

Energy injection at [9, 4]

The counter is 8575

The angle is reset to 55.725686109143716

Energy injection at [9, 4]

The counter is 8577

The angle is reset to 73.88298027640059

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

loop closure

The counter is 8578

The angle is reset to 81.34308619348042

Energy injection at [0, 4]

The counter is 8579

The angle is reset to 86.56516033543627

Energy injection at [0, 4]

min\_delta\_val

1.0

e\_pc 0 4

current pc 1 4

The counter is 8580

The angle is reset to 89.17061223480539

Energy injection at [0, 4]

The counter is 8581

The angle is reset to 90.46942856436375

Energy injection at [0, 4]

The counter is 8582

The angle is reset to 90.85359999505464

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 1 4

current pc 0 4

The counter is 8584

The angle is reset to 91.64751999653825

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 8585

The angle is reset to 91.15326399757676

Energy injection at [1, 4]

The counter is 8586

The angle is reset to 90.80728479830374

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 8589

The angle is reset to 92.6650993588126

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 2 4

loop closure

The counter is 8590

The angle is reset to 92.39056955116882

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 8591

The angle is reset to 92.19839868581816

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 3 4

current pc 2 4

The counter is 8592

The angle is reset to 92.06387908007272

Energy injection at [2, 4]

The counter is 8593

The angle is reset to 91.96971535605091

Energy injection at [3, 4]

min\_delta\_val

0.0

e\_pc 3 4

current pc 3 4

The counter is 8594

The angle is reset to 91.37880074923562

Energy injection at [3, 4]

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The current number of the iteration is 8600

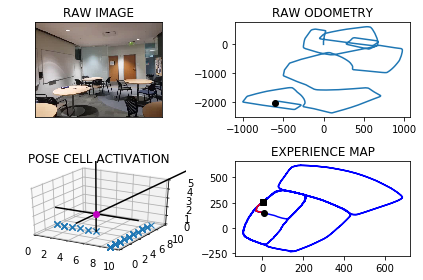
116.059000015 seconds are elapsed per 100 frames.

The number of units of the VT is 2318

The number of units of the experience map is 2522

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The counter is 8627

The angle is reset to 84.14016052446489

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

loop closure

The counter is 8655

The angle is reset to 84.32311236712539

Energy injection at [7, 4]

min\_delta\_val

0.0

e\_pc 7 4

current pc 7 4

loop closure

The counter is 8656

The angle is reset to 87.60117865698777

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

The counter is 8657

The angle is reset to 90.42082505989143

Energy injection at [8, 4]

The counter is 8658

The angle is reset to 92.39457754192401

Energy injection at [8, 4]

The counter is 8666

The angle is reset to 129.32620427934683

Energy injection at [1, 4]

min\_delta\_val

1.0

e\_pc 2 4

current pc 1 4

loop closure

The counter is 8677

The angle is reset to 172.35334299554276

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 176.22234009687992

Energy injection at [5, 1]

The counter is 8686

The angle is reset to 178.40563806781597

Energy injection at [5, 0]

hash collision

The counter is 8687

The angle is reset to 179.40894664747117

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 179.58626265322982

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 179.71038385726087

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 179.79726870008258

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 179.3330880900578

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 8692

The angle is reset to 179.00816166304045

Energy injection at [5, 7]

hash collision

The counter is 8693

The angle is reset to 178.7807131641283

Energy injection at [5, 7]

The counter is 8694

The angle is reset to 179.14649921488981

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 179.40254945042284

Energy injection at [5, 7]

The counter is 8696

The angle is reset to 179.58178461529596

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 179.70724923070716

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 179.795074461495

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

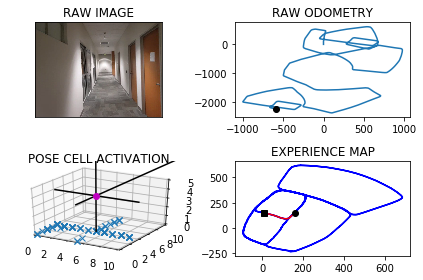
40.3999998569 seconds are elapsed per 100 frames.

The number of units of the VT is 2348

The number of units of the experience map is 2557

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



The counter is 8705

The angle is reset to 177.75655212304648

Energy injection at [5, 2]

The counter is 8708

The angle is reset to 178.42958648613254

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 178.90071054029275

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 179.23049737820494

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 179.4613481647434

Energy injection at [5, 0]

The counter is 8716

The angle is reset to 179.6229437153204

Energy injection at [5, 9]

hash collision

The counter is 8717

The angle is reset to 179.73606060072427

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 179.815242420507

Energy injection at [5, 9]

The counter is 8719

The angle is reset to 179.8706696943549

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 179.9094687860484

Energy injection at [5, 9]

The counter is 8721

The angle is reset to 180.46162815023388

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 180.32313970516373

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 180.7511977936146

Energy injection at [5, 7]

The counter is 8724

The angle is reset to 180.5258384555302

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 6

current pc 5 7

The counter is 8725

The angle is reset to 180.36808691887111

Energy injection at [5, 7]

The counter is 8726

The angle is reset to 180.25766084320975

Energy injection at [5, 6]

hash collision

The counter is 8727

The angle is reset to 179.65536259024682

Energy injection at [5, 6]

hash collision

The counter is 8728

The angle is reset to 179.75875381317277

Energy injection at [5, 6]

hash collision

The counter is 8732

The angle is reset to 180.3561276692209

Energy injection at [5, 5]

min\_delta\_val

1.0

e\_pc 5 4

current pc 5 5

loop closure

The counter is 8749

The angle is reset to 180.24928936845464

Energy injection at [5, 0]

The counter is 8750

The angle is reset to 179.12450255791825

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 9

loop closure

The counter is 8751

The angle is reset to 178.86215179054275

Energy injection at [5, 9]

The counter is 8752

The angle is reset to 179.2035062533799

Energy injection at [5, 9]

The counter is 8753

The angle is reset to 179.44245437736592

Energy injection at [5, 0]

hash collision

The counter is 8754

The angle is reset to 179.6097180641561

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

The counter is 8774

The angle is reset to 178.15180264490925

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 178.70626185143647

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 179.09438329600553

Energy injection at [5, 4]

The counter is 8777

The angle is reset to 179.36606830720388

Energy injection at [5, 4]

The counter is 8778

The angle is reset to 179.55624781504272

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 179.6893734705299

Energy injection at [5, 5]

The counter is 8780

The angle is reset to 180.30756142937094

Energy injection at [5, 5]

The counter is 8783

The angle is reset to 180.21529300055963

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 179.1007051003917

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 179.3704935702742

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 179.55934549919192

Energy injection at [5, 2]

The counter is 8794

The angle is reset to 180.21654184943435

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 180.15157929460403

Energy injection at [5, 3]

The counter is 8797

The angle is reset to 178.53110550622281

Energy injection at [5, 2]

The counter is 8798

The angle is reset to 178.97177385435597

Energy injection at [5, 2]

The counter is 8799

The angle is reset to 179.28024169804917

Energy injection at [5, 2]

The counter is 8800

The angle is reset to 179.4961691886344

Energy injection at [5, 2]

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

The current number of the iteration is 8800

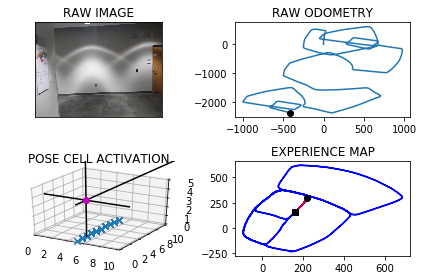
57.0680000782 seconds are elapsed per 100 frames.

The number of units of the VT is 2388

The number of units of the experience map is 2600

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The counter is 8801

The angle is reset to 179.64731843204405

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 179.75312290243085

Energy injection at [5, 2]

The counter is 8803

The angle is reset to 180.3521860317016

Energy injection at [5, 2]

The counter is 8804

The angle is reset to 180.7715302221911

Energy injection at [5, 2]

The counter is 8805

The angle is reset to 180.01507115553375

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 179.48554980887363

Energy injection at [5, 1]

The counter is 8807

The angle is reset to 179.11488486621155

Energy injection at [5, 1]

The counter is 8808

The angle is reset to 178.85541940634803

Energy injection at [5, 1]

The counter is 8809

The angle is reset to 179.19879358444362

Energy injection at [5, 1]

The counter is 8810

The angle is reset to 179.43915550911052

Energy injection at [5, 1]

The counter is 8811

The angle is reset to 179.60740885637736

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 179.72518619946416

Energy injection at [5, 0]

The counter is 8813

The angle is reset to 179.2826303396249

Energy injection at [5, 0]

The counter is 8814

The angle is reset to 180.02284123773742

Energy injection at [5, 0]

The counter is 8815

The angle is reset to 180.0159888664162

Energy injection at [5, 0]

The counter is 8816

The angle is reset to 180.01119220649133

Energy injection at [5, 0]

The counter is 8817

The angle is reset to 180.00783454454393

Energy injection at [5, 0]

The counter is 8818

The angle is reset to 179.4804841811807

Energy injection at [5, 9]

hash collision

The counter is 8819

The angle is reset to 179.1113389268265

Energy injection at [5, 9]

hash collision

The counter is 8820

The angle is reset to 179.37793724877852

Energy injection at [5, 9]

hash collision

The counter is 8821

The angle is reset to 179.56455607414497

Energy injection at [5, 9]

hash collision

The counter is 8822

The angle is reset to 179.69518925190144

Energy injection at [5, 9]

hash collision

The counter is 8823

The angle is reset to 179.78663247633102

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 179.8506427334317

Energy injection at [5, 0]

The counter is 8825

The angle is reset to 180.4204499134022

Energy injection at [5, 0]

The counter is 8826

The angle is reset to 180.81931493938154

Energy injection at [5, 0]

The counter is 8827

The angle is reset to 181.09852045756708

Energy injection at [5, 0]

The counter is 8828

The angle is reset to 181.29396432029694

Energy injection at [5, 0]

The counter is 8829

The angle is reset to 180.90577502420783

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 0

loop closure

The counter is 8830

The angle is reset to 181.1590425169455

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8831

The angle is reset to 182.91132976186182

Energy injection at [5, 9]

The counter is 8832

The angle is reset to 185.18793083330328

Energy injection at [5, 9]

The counter is 8833

The angle is reset to 187.30655158331228

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 189.83958610831857

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 8835

The angle is reset to 205.11271027582302

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8836

The angle is reset to 212.6538971930761

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8837

The angle is reset to 222.13272803515326

Energy injection at [5, 9]

The counter is 8838

The angle is reset to 227.7179096246073

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

The counter is 8839

The angle is reset to 230.57753673722507

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8840

The angle is reset to 232.57927571605757

Energy injection at [4, 7]

min\_delta\_val

1.4142135623730951

e\_pc 4 7

current pc 5 8

The counter is 8841

The angle is reset to 233.98049300124023

Energy injection at [4, 7]

The counter is 8844

The angle is reset to 223.56134510086818

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 8845

The angle is reset to 225.04294157060775

Energy injection at [5, 8]

The counter is 8846

The angle is reset to 225.55505909942542

Energy injection at [5, 8]

The counter is 8847

The angle is reset to 225.91354136959777

Energy injection at [5, 8]

The counter is 8848

The angle is reset to 226.16447895871843

Energy injection at [5, 8]

The counter is 8849

The angle is reset to 225.81513527110292

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8850

The angle is reset to 225.57059468977204

Energy injection at [5, 8]

hash collision

The counter is 8851

The angle is reset to 225.39941628284043

Energy injection at [5, 7]

hash collision

The counter is 8852

The angle is reset to 225.2795913979883

Energy injection at [5, 7]

hash collision

The counter is 8853

The angle is reset to 225.1957139785918

Energy injection at [5, 8]

The counter is 8854

The angle is reset to 225.13699978501427

Energy injection at [5, 8]

The counter is 8855

The angle is reset to 225.62089984950998

Energy injection at [5, 8]

The counter is 8856

The angle is reset to 225.95962989465698

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 8857

The angle is reset to 226.19674092625988

Energy injection at [4, 7]

The counter is 8858

The angle is reset to 225.83771864838192

Energy injection at [4, 7]

The counter is 8859

The angle is reset to 212.61140305386732

Energy injection at [3, 4]

The counter is 8860

The angle is reset to 202.82798213770712

Energy injection at [3, 4]

The counter is 8861

The angle is reset to 209.47958749639497

Energy injection at [4, 7]

The counter is 8862

The angle is reset to 200.11071124747647

Energy injection at [3, 4]

The counter is 8863

The angle is reset to 194.0774978732335

Energy injection at [3, 4]

The counter is 8864

The angle is reset to 203.35424851126345

Energy injection at [3, 6]

hash collision

The counter is 8865

The angle is reset to 209.8479739578844

Energy injection at [3, 6]

The counter is 8866

The angle is reset to 214.39358177051906

Energy injection at [3, 6]

The counter is 8867

The angle is reset to 217.57550723936333

Energy injection at [3, 6]

The counter is 8868

The angle is reset to 220.32785506755437

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 221.72949854728805

Energy injection at [3, 6]

The counter is 8870

The angle is reset to 223.2356489831016

Energy injection at [3, 6]

min\_delta\_val

1.4142135623730951

e\_pc 3 6

current pc 2 5

The counter is 8873

The angle is reset to 223.2399542881711

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 8874

The angle is reset to 223.24296800171973

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 223.7700776012038

Energy injection at [3, 6]

The counter is 8876

The angle is reset to 224.13905432084263

Energy injection at [3, 6]

The counter is 8877

The angle is reset to 224.39733802458989

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 224.57813661721286

Energy injection at [3, 6]

The counter is 8879

The angle is reset to 224.704695632049

Energy injection at [3, 6]

hash collision

The counter is 8880

The angle is reset to 224.7932869424343

Energy injection at [3, 6]

hash collision

The counter is 8881

The angle is reset to 224.85530085970396

Energy injection at [3, 6]

hash collision

The counter is 8882

The angle is reset to 224.89871060179277

Energy injection at [3, 6]

hash collision

The counter is 8883

The angle is reset to 224.92909742125494

Energy injection at [2, 5]

hash collision

none

DONE!

n\_ templates: 2391

n\_ experiences: 2610