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 11:37:37

over

The counter is 1

The maximum pc value is 0.224

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

The current number of the iteration is 100

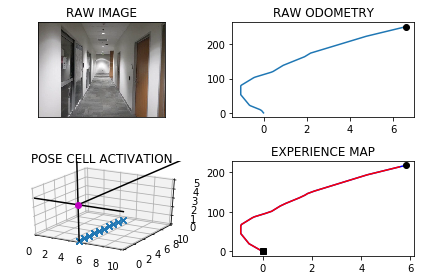
0.304000139236 seconds are elapsed per 100 frames.

The number of units of the VT is 47

The number of units of the experience map is 47

02/20/19 11:37:37

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



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

The current number of the iteration is 200

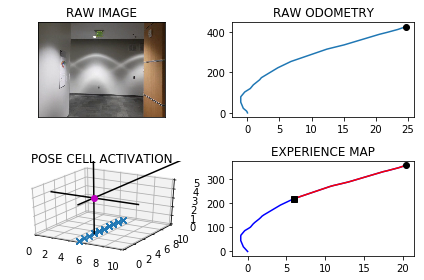
0.779000043869 seconds are elapsed per 100 frames.

The number of units of the VT is 94

The number of units of the experience map is 94

02/20/19 11:37:38

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The current number of the iteration is 300

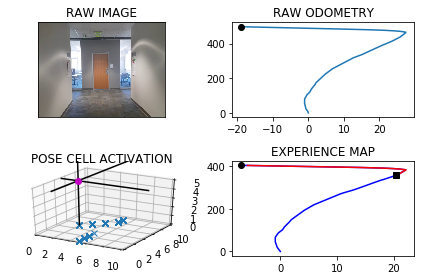
0.913000106812 seconds are elapsed per 100 frames.

The number of units of the VT is 129

The number of units of the experience map is 129

02/20/19 11:37:39

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The current number of the iteration is 400

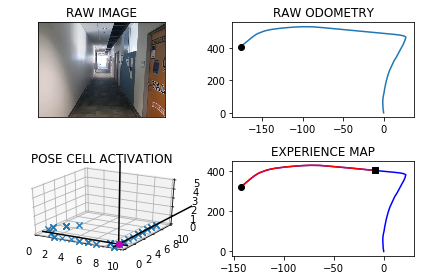
0.976999998093 seconds are elapsed per 100 frames.

The number of units of the VT is 185

The number of units of the experience map is 185

02/20/19 11:37:40

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



over

over

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

The current number of the iteration is 500

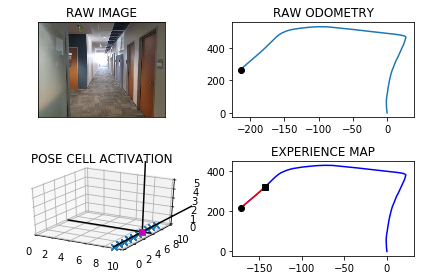
1.0490000248 seconds are elapsed per 100 frames.

The number of units of the VT is 229

The number of units of the experience map is 229

02/20/19 11:37:41

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The current number of the iteration is 600

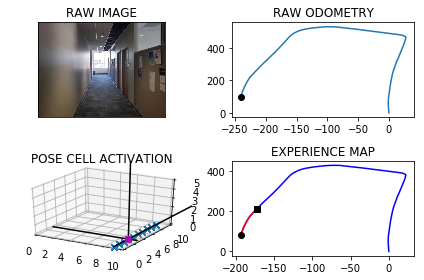
1.16500020027 seconds are elapsed per 100 frames.

The number of units of the VT is 269

The number of units of the experience map is 269

02/20/19 11:37:42

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The current number of the iteration is 700

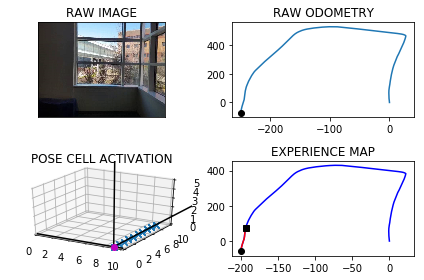
1.24599981308 seconds are elapsed per 100 frames.

The number of units of the VT is 314

The number of units of the experience map is 314

02/20/19 11:37:43

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



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The current number of the iteration is 800

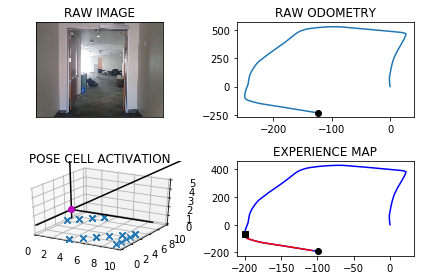
1.32100009918 seconds are elapsed per 100 frames.

The number of units of the VT is 359

The number of units of the experience map is 360

02/20/19 11:37:45

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The current number of the iteration is 900

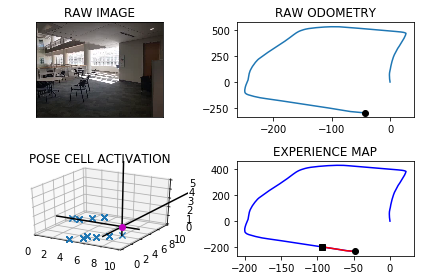
1.3710000515 seconds are elapsed per 100 frames.

The number of units of the VT is 391

The number of units of the experience map is 392

02/20/19 11:37:46

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The current number of the iteration is 1000

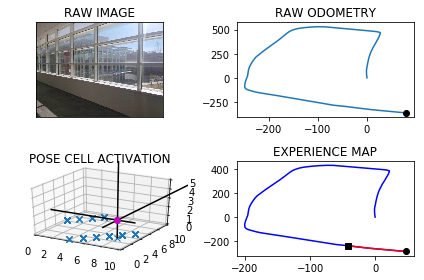
1.43899989128 seconds are elapsed per 100 frames.

The number of units of the VT is 417

The number of units of the experience map is 418

02/20/19 11:37:48

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The current number of the iteration is 1100

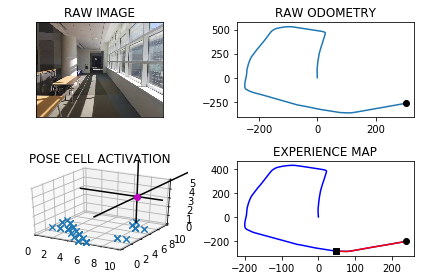
1.53500008583 seconds are elapsed per 100 frames.

The number of units of the VT is 462

The number of units of the experience map is 463

02/20/19 11:37:49

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



over

over

The counter is 1184

The angle is reset to 126.07500000000022

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

max\_exp 1

over

over

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

The current number of the iteration is 1200

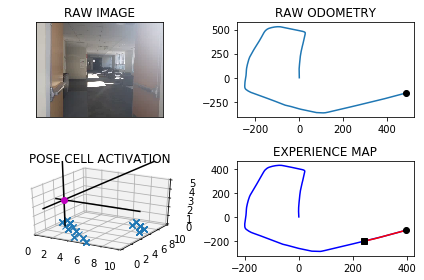
1.88499999046 seconds are elapsed per 100 frames.

The number of units of the VT is 509

The number of units of the experience map is 510

02/20/19 11:37:51

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



over

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

The current number of the iteration is 1300

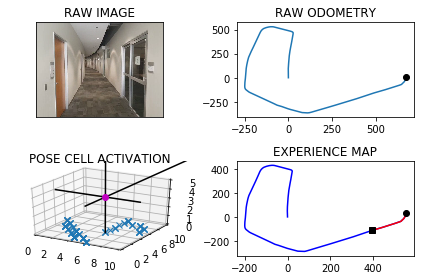
1.75 seconds are elapsed per 100 frames.

The number of units of the VT is 553

The number of units of the experience map is 554

02/20/19 11:37:53

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



The counter is 1387

The angle is reset to 185.30250000000024

Energy injection at [6, 0]

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

The current number of the iteration is 1400

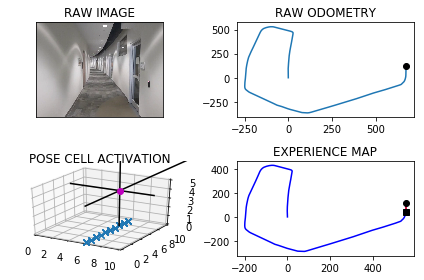
1.83100008965 seconds are elapsed per 100 frames.

The number of units of the VT is 595

The number of units of the experience map is 597

02/20/19 11:37:55

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



The counter is 1410

The angle is reset to 183.71175000000017

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

max\_exp 2

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

The current number of the iteration is 1500

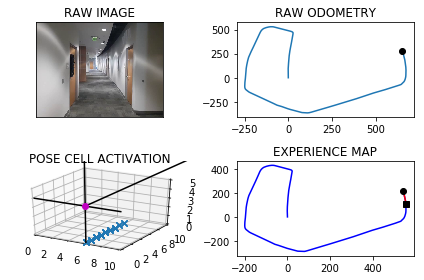
2.16799998283 seconds are elapsed per 100 frames.

The number of units of the VT is 639

The number of units of the experience map is 642

02/20/19 11:37:57

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

The current number of the iteration is 1600

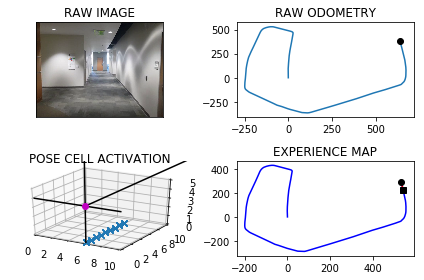
1.90499997139 seconds are elapsed per 100 frames.

The number of units of the VT is 683

The number of units of the experience map is 687

02/20/19 11:37:59

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



The counter is 1686

The angle is reset to 201.34822500000013

Energy injection at [3, 6]

The counter is 1687

The angle is reset to 208.44375750000006

Energy injection at [3, 6]

The counter is 1687

The maximum pc value is 0.24

The counter is 1688

The angle is reset to 213.41063025000005

Energy injection at [3, 6]

The counter is 1688

The maximum pc value is 0.256

The counter is 1689

The angle is reset to 216.88744117500002

Energy injection at [3, 6]

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

The current number of the iteration is 1700

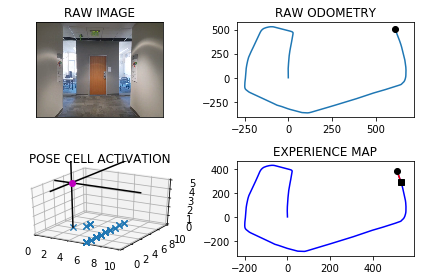
2.02199983597 seconds are elapsed per 100 frames.

The number of units of the VT is 713

The number of units of the experience map is 718

02/20/19 11:38:01

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



The counter is 1701

The angle is reset to 220.3712088225

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 221.23484617575

Energy injection at [1, 4]

The counter is 1703

The angle is reset to 222.364392323025

Energy injection at [1, 4]

The counter is 1711

The angle is reset to 225.7800746261175

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 225.54605223828227

Energy injection at [0, 3]

The counter is 1713

The angle is reset to 225.38223656679756

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 225.2675655967583

Energy injection at [0, 3]

The counter is 1716

The angle is reset to 225.1872959177308

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 225.13110714241154

Energy injection at [9, 2]

The counter is 1718

The angle is reset to 225.09177499968806

Energy injection at [9, 2]

The counter is 1719

The angle is reset to 225.58924249978165

Energy injection at [9, 2]

The counter is 1720

The angle is reset to 225.41246974984713

Energy injection at [9, 2]

The counter is 1721

The angle is reset to 225.813728824893

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 225.56961017742506

Energy injection at [8, 1]

The counter is 1723

The angle is reset to 225.3987271241975

Energy injection at [8, 1]

The counter is 1724

The angle is reset to 225.27910898693827

Energy injection at [8, 1]

The counter is 1725

The angle is reset to 225.1953762908568

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 1726

The angle is reset to 224.61176340359975

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

The counter is 1727

The angle is reset to 224.72823438251982

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 224.80976406776387

Energy injection at [8, 1]

The counter is 1729

The angle is reset to 224.86683484743472

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 224.90678439320428

Energy injection at [8, 1]

The counter is 1731

The angle is reset to 225.459749075243

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

over

The counter is 1769

The angle is reset to 329.8718243526701

Energy injection at [9, 6]

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

The current number of the iteration is 1800

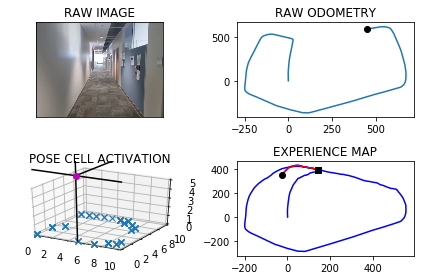
6.13400006294 seconds are elapsed per 100 frames.

The number of units of the VT is 758

The number of units of the experience map is 765

02/20/19 11:38:07

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



The counter is 1826

The angle is reset to 338.38527704686896

Energy injection at [9, 6]

The counter is 1827

The angle is reset to 344.8696939328083

Energy injection at [9, 6]

The counter is 1828

The angle is reset to 349.4087857529658

Energy injection at [9, 6]

The counter is 1830

The angle is reset to 353.636150027076

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 356.0703050189532

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 357.2492135132672

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 1851

The angle is reset to 358.07444945928705

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 358.65211462150086

Energy injection at [9, 0]

The counter is 1853

The angle is reset to 359.0564802350506

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 359.33953616453545

Energy injection at [9, 0]

The counter is 1855

The angle is reset to 359.5376753151748

Energy injection at [9, 0]

The counter is 1856

The angle is reset to 359.6763727206223

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 359.7734609044356

Energy injection at [9, 1]

The counter is 1858

The angle is reset to 359.8414226331049

Energy injection at [9, 1]

The counter is 1859

The angle is reset to 359.8889958431734

Energy injection at [9, 1]

The counter is 1860

The angle is reset to 359.92229709022143

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 359.945607963155

Energy injection at [9, 1]

The counter is 1862

The angle is reset to 359.96192557420846

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 359.97334790194594

Energy injection at [9, 1]

The counter is 1864

The angle is reset to 359.98134353136214

Energy injection at [9, 1]

The counter is 1865

The angle is reset to 359.9869404719535

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 359.9908583303674

Energy injection at [9, 2]

The counter is 1867

The angle is reset to 359.9936008312572

Energy injection at [9, 2]

The counter is 1868

The angle is reset to 359.99552058188004

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 359.471864407316

Energy injection at [9, 2]

The counter is 1870

The angle is reset to 359.6303050851212

Energy injection at [9, 2]

The counter is 1871

The angle is reset to 359.7412135595848

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

The counter is 1877

The angle is reset to 359.81884949170933

Energy injection at [9, 4]

The counter is 1878

The angle is reset to 359.8731946441966

Energy injection at [9, 4]

The counter is 1879

The angle is reset to 359.9112362509375

Energy injection at [9, 4]

The counter is 1880

The angle is reset to 359.93786537565626

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

loop closure

The counter is 1882

The angle is reset to 359.95650576295935

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 359.9695540340715

Energy injection at [9, 5]

The counter is 1884

The angle is reset to 359.97868782385007

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 359.98508147669503

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 359.98955703368654

Energy injection at [9, 6]

The counter is 1890

The angle is reset to 0.5176899235805572

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 0.36238294650639

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 0.25366806255447305

Energy injection at [9, 6]

The counter is 1893

The angle is reset to 0.1775676437881311

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 0.12429735065169177

Energy injection at [9, 7]

The counter is 1895

The angle is reset to 0.08700814545618422

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 0.060905701819328965

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

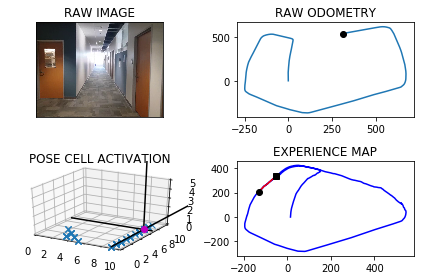
11.2269999981 seconds are elapsed per 100 frames.

The number of units of the VT is 787

The number of units of the experience map is 797

02/20/19 11:38:18

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



The counter is 1903

The angle is reset to 0.042633991273530264

Energy injection at [9, 9]

The counter is 1904

The angle is reset to 359.5048437938915

Energy injection at [9, 9]

The counter is 1905

The angle is reset to 359.653390655724

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 359.75737345900677

Energy injection at [9, 9]

The counter is 1907

The angle is reset to 359.83016142130475

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 359.8811129949133

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 0.9667790964393178

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 1.2017453675075223

Energy injection at [9, 0]

The counter is 1912

The angle is reset to 1.3662217572552655

Energy injection at [9, 0]

The counter is 1913

The angle is reset to 0.9563552300786857

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 0.6694486610550799

Energy injection at [9, 0]

The counter is 1915

The angle is reset to 0.468614062738556

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 0.3280298439169892

Energy injection at [9, 1]

The counter is 1917

The angle is reset to 0.22962089074189246

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 0.16073462351932472

Energy injection at [9, 1]

The counter is 1921

The angle is reset to 0.11251423646352729

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 1922

The angle is reset to 0.0787599655244691

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 1926

The angle is reset to 0.05513197586712837

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 0.038592383106989855

Energy injection at [9, 3]

The counter is 1937

The angle is reset to 2.1270146681748927

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 1.4889102677224246

Energy injection at [9, 5]

The counter is 1939

The angle is reset to 1.0422371874056973

Energy injection at [9, 5]

The counter is 1940

The angle is reset to 0.729566031183988

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 0.5106962218287916

Energy injection at [9, 6]

The counter is 1942

The angle is reset to 0.3574873552801541

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 1943

The angle is reset to 0.25024114869610786

Energy injection at [9, 6]

The counter is 1944

The angle is reset to 0.1751688040872755

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 0.12261816286109285

Energy injection at [9, 7]

The counter is 1946

The angle is reset to 0.08583271400276497

Energy injection at [9, 7]

The counter is 1947

The angle is reset to 0.06008289980193549

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 0.04205802986135484

Energy injection at [9, 7]

The counter is 1949

The angle is reset to 0.029440620902948383

Energy injection at [9, 7]

The counter is 1951

The angle is reset to 0.020608434632063865

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 0.014425904242444705

Energy injection at [9, 8]

The counter is 1953

The angle is reset to 0.010098132969711293

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 0.007068693078797905

Energy injection at [9, 9]

The counter is 1955

The angle is reset to 0.004948085155158532

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 0.0034636596086109724

Energy injection at [9, 9]

The counter is 1957

The angle is reset to 0.0024245617260276807

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 0.0016971932082193765

Energy injection at [9, 9]

The counter is 1959

The angle is reset to 0.0011880352457535634

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 0.0008316246720274943

Energy injection at [9, 9]

The counter is 1963

The angle is reset to 0.000582137270419246

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 0.5254074960892934

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 0.3677852472625054

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 0.2574496730837537

Energy injection at [9, 2]

The counter is 1976

The angle is reset to 0.1802147711586276

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 0.1261503398110393

Energy injection at [9, 2]

The counter is 1978

The angle is reset to 0.0883052378677275

Energy injection at [9, 2]

The counter is 1979

The angle is reset to 0.06181366650740925

Energy injection at [9, 2]

The counter is 1980

The angle is reset to 0.5682695665551865

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 0.9227886965886303

Energy injection at [9, 3]

The counter is 1984

The angle is reset to 0.6459520876120411

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 0.45216646132842886

Energy injection at [9, 3]

The counter is 1986

The angle is reset to 359.7915165229299

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 359.85406156605086

Energy injection at [9, 4]

The counter is 1988

The angle is reset to 359.8978430962356

Energy injection at [9, 4]

The counter is 1989

The angle is reset to 359.92849016736494

Energy injection at [9, 4]

The counter is 1990

The angle is reset to 359.94994311715544

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 0.4899601820087883

Energy injection at [9, 5]

The counter is 1992

The angle is reset to 0.3429721274061518

Energy injection at [9, 5]

The counter is 1993

The angle is reset to 0.7650804891843063

Energy injection at [9, 5]

The counter is 1994

The angle is reset to 0.5355563424290144

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 0.3748894397003101

Energy injection at [9, 5]

The counter is 1996

The angle is reset to 0.26242260779021703

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 0.1836958254531519

Energy injection at [9, 6]

The counter is 1998

The angle is reset to 0.12858707781720632

Energy injection at [9, 6]

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

The current number of the iteration is 2000

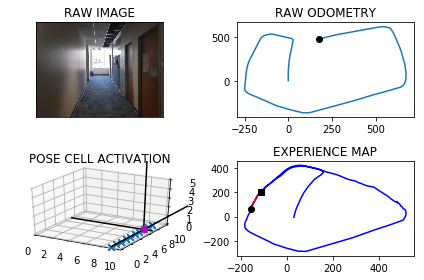
16.4010000229 seconds are elapsed per 100 frames.

The number of units of the VT is 803

The number of units of the experience map is 814

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The counter is 2003

The angle is reset to 0.09001095447204444

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 0.0630076681304311

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 2012

The angle is reset to 0.044105367691301765

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 2013

The angle is reset to 0.03087375738391123

Energy injection at [9, 9]

The counter is 2014

The angle is reset to 0.5466116301687378

Energy injection at [9, 9]

The counter is 2015

The angle is reset to 0.3826281411181165

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 0.2678396987826815

Energy injection at [9, 9]

The counter is 2017

The angle is reset to 0.18748778914787703

Energy injection at [9, 9]

The counter is 2018

The angle is reset to 0.1312414524035139

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 0.09186901668245974

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 0.0643083116777218

Energy injection at [9, 0]

The counter is 2021

The angle is reset to 359.5200158181744

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 359.664011072722

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 359.7648077509054

Energy injection at [9, 0]

The counter is 2024

The angle is reset to 359.83536542563377

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 359.8847557979436

Energy injection at [9, 1]

The counter is 2026

The angle is reset to 359.9193290585605

Energy injection at [9, 1]

The counter is 2027

The angle is reset to 359.9435303409923

Energy injection at [9, 1]

The counter is 2028

The angle is reset to 359.96047123869465

Energy injection at [9, 1]

The counter is 2030

The angle is reset to 359.9723298670862

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 359.9806309069603

Energy injection at [9, 2]

The counter is 2033

The angle is reset to 359.9864416348722

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 359.9905091444105

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 359.9933564010873

Energy injection at [9, 3]

The counter is 2037

The angle is reset to 0.5203494807611285

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 0.88924463653279

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 1.1474712455729528

Energy injection at [9, 3]

The counter is 2042

The angle is reset to 0.27822987190106696

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 359.6697609103307

Energy injection at [9, 4]

The counter is 2044

The angle is reset to 359.76883263723147

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 359.83818284606207

Energy injection at [9, 4]

The counter is 2055

The angle is reset to 0.41172799224343437

Energy injection at [9, 7]

The counter is 2074

The angle is reset to 359.7632095945704

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 359.8342467161993

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 359.8839727013395

Energy injection at [9, 9]

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The current number of the iteration is 2100

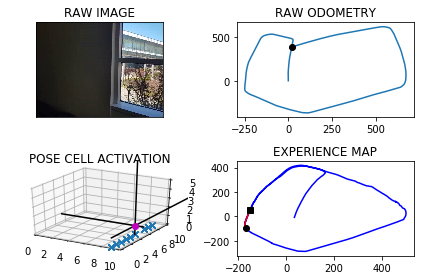
10.9449999332 seconds are elapsed per 100 frames.

The number of units of the VT is 839

The number of units of the experience map is 851

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The counter is 2102

The angle is reset to 41.24378089093763

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 36.595646623656336

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 39.11695263655944

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 40.8818668455916

Energy injection at [9, 5]

The counter is 2106

The angle is reset to 35.29230679191412

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 2107

The angle is reset to 38.204614754339886

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 43.918230328037914

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

The counter is 2109

The angle is reset to 44.24276122962653

Energy injection at [0, 6]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 2110

The angle is reset to 44.469932860738574

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 2112

The angle is reset to 49.878953002516994

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

loop closure

The counter is 2113

The angle is reset to 49.9902671017619

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 2165

The angle is reset to 50.59318697123332

Energy injection at [6, 2]

The counter is 2169

The angle is reset to 49.440230879863314

Energy injection at [7, 3]

The counter is 2170

The angle is reset to 48.63316161590432

Energy injection at [7, 3]

min\_delta\_val

1.4142135623730951

e\_pc 8 4

current pc 7 3

loop closure

The counter is 2171

The angle is reset to 48.06821313113303

Energy injection at [7, 3]

The counter is 2172

The angle is reset to 47.14774919179312

Energy injection at [8, 4]

min\_delta\_val

1.4142135623730951

e\_pc 8 4

current pc 7 3

The counter is 2173

The angle is reset to 46.50342443425518

Energy injection at [8, 4]

The counter is 2174

The angle is reset to 46.05239710397862

Energy injection at [8, 4]

The counter is 2175

The angle is reset to 45.73667797278503

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

The counter is 2176

The angle is reset to 44.99067458094952

Energy injection at [8, 4]

The counter is 2179

The angle is reset to 44.99347220666466

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 4

loop closure

The counter is 2180

The angle is reset to 45.52043054466526

Energy injection at [9, 5]

The counter is 2184

The angle is reset to 47.46430138126567

Energy injection at [0, 6]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

loop closure

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

The current number of the iteration is 2200

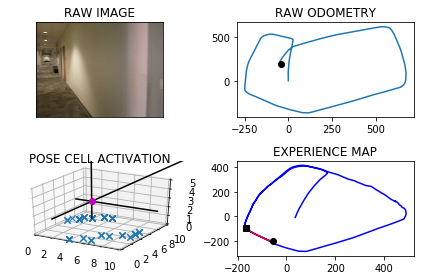
10.2160000801 seconds are elapsed per 100 frames.

The number of units of the VT is 876

The number of units of the experience map is 890

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The current number of the iteration is 2300

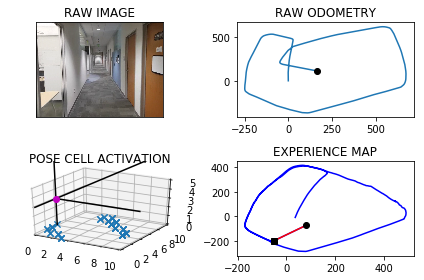
2.33500003815 seconds are elapsed per 100 frames.

The number of units of the VT is 934

The number of units of the experience map is 949

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The counter is 2342

The angle is reset to 146.55001096688596

Energy injection at [5, 5]

The counter is 2343

The angle is reset to 156.58500767682017

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

loop closure

The counter is 2344

The angle is reset to 163.6095053737741

Energy injection at [5, 4]

The counter is 2345

The angle is reset to 168.52665376164188

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 171.9686576331493

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 174.9030603432045

Energy injection at [5, 2]

The counter is 2348

The angle is reset to 176.95714224024312

Energy injection at [5, 2]

The counter is 2349

The angle is reset to 178.39499956817016

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 2350

The angle is reset to 179.40149969771912

Energy injection at [5, 2]

The counter is 2351

The angle is reset to 179.5810497884034

Energy injection at [5, 2]

The counter is 2352

The angle is reset to 179.70673485188235

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 5 2

The counter is 2353

The angle is reset to 179.79471439631766

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 179.85630007742236

Energy injection at [5, 0]

The counter is 2355

The angle is reset to 179.8994100541956

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 179.40458703793692

Energy injection at [5, 0]

The counter is 2357

The angle is reset to 179.58321092655584

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 179.70824764858907

Energy injection at [5, 0]

The counter is 2359

The angle is reset to 179.79577335401234

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 179.8570413478086

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 180.42492894346606

Energy injection at [5, 9]

The counter is 2364

The angle is reset to 180.29745026042622

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 180.20821518229837

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 180.14575062760883

Energy injection at [5, 8]

The counter is 2367

The angle is reset to 179.57702543932618

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 179.1789178075283

Energy injection at [5, 7]

The counter is 2369

The angle is reset to 179.4252424652698

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 179.59766972568883

Energy injection at [5, 7]

The counter is 2371

The angle is reset to 179.7183688079822

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 179.80285816558754

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 179.86200071591128

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 179.90340050113787

Energy injection at [5, 6]

The counter is 2375

The angle is reset to 179.9323803507965

Energy injection at [5, 6]

The counter is 2378

The angle is reset to 179.95266624555754

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 179.44186637189026

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 179.60930646032318

Energy injection at [5, 0]

The counter is 2391

The angle is reset to 179.7265145222262

Energy injection at [5, 0]

The counter is 2392

The angle is reset to 179.80856016555836

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 180.39099211589084

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 180.79869448112356

Energy injection at [5, 7]

The counter is 2400

The angle is reset to 180.55908613678648

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

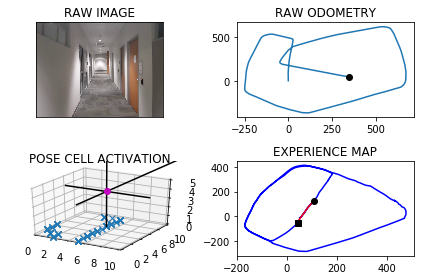
15.2039999962 seconds are elapsed per 100 frames.

The number of units of the VT is 968

The number of units of the experience map is 985

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The counter is 2401

The angle is reset to 180.39136029575053

Energy injection at [5, 7]

The counter is 2404

The angle is reset to 180.2739522070254

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 180.19176654491775

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 180.13423658144242

Energy injection at [5, 4]

The counter is 2407

The angle is reset to 180.6189656070097

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 180.43327592490675

Energy injection at [5, 4]

The counter is 2409

The angle is reset to 180.30329314743472

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 180.2123052032043

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 180.148613642243

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 179.57902954957007

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 179.70532068469907

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 179.79372447928935

Energy injection at [5, 9]

The counter is 2423

The angle is reset to 179.85560713550254

Energy injection at [5, 9]

The counter is 2424

The angle is reset to 179.89892499485174

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 179.92924749639624

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 179.95047324747733

Energy injection at [5, 8]

The counter is 2431

The angle is reset to 179.96533127323414

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 179.97573189126388

Energy injection at [5, 6]

The counter is 2434

The angle is reset to 179.9830123238847

Energy injection at [5, 6]

The counter is 2437

The angle is reset to 179.98810862671928

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 179.99167603870347

Energy injection at [5, 4]

The counter is 2443

The angle is reset to 179.99417322709243

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 179.99592125896467

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 179.9971448812753

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 179.9980014168927

Energy injection at [5, 3]

The counter is 2447

The angle is reset to 179.99860099182487

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 179.9990206942774

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 179.99931448599418

Energy injection at [5, 2]

The counter is 2450

The angle is reset to 179.9995201401959

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 179.99966409813712

Energy injection at [5, 1]

The counter is 2454

The angle is reset to 179.99976486869596

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 179.99983540808716

Energy injection at [5, 0]

The counter is 2456

The angle is reset to 179.99988478566104

Energy injection at [5, 0]

The counter is 2459

The angle is reset to 179.9999193499627

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 179.99994354497386

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 180.5249604814817

Energy injection at [5, 6]

The counter is 2483

The angle is reset to 180.3674723370372

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 180.25723063592602

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 180.18006144514823

Energy injection at [5, 6]

The counter is 2486

The angle is reset to 179.60104301160374

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 179.7207301081226

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 179.8045110756858

Energy injection at [5, 5]

The counter is 2489

The angle is reset to 179.86315775298004

Energy injection at [5, 5]

The counter is 2490

The angle is reset to 179.90421042708604

Energy injection at [5, 5]

The counter is 2491

The angle is reset to 179.93294729896022

Energy injection at [5, 5]

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

The current number of the iteration is 2500

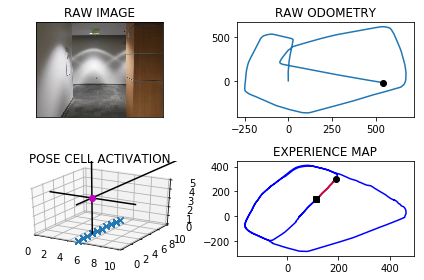
17.5390000343 seconds are elapsed per 100 frames.

The number of units of the VT is 1001

The number of units of the experience map is 1023

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The counter is 2516

The angle is reset to 179.42806310927213

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 179.5996441764905

Energy injection at [5, 2]

The counter is 2518

The angle is reset to 179.71975092354336

Energy injection at [5, 2]

The counter is 2519

The angle is reset to 179.80382564648033

Energy injection at [5, 2]

The counter is 2520

The angle is reset to 179.33767795253624

Energy injection at [5, 2]

The counter is 2521

The angle is reset to 179.01137456677534

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 179.5155735377199

Energy injection at [5, 1]

The counter is 2524

The angle is reset to 179.13590147640392

Energy injection at [5, 1]

The counter is 2525

The angle is reset to 179.39513103348276

Energy injection at [5, 1]

The counter is 2526

The angle is reset to 179.5765917234379

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 180.3175299444846

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 180.7472709611392

Energy injection at [5, 0]

The counter is 2530

The angle is reset to 180.52308967279743

Energy injection at [5, 0]

The counter is 2531

The angle is reset to 180.3661627709582

Energy injection at [5, 0]

The counter is 2532

The angle is reset to 180.25631393967075

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 2568

The angle is reset to 227.05333743500267

Energy injection at [6, 2]

The counter is 2569

The angle is reset to 212.93733620450186

Energy injection at [6, 2]

The counter is 2570

The angle is reset to 203.0561353431513

Energy injection at [6, 2]

The counter is 2571

The angle is reset to 196.1392947402059

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 2572

The angle is reset to 191.29750631814414

Energy injection at [6, 2]

The counter is 2576

The angle is reset to 187.90825442270088

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 2577

The angle is reset to 185.53577809589058

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 2583

The angle is reset to 183.8750446671234

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 2584

The angle is reset to 182.18753126698638

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 0

The counter is 2585

The angle is reset to 181.00627188689046

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 0

loop closure

The counter is 2589

The angle is reset to 180.7043903208233

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 2590

The angle is reset to 180.4930732245763

Energy injection at [6, 0]

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

The current number of the iteration is 2600

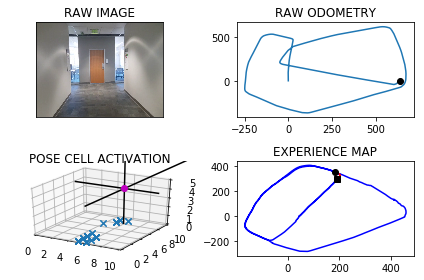
11.4149999619 seconds are elapsed per 100 frames.

The number of units of the VT is 1030

The number of units of the experience map is 1054

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The counter is 2604

The angle is reset to 194.89515125720342

Energy injection at [2, 5]

The counter is 2607

The angle is reset to 203.92660588004236

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 210.24862411602967

Energy injection at [2, 5]

The counter is 2634

The angle is reset to 217.29903688122076

Energy injection at [8, 1]

The counter is 2635

The angle is reset to 219.60932581685455

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 8 1

current pc 8 1

loop closure

The counter is 2639

The angle is reset to 222.27652807179817

Energy injection at [7, 0]

hash collision

The counter is 2640

The angle is reset to 223.61856965025868

Energy injection at [7, 0]

hash collision

The counter is 2641

The angle is reset to 224.5579987551811

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

loop closure

The counter is 2642

The angle is reset to 225.21559912862676

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 0

current pc 6 0

The counter is 2643

The angle is reset to 225.67591939003873

Energy injection at [7, 0]

The counter is 2644

The angle is reset to 225.99814357302708

Energy injection at [7, 0]

min\_delta\_val

1.4142135623730951

e\_pc 7 0

current pc 6 9

The counter is 2645

The angle is reset to 225.69870050111896

Energy injection at [7, 0]

counter 2648

multiple peak # >2

[5L, 5L, 6L, 6L] [8L, 9L, 8L, 9L]

counter 2649

multiple peak # >2

[5L, 5L, 6L, 6L] [8L, 9L, 8L, 9L]

The counter is 2650

The angle is reset to 235.46409035078327

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 2651

The angle is reset to 237.04986324554824

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 8

over

The counter is 2660

The angle is reset to 298.7599042718838

Energy injection at [1, 9]

min\_delta\_val

0.0

e\_pc 1 9

current pc 1 9

loop closure

The counter is 2661

The angle is reset to 305.7319329903186

Energy injection at [1, 9]

min\_delta\_val

0.0

e\_pc 1 9

current pc 1 9

The counter is 2662

The angle is reset to 310.6123530932231

Energy injection at [1, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

The counter is 2664

The angle is reset to 315.6036471652561

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 2666

The angle is reset to 317.52255301567925

Energy injection at [0, 0]

min\_delta\_val

1.0

e\_pc 0 0

current pc 9 0

loop closure

The counter is 2667

The angle is reset to 316.76578711097545

Energy injection at [0, 0]

The counter is 2668

The angle is reset to 316.2360509776828

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

The counter is 2669

The angle is reset to 315.865235684378

Energy injection at [0, 0]

min\_delta\_val

1.4142135623730951

e\_pc 9 1

current pc 0 0

The counter is 2670

The angle is reset to 315.60566497906456

Energy injection at [0, 0]

The counter is 2671

The angle is reset to 315.4239654853452

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 0 1

The counter is 2672

The angle is reset to 315.29677583974166

Energy injection at [9, 1]

The counter is 2673

The angle is reset to 315.2077430878191

Energy injection at [9, 1]

The counter is 2676

The angle is reset to 315.6704201614733

Energy injection at [8, 6]

The counter is 2677

The angle is reset to 316.5192941130313

Energy injection at [8, 6]

The counter is 2678

The angle is reset to 316.5885058791219

Energy injection at [8, 6]

min\_delta\_val

1.0

e\_pc 8 6

current pc 7 6

loop closure

The counter is 2679

The angle is reset to 316.6369541153853

Energy injection at [8, 6]

The counter is 2680

The angle is reset to 329.64586788076963

Energy injection at [9, 7]

min\_delta\_val

6.164414002968976

e\_pc 9 7

current pc 8 6

new experience map with case 2

The counter is 2690

The angle is reset to 324.2021075165388

Energy injection at [7, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

loop closure

The counter is 2695

The angle is reset to 320.39147526157706

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 2698

The angle is reset to 318.24903268310396

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 2699

The angle is reset to 317.2743228781727

Energy injection at [5, 9]

The counter is 2700

The angle is reset to 316.5920260147209

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 2700

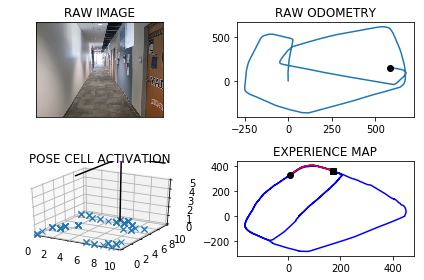
18.0460000038 seconds are elapsed per 100 frames.

The number of units of the VT is 1065

The number of units of the experience map is 1093

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The counter is 2701

The angle is reset to 316.1144182103046

Energy injection at [5, 9]

The counter is 2702

The angle is reset to 315.7800927472132

Energy injection at [5, 9]

The counter is 2703

The angle is reset to 315.54606492304924

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 4 0

The counter is 2704

The angle is reset to 315.38224544613445

Energy injection at [5, 0]

The counter is 2705

The angle is reset to 315.2675718122941

Energy injection at [5, 0]

The counter is 2706

The angle is reset to 315.18730026860584

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 2707

The angle is reset to 314.6061101880241

Energy injection at [5, 0]

The counter is 2708

The angle is reset to 314.1992771316168

Energy injection at [5, 0]

The counter is 2709

The angle is reset to 314.43949399213176

Energy injection at [5, 0]

The counter is 2712

The angle is reset to 314.6076457944922

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 2713

The angle is reset to 314.7253520561445

Energy injection at [4, 1]

The counter is 2716

The angle is reset to 314.8077464393011

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 2717

The angle is reset to 314.8654225075108

Energy injection at [3, 1]

The counter is 2718

The angle is reset to 314.38079575525757

Energy injection at [3, 1]

The counter is 2719

The angle is reset to 314.5665570286803

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 2720

The angle is reset to 314.6965899200762

Energy injection at [3, 1]

The counter is 2721

The angle is reset to 314.7876129440533

Energy injection at [3, 1]

The counter is 2722

The angle is reset to 314.85132906083726

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 2723

The angle is reset to 315.4209303425861

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

loop closure

The counter is 2724

The angle is reset to 315.81965123981024

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

loop closure

The counter is 2725

The angle is reset to 315.57375586786713

Energy injection at [3, 2]

The counter is 2726

The angle is reset to 315.40162910750695

Energy injection at [3, 2]

The counter is 2727

The angle is reset to 315.28114037525484

Energy injection at [3, 2]

min\_delta\_val

1.4142135623730951

e\_pc 3 2

current pc 2 3

The counter is 2731

The angle is reset to 328.6967982626783

Energy injection at [9, 6]

The counter is 2732

The angle is reset to 338.0877587838749

Energy injection at [9, 6]

The counter is 2733

The angle is reset to 344.6614311487124

Energy injection at [9, 6]

The counter is 2734

The angle is reset to 349.2630018040987

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 2735

The angle is reset to 353.009101262869

Energy injection at [9, 6]

The counter is 2736

The angle is reset to 355.10637088400836

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 356.5744596188058

Energy injection at [9, 6]

The counter is 2738

The angle is reset to 357.60212173316404

Energy injection at [9, 6]

The counter is 2740

The angle is reset to 358.3214852132148

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 358.3000396492504

Energy injection at [9, 6]

The counter is 2744

The angle is reset to 358.81002775447524

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 2745

The angle is reset to 359.16701942813273

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 359.4169135996928

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 0.11683951978499084

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 0.0817876638494936

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 0.05725136469464551

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 359.51507595528625

Energy injection at [9, 8]

The counter is 2753

The angle is reset to 359.1355531687003

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 358.86988721809024

Energy injection at [9, 9]

The counter is 2755

The angle is reset to 358.68392105266315

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 359.07874473686417

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 359.3551213158049

Energy injection at [9, 0]

The counter is 2761

The angle is reset to 359.5485849210634

Energy injection at [9, 0]

The counter is 2762

The angle is reset to 359.1590094447444

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 358.88630661132106

Energy injection at [9, 1]

The counter is 2764

The angle is reset to 359.2204146279247

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 359.4542902395473

Energy injection at [9, 1]

The counter is 2770

The angle is reset to 359.618003167683

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 359.73260221737814

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 359.8128215521647

Energy injection at [9, 2]

The counter is 2774

The angle is reset to 359.8689750865152

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 359.9082825605606

Energy injection at [9, 2]

The counter is 2784

The angle is reset to 0.985797792392445

Energy injection at [9, 4]

hash collision

The counter is 2787

The angle is reset to 1.2150584546747114

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 0.3255409182722981

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 0.22787864279060863

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

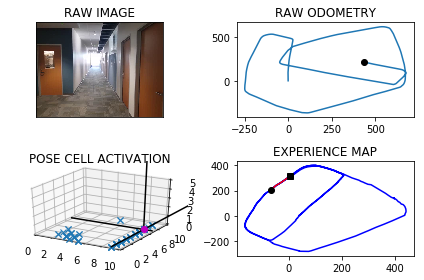
23.1630001068 seconds are elapsed per 100 frames.

The number of units of the VT is 1086

The number of units of the experience map is 1116

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The counter is 2820

The angle is reset to 2.784515049953421

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

loop closure

The counter is 2827

The angle is reset to 5.099160534967394

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

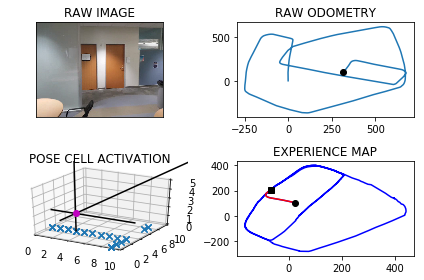
4.15100002289 seconds are elapsed per 100 frames.

The number of units of the VT is 1129

The number of units of the experience map is 1161

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The counter is 2964

The angle is reset to 170.44441237447722

Energy injection at [5, 2]

The counter is 2966

The angle is reset to 173.31108866213404

Energy injection at [5, 0]

The counter is 2967

The angle is reset to 175.8427620634938

Energy injection at [5, 0]

The counter is 2968

The angle is reset to 177.6149334444457

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 178.330453411112

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 178.83131738777837

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 178.65692217144485

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 2991

The angle is reset to 179.58484552001136

Energy injection at [5, 1]

The counter is 2992

The angle is reset to 180.23439186400796

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 1

loop closure

The counter is 2999

The angle is reset to 179.63907430480555

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 179.74735201336387

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

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

The current number of the iteration is 3000

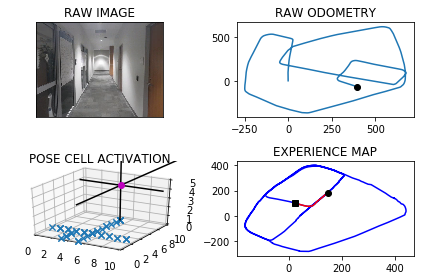
8.08799982071 seconds are elapsed per 100 frames.

The number of units of the VT is 1183

The number of units of the experience map is 1218

02/20/19 11:40:36

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The counter is 3003

The angle is reset to 180.3481464093547

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 180.24370248654827

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 180.1705917405838

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 180.11941421840865

Energy injection at [5, 7]

The counter is 3007

The angle is reset to 180.08358995288606

Energy injection at [5, 7]

The counter is 3008

The angle is reset to 179.53351296702022

Energy injection at [5, 6]

The counter is 3009

The angle is reset to 179.14845907691412

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 179.40392135383988

Energy injection at [5, 5]

The counter is 3013

The angle is reset to 179.5827449476879

Energy injection at [5, 5]

The counter is 3014

The angle is reset to 179.70792146338152

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 179.79554502436704

Energy injection at [5, 3]

The counter is 3017

The angle is reset to 179.85688151705693

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 179.37481706193984

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 179.03737194335787

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 179.32616036035046

Energy injection at [5, 2]

The counter is 3022

The angle is reset to 179.52831225224534

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 179.66981857657174

Energy injection at [5, 2]

The counter is 3024

The angle is reset to 179.7688730036002

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 179.83821110252012

Energy injection at [5, 1]

The counter is 3026

The angle is reset to 180.41174777176408

Energy injection at [5, 1]

The counter is 3027

The angle is reset to 180.28822344023487

Energy injection at [5, 1]

The counter is 3030

The angle is reset to 180.7267564081644

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 182.08372948571508

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 180.93361064000052

Energy injection at [5, 8]

The counter is 3045

The angle is reset to 180.65352744800037

Energy injection at [5, 7]

The counter is 3046

The angle is reset to 180.45746921360023

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 180.3202284495202

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 180.74915991466412

Energy injection at [5, 7]

The counter is 3050

The angle is reset to 180.52441194026486

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 180.3670883581854

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 180.25696185072977

Energy injection at [5, 5]

The counter is 3053

The angle is reset to 180.17987329551084

Energy injection at [5, 5]

The counter is 3054

The angle is reset to 180.12591130685757

Energy injection at [5, 5]

The counter is 3062

The angle is reset to 181.6631379148003

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 181.6891965403602

Energy injection at [5, 5]

The counter is 3064

The angle is reset to 181.18243757825212

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 180.82770630477648

Energy injection at [5, 4]

The counter is 3066

The angle is reset to 180.57939441334355

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 180.40557608934043

Energy injection at [5, 4]

The counter is 3068

The angle is reset to 180.2839032625383

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 180.19873228377682

Energy injection at [5, 3]

The counter is 3070

The angle is reset to 180.13911259864378

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

The counter is 3073

The angle is reset to 180.09737881905062

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 179.54316517333544

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 179.15521562133478

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 179.40865093493434

Energy injection at [5, 2]

The counter is 3079

The angle is reset to 179.06105565445404

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 3080

The angle is reset to 179.34273895811782

Energy injection at [5, 2]

The counter is 3081

The angle is reset to 179.53991727068248

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 179.6779420894777

Energy injection at [5, 2]

The counter is 3083

The angle is reset to 179.77455946263436

Energy injection at [5, 2]

The counter is 3084

The angle is reset to 180.36719162384406

Energy injection at [5, 2]

The counter is 3085

The angle is reset to 180.78203413669084

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 180.54742389568355

Energy injection at [5, 2]

The counter is 3087

The angle is reset to 180.90819672697847

Energy injection at [5, 2]

The counter is 3088

The angle is reset to 180.63573770888493

Energy injection at [5, 2]

The counter is 3089

The angle is reset to 180.44501639621944

Energy injection at [5, 2]

The counter is 3090

The angle is reset to 180.31151147735358

Energy injection at [5, 2]

The counter is 3091

The angle is reset to 179.6930580341475

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 179.78514062390323

Energy injection at [5, 1]

The counter is 3093

The angle is reset to 179.84959843673226

Energy injection at [5, 1]

The counter is 3094

The angle is reset to 179.89471890571258

Energy injection at [5, 1]

The counter is 3095

The angle is reset to 180.45130323399877

Energy injection at [5, 1]

The counter is 3096

The angle is reset to 180.31591226379913

Energy injection at [5, 1]

The counter is 3097

The angle is reset to 180.7461385846594

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 180.5222970092616

Energy injection at [5, 0]

The counter is 3099

The angle is reset to 180.36560790648312

Energy injection at [5, 0]

The counter is 3100

The angle is reset to 180.25592553453816

Energy injection at [5, 0]

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The current number of the iteration is 3100

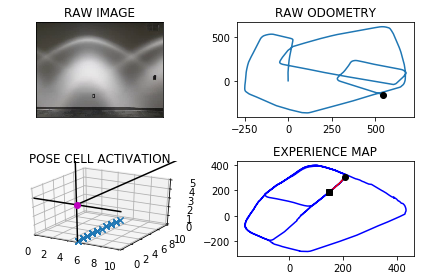
25.7170000076 seconds are elapsed per 100 frames.

The number of units of the VT is 1200

The number of units of the experience map is 1239

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The counter is 3101

The angle is reset to 180.1791478741767

Energy injection at [5, 0]

The counter is 3102

The angle is reset to 180.1254035119237

Energy injection at [5, 0]

The counter is 3103

The angle is reset to 180.0877824583466

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 180.0614477208426

Energy injection at [5, 0]

The counter is 3105

The angle is reset to 180.04301340458983

Energy injection at [5, 0]

The counter is 3106

The angle is reset to 179.50510938321284

Energy injection at [5, 0]

The counter is 3107

The angle is reset to 179.128576568249

Energy injection at [5, 0]

The counter is 3108

The angle is reset to 178.8650035977743

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 179.205502518442

Energy injection at [5, 0]

The counter is 3110

The angle is reset to 179.9688517629094

Energy injection at [5, 0]

The counter is 3111

The angle is reset to 179.97819623403655

Energy injection at [5, 0]

The counter is 3112

The angle is reset to 180.50973736382556

Energy injection at [5, 0]

The counter is 3113

The angle is reset to 180.3568161546779

Energy injection at [5, 0]

The counter is 3114

The angle is reset to 181.29977130827453

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 0

loop closure

The counter is 3115

The angle is reset to 181.95983991579217

Energy injection at [5, 9]

The counter is 3116

The angle is reset to 182.42188794105454

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 0

loop closure

The counter is 3117

The angle is reset to 183.79532155873812

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 3118

The angle is reset to 184.75672509111666

Energy injection at [5, 9]

The counter is 3119

The angle is reset to 186.47970756378166

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 3120

The angle is reset to 187.16079529464713

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 3121

The angle is reset to 203.76255670625298

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 201.35878969437707

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 3123

The angle is reset to 212.65115278606396

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 3124

The angle is reset to 207.0558069502448

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 3125

The angle is reset to 216.11406486517131

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 3126

The angle is reset to 221.92984540561991

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 3127

The angle is reset to 225.47589178393395

Energy injection at [5, 8]

min\_delta\_val

1.4142135623730951

e\_pc 4 7

current pc 5 8

The counter is 3131

The angle is reset to 234.25812424875377

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

loop closure

The counter is 3132

The angle is reset to 233.58068697412762

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 3133

The angle is reset to 232.05648088188929

Energy injection at [5, 8]

The counter is 3134

The angle is reset to 230.98953661732247

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 3135

The angle is reset to 230.24267563212578

Energy injection at [5, 8]

The counter is 3136

The angle is reset to 229.19487294248805

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 3137

The angle is reset to 214.9614110597416

Energy injection at [6, 2]

The counter is 3138

The angle is reset to 218.49798774181914

Energy injection at [4, 7]

The counter is 3139

The angle is reset to 207.47359141927336

Energy injection at [6, 2]

The counter is 3140

The angle is reset to 199.23151399349135

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 3141

The angle is reset to 193.46205979544393

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 3142

The angle is reset to 189.42344185681074

Energy injection at [6, 2]

The counter is 3143

The angle is reset to 199.5714092997675

Energy injection at [4, 7]

The counter is 3147

The angle is reset to 193.17498650983728

Energy injection at [6, 1]

The counter is 3148

The angle is reset to 189.74749055688608

Energy injection at [6, 1]

The counter is 3149

The angle is reset to 187.34824338982023

Energy injection at [6, 1]

The counter is 3150

The angle is reset to 185.66877037287415

Energy injection at [6, 1]

The counter is 3151

The angle is reset to 183.96813926101188

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 3152

The angle is reset to 182.7776974827083

Energy injection at [6, 1]

The counter is 3153

The angle is reset to 181.41938823789582

Energy injection at [6, 1]

The counter is 3154

The angle is reset to 180.99357176652705

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 3155

The angle is reset to 180.6955002365689

Energy injection at [6, 0]

The counter is 3156

The angle is reset to 180.48685016559824

Energy injection at [6, 0]

The counter is 3157

The angle is reset to 180.34079511591872

Energy injection at [6, 0]

The counter is 3158

The angle is reset to 180.23855658114311

Energy injection at [6, 0]

The counter is 3190

The angle is reset to 191.56698960680015

Energy injection at [0, 3]

The counter is 3191

The angle is reset to 201.5968927247601

Energy injection at [0, 3]

The counter is 3192

The angle is reset to 208.61782490733208

Energy injection at [0, 3]

The counter is 3193

The angle is reset to 213.53247743513245

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 9 2

loop closure

The counter is 3194

The angle is reset to 216.9727342045927

Energy injection at [9, 2]

The counter is 3195

The angle is reset to 219.38091394321486

Energy injection at [9, 2]

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The current number of the iteration is 3200

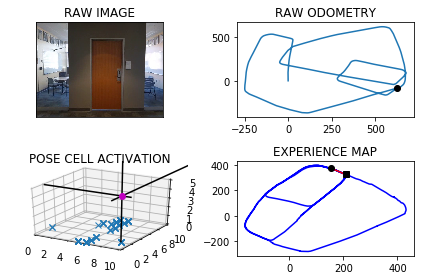
21.0150001049 seconds are elapsed per 100 frames.

The number of units of the VT is 1219

The number of units of the experience map is 1264

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The counter is 3209

The angle is reset to 235.0916397602504

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 7 0

loop closure

The counter is 3210

The angle is reset to 231.53914783217525

Energy injection at [6, 9]

counter 3210

multiple peak # >2

[6L, 6L, 7L, 7L] [0L, 9L, 0L, 9L]

min\_delta\_val

1.0

e\_pc 7 0

current pc 6 0

loop closure

The counter is 3211

The angle is reset to 229.05240348252266

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 3212

The angle is reset to 226.78668243776582

Energy injection at [7, 0]

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The current number of the iteration is 3300

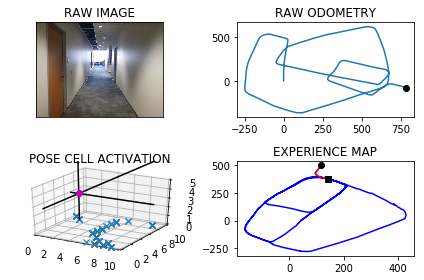
5.46000003815 seconds are elapsed per 100 frames.

The number of units of the VT is 1267

The number of units of the experience map is 1312

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The current number of the iteration is 3400

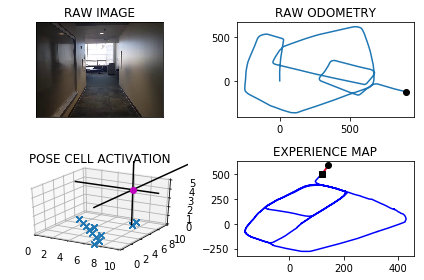
3.06900000572 seconds are elapsed per 100 frames.

The number of units of the VT is 1296

The number of units of the experience map is 1341

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The counter is 3418

The angle is reset to 167.0756777064361

Energy injection at [7, 6]

min\_delta\_val

0.0

e\_pc 7 6

current pc 7 6

loop closure

The counter is 3419

The angle is reset to 170.95297439450525

Energy injection at [7, 6]

min\_delta\_val

0.0

e\_pc 7 6

current pc 7 6

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

The current number of the iteration is 3500

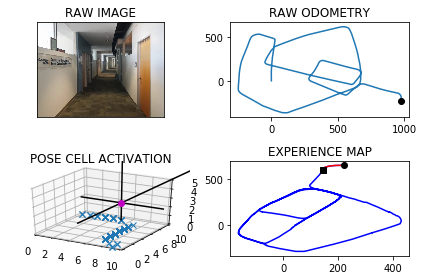
4.79299998283 seconds are elapsed per 100 frames.

The number of units of the VT is 1330

The number of units of the experience map is 1375

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The current number of the iteration is 3600

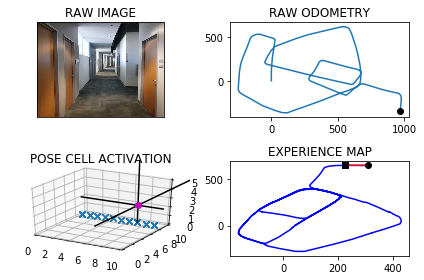
3.15199995041 seconds are elapsed per 100 frames.

The number of units of the VT is 1377

The number of units of the experience map is 1422

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The counter is 3692

The angle is reset to 89.9670820761536

Energy injection at [8, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 8 9

loop closure

The counter is 3693

The angle is reset to 89.97695745330752

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 3694

The angle is reset to 89.98387021731527

Energy injection at [9, 9]

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The current number of the iteration is 3700

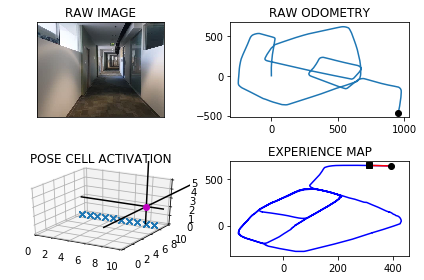
5.09299993515 seconds are elapsed per 100 frames.

The number of units of the VT is 1424

The number of units of the experience map is 1469

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The current number of the iteration is 3800

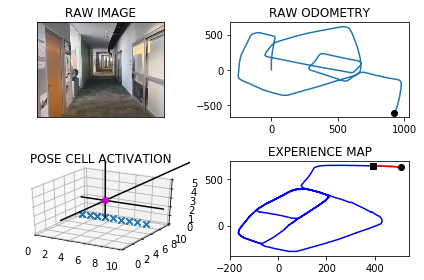
3.33599996567 seconds are elapsed per 100 frames.

The number of units of the VT is 1465

The number of units of the experience map is 1511

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The current number of the iteration is 3900

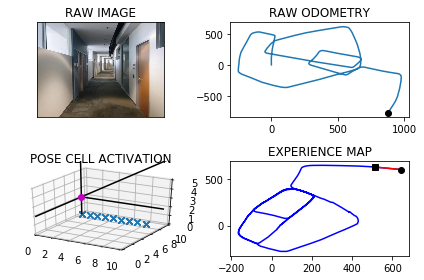
3.56500005722 seconds are elapsed per 100 frames.

The number of units of the VT is 1515

The number of units of the experience map is 1561

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The current number of the iteration is 4000

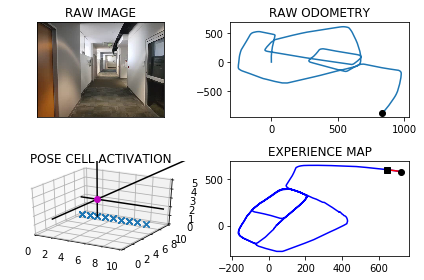
3.63100004196 seconds are elapsed per 100 frames.

The number of units of the VT is 1557

The number of units of the experience map is 1604

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The current number of the iteration is 4100

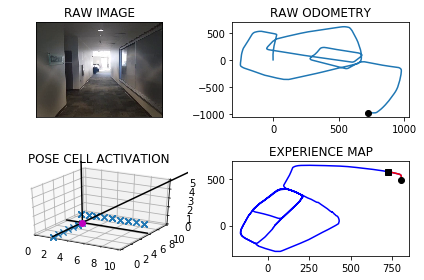
3.62700009346 seconds are elapsed per 100 frames.

The number of units of the VT is 1604

The number of units of the experience map is 1652

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The current number of the iteration is 4200

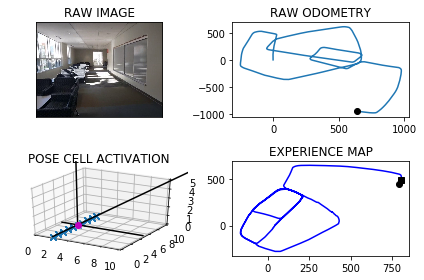
3.6939997673 seconds are elapsed per 100 frames.

The number of units of the VT is 1627

The number of units of the experience map is 1675

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The current number of the iteration is 4300

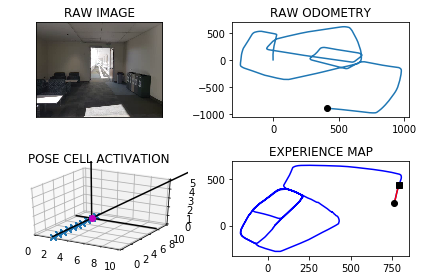
3.73400020599 seconds are elapsed per 100 frames.

The number of units of the VT is 1654

The number of units of the experience map is 1703

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The counter is 4363

The angle is reset to 252.43870915212062

Energy injection at [6, 2]

The counter is 4365

The angle is reset to 231.23209640648443

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 4366

The angle is reset to 216.38746748453912

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 4367

The angle is reset to 205.99622723917736

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 4368

The angle is reset to 198.19735906742414

Energy injection at [6, 1]

The counter is 4369

The angle is reset to 192.73815134719692

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 4370

The angle is reset to 188.91670594303784

Energy injection at [6, 1]

The counter is 4371

The angle is reset to 185.71669416012645

Energy injection at [6, 1]

The counter is 4372

The angle is reset to 184.0016859120885

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 4373

The angle is reset to 182.80118013846194

Energy injection at [6, 1]

The counter is 4374

The angle is reset to 181.96082609692334

Energy injection at [6, 1]

The counter is 4375

The angle is reset to 181.37257826784634

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 1

The counter is 4376

The angle is reset to 181.4858047874924

Energy injection at [6, 0]

The counter is 4377

The angle is reset to 181.0400633512447

Energy injection at [6, 0]

The counter is 4378

The angle is reset to 181.25304434587127

Energy injection at [6, 0]

The counter is 4379

The angle is reset to 180.87713104210988

Energy injection at [6, 0]

The counter is 4399

The angle is reset to 182.7139917294769

Energy injection at [6, 7]

The counter is 4400

The angle is reset to 182.42479421063385

Energy injection at [6, 7]

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The current number of the iteration is 4400

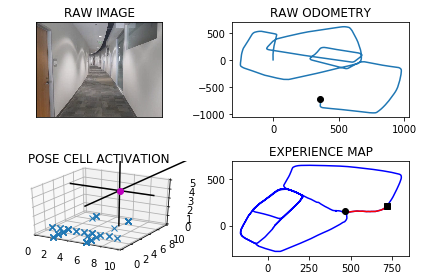
10.2920000553 seconds are elapsed per 100 frames.

The number of units of the VT is 1700

The number of units of the experience map is 1751

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The counter is 4404

The angle is reset to 182.2223559474437

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 4405

The angle is reset to 181.55564916321057

Energy injection at [6, 7]

The counter is 4406

The angle is reset to 181.0889544142474

Energy injection at [6, 7]

The counter is 4407

The angle is reset to 180.23726808997318

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 7

The counter is 4408

The angle is reset to 180.1660876629812

Energy injection at [6, 6]

The counter is 4409

The angle is reset to 180.11626136408682

Energy injection at [6, 6]

The counter is 4410

The angle is reset to 180.08138295486077

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

The counter is 4411

The angle is reset to 180.05696806840254

Energy injection at [6, 6]

The counter is 4412

The angle is reset to 180.03987764788175

Energy injection at [6, 6]

The counter is 4413

The angle is reset to 180.02791435351725

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

The counter is 4414

The angle is reset to 180.01954004746207

Energy injection at [6, 6]

The counter is 4415

The angle is reset to 180.0136780332234

Energy injection at [6, 6]

The counter is 4416

The angle is reset to 180.00957462325638

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 6

The counter is 4419

The angle is reset to 179.48170223627946

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 4420

The angle is reset to 179.6371915653956

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 4

The counter is 4421

The angle is reset to 179.7460340957769

Energy injection at [6, 5]

The counter is 4424

The angle is reset to 179.82222386704382

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 4439

The angle is reset to 181.9755567069307

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 4440

The angle is reset to 181.90788969485146

Energy injection at [6, 4]

The counter is 4441

The angle is reset to 181.33552278639598

Energy injection at [6, 4]

The counter is 4444

The angle is reset to 180.93486595047722

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 2

loop closure

The counter is 4445

The angle is reset to 180.65440616533405

Energy injection at [6, 9]

counter 4447

multiple peak # >2

[6L, 6L, 6L, 6L] [2L, 3L, 8L, 9L]

counter 4448

multiple peak # >2

[6L, 6L, 6L, 6L] [2L, 3L, 8L, 9L]

counter 4449

multiple peak # >2

[6L, 6L, 6L, 6L] [2L, 3L, 8L, 9L]

counter 4450

multiple peak # >2

[6L, 6L, 6L, 6L] [2L, 3L, 8L, 9L]

counter 4451

multiple peak # >2

[6L, 6L, 6L, 6L] [1L, 2L, 7L, 8L]

counter 4452

multiple peak # >2

[6L, 6L, 6L, 6L] [1L, 2L, 7L, 8L]

The counter is 4453

The angle is reset to 181.50808431573384

Energy injection at [6, 6]

The counter is 4454

The angle is reset to 181.05565902101367

Energy injection at [6, 6]

The counter is 4455

The angle is reset to 180.73896131470954

Energy injection at [6, 6]

The counter is 4456

The angle is reset to 180.51727292029668

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 6

loop closure

The counter is 4459

The angle is reset to 180.88709104420772

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 4462

The angle is reset to 181.14596373094537

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 4463

The angle is reset to 180.80217461166174

Energy injection at [6, 4]

The counter is 4468

The angle is reset to 180.0365222281632

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

loop closure

The counter is 4469

The angle is reset to 180.0255655597142

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 4470

The angle is reset to 180.01789589179992

Energy injection at [6, 3]

The counter is 4471

The angle is reset to 180.01252712425995

Energy injection at [6, 3]

The counter is 4472

The angle is reset to 180.53376898698195

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 4473

The angle is reset to 180.37363829088736

Energy injection at [6, 3]

The counter is 4474

The angle is reset to 180.26154680362114

Energy injection at [6, 3]

The counter is 4475

The angle is reset to 180.1830827625348

Energy injection at [6, 3]

The counter is 4476

The angle is reset to 180.12815793377433

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 2

The counter is 4477

The angle is reset to 180.08971055364205

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 4478

The angle is reset to 179.53779738754943

Energy injection at [6, 2]

The counter is 4479

The angle is reset to 179.15145817128456

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 4480

The angle is reset to 179.4060207198992

Energy injection at [6, 2]

The counter is 4487

The angle is reset to 180.63421450392943

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 4488

The angle is reset to 180.44395015275057

Energy injection at [6, 1]

The counter is 4489

The angle is reset to 180.3107651069254

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 4490

The angle is reset to 180.21753557484774

Energy injection at [6, 1]

The counter is 4491

The angle is reset to 180.15227490239343

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 4492

The angle is reset to 180.1065924316754

Energy injection at [6, 1]

The counter is 4493

The angle is reset to 180.07461470217274

Energy injection at [6, 1]

The counter is 4500

The angle is reset to 182.67723029152094

Energy injection at [6, 0]

hash collision

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

The current number of the iteration is 4500

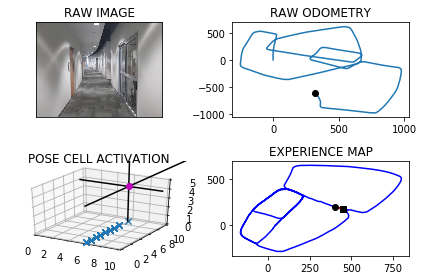
29.0239999294 seconds are elapsed per 100 frames.

The number of units of the VT is 1722

The number of units of the experience map is 1776

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The counter is 4507

The angle is reset to 182.92406120406466

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 7

loop closure

The counter is 4510

The angle is reset to 183.09684284284526

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 4511

The angle is reset to 182.16778998999166

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

The counter is 4514

The angle is reset to 181.51745299299418

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 4519

The angle is reset to 181.58721709509592

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 4520

The angle is reset to 181.6360519665671

Energy injection at [6, 5]

The counter is 4521

The angle is reset to 181.670236376597

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 4529

The angle is reset to 181.69416546361788

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 4530

The angle is reset to 181.1859158245325

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 4

The counter is 4531

The angle is reset to 180.83014107717275

Energy injection at [6, 4]

The counter is 4532

The angle is reset to 180.58109875402093

Energy injection at [6, 4]

The counter is 4535

The angle is reset to 180.4067691278146

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

loop closure

The counter is 4536

The angle is reset to 180.28473838947025

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 4537

The angle is reset to 179.67431687262916

Energy injection at [6, 3]

The counter is 4541

The angle is reset to 179.2470218108404

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 4544

The angle is reset to 179.9979152675883

Energy injection at [6, 1]

The counter is 4549

The angle is reset to 180.52354068731177

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

loop closure

The counter is 4550

The angle is reset to 180.3664784811182

Energy injection at [6, 0]

The counter is 4551

The angle is reset to 180.25653493678277

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4552

The angle is reset to 180.17957445574794

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4553

The angle is reset to 180.12570211902352

Energy injection at [6, 0]

The counter is 4554

The angle is reset to 181.13799148331645

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 0

The counter is 4555

The angle is reset to 181.3215940383215

Energy injection at [6, 0]

The counter is 4559

The angle is reset to 181.45011582682508

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 4560

The angle is reset to 181.01508107877754

Energy injection at [6, 8]

The counter is 4561

The angle is reset to 180.71055675514427

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

The counter is 4562

The angle is reset to 180.49738972860095

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 7

The counter is 4564

The angle is reset to 180.34817281002069

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 7

loop closure

The counter is 4565

The angle is reset to 180.24372096701447

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

The counter is 4569

The angle is reset to 180.1706046769101

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 4570

The angle is reset to 180.11942327383704

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

The counter is 4571

The angle is reset to 180.08359629168592

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 8

The counter is 4572

The angle is reset to 180.05851740418012

Energy injection at [6, 8]

The counter is 4573

The angle is reset to 179.5159621829261

Energy injection at [6, 8]

The counter is 4574

The angle is reset to 179.66117352804827

Energy injection at [6, 8]

The counter is 4575

The angle is reset to 179.7628214696338

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 4576

The angle is reset to 179.83397502874365

Energy injection at [6, 7]

The counter is 4577

The angle is reset to 180.40878252012055

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 4578

The angle is reset to 180.81114776408435

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 4579

The angle is reset to 180.56780343485903

Energy injection at [6, 7]

The counter is 4580

The angle is reset to 180.39746240440135

Energy injection at [6, 7]

The counter is 4581

The angle is reset to 180.2782236830809

Energy injection at [6, 7]

The counter is 4582

The angle is reset to 180.1947565781566

Energy injection at [6, 7]

The counter is 4583

The angle is reset to 180.1363296047096

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 4584

The angle is reset to 180.09543072329672

Energy injection at [6, 7]

The counter is 4585

The angle is reset to 180.0668015063077

Energy injection at [6, 7]

The counter is 4588

The angle is reset to 180.04676105441538

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 4589

The angle is reset to 180.03273273809074

Energy injection at [6, 6]

The counter is 4590

The angle is reset to 180.02291291666353

Energy injection at [6, 6]

The counter is 4591

The angle is reset to 180.01603904166447

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

The counter is 4592

The angle is reset to 180.01122732916514

Energy injection at [6, 6]

The counter is 4593

The angle is reset to 180.00785913041557

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 6

The counter is 4594

The angle is reset to 180.0055013912909

Energy injection at [6, 6]

The counter is 4595

The angle is reset to 180.0038509739036

Energy injection at [6, 6]

The counter is 4596

The angle is reset to 180.00269568173252

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 4597

The angle is reset to 179.47688697721276

Energy injection at [6, 5]

The counter is 4598

The angle is reset to 179.63382088404893

Energy injection at [6, 5]

The counter is 4599

The angle is reset to 179.74367461883423

Energy injection at [6, 5]

The counter is 4600

The angle is reset to 179.82057223318395

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

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

The current number of the iteration is 4600

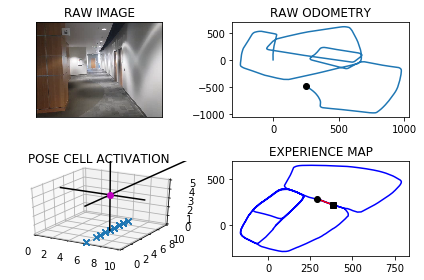
39.9149999619 seconds are elapsed per 100 frames.

The number of units of the VT is 1746

The number of units of the experience map is 1801

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The counter is 4601

The angle is reset to 179.87440056322876

Energy injection at [6, 5]

The counter is 4602

The angle is reset to 179.91208039426013

Energy injection at [6, 5]

The counter is 4606

The angle is reset to 180.46345627598205

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 4607

The angle is reset to 180.32441939318747

Energy injection at [6, 4]

The counter is 4608

The angle is reset to 180.2270935752312

Energy injection at [6, 4]

The counter is 4609

The angle is reset to 180.15896550266183

Energy injection at [6, 4]

The counter is 4610

The angle is reset to 180.11127585186327

Energy injection at [6, 4]

The counter is 4611

The angle is reset to 180.07789309630428

Energy injection at [6, 4]

The counter is 4629

The angle is reset to 182.679525167413

Energy injection at [6, 2]

The counter is 4630

The angle is reset to 182.4006676171891

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 4631

The angle is reset to 181.68046733203235

Energy injection at [6, 1]

The counter is 4632

The angle is reset to 181.17632713242267

Energy injection at [6, 1]

The counter is 4633

The angle is reset to 180.82342899269582

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 4634

The angle is reset to 180.05140029488706

Energy injection at [6, 1]

The counter is 4638

The angle is reset to 180.03598020642093

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 0

loop closure

The counter is 4639

The angle is reset to 180.55018614449466

Energy injection at [6, 1]

The counter is 4640

The angle is reset to 180.91013030114624

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 4641

The angle is reset to 180.63709121080237

Energy injection at [6, 1]

The counter is 4642

The angle is reset to 180.97096384756165

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 1

The counter is 4643

The angle is reset to 180.67967469329318

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4644

The angle is reset to 180.4757722853052

Energy injection at [6, 0]

The counter is 4647

The angle is reset to 180.33304059971366

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 4648

The angle is reset to 180.23312841979953

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4649

The angle is reset to 180.16318989385965

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4650

The angle is reset to 180.63923292570178

Energy injection at [6, 0]

The counter is 4651

The angle is reset to 180.97246304799123

Energy injection at [6, 0]

The counter is 4652

The angle is reset to 180.68072413359386

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4653

The angle is reset to 180.4765068935157

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 4654

The angle is reset to 180.333554825461

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

The counter is 4655

The angle is reset to 180.2334883778227

Energy injection at [6, 0]

The counter is 4656

The angle is reset to 179.63844186447585

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4657

The angle is reset to 179.2219093051331

Energy injection at [6, 0]

The counter is 4658

The angle is reset to 179.45533651359318

Energy injection at [6, 0]

The counter is 4659

The angle is reset to 179.6187355595152

Energy injection at [6, 0]

The counter is 4660

The angle is reset to 179.73311489166062

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4661

The angle is reset to 179.81318042416243

Energy injection at [6, 0]

The counter is 4662

The angle is reset to 179.8692262969137

Energy injection at [6, 0]

The counter is 4667

The angle is reset to 179.90845840783956

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 4673

The angle is reset to 179.9359208854877

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 4674

The angle is reset to 180.48014461984138

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 7

The counter is 4675

The angle is reset to 180.33610123388894

Energy injection at [6, 6]

The counter is 4686

The angle is reset to 181.28527086372227

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 4687

The angle is reset to 180.89968960460558

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 5

loop closure

The counter is 4690

The angle is reset to 181.15478272322392

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 4691

The angle is reset to 180.8083479062567

Energy injection at [6, 4]

The counter is 4692

The angle is reset to 180.5658435343797

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 4693

The angle is reset to 180.3960904740658

Energy injection at [6, 4]

The counter is 4694

The angle is reset to 180.27726333184606

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 4695

The angle is reset to 180.19408433229225

Energy injection at [6, 3]

The counter is 4696

The angle is reset to 180.13585903260454

Energy injection at [6, 3]

The counter is 4697

The angle is reset to 180.09510132282318

Energy injection at [6, 3]

The counter is 4698

The angle is reset to 180.06657092597624

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 4699

The angle is reset to 180.04659964818333

Energy injection at [6, 3]

The counter is 4700

The angle is reset to 180.03261975372834

Energy injection at [6, 3]

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The current number of the iteration is 4700

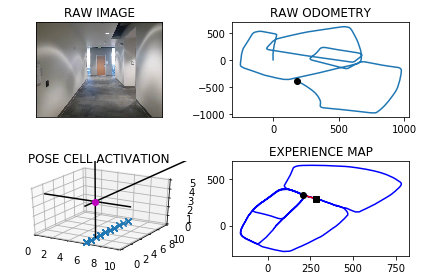
31.2660000324 seconds are elapsed per 100 frames.

The number of units of the VT is 1764

The number of units of the experience map is 1820

02/20/19 11:43:56

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The counter is 4701

The angle is reset to 180.02283382760984

Energy injection at [6, 3]

The counter is 4702

The angle is reset to 180.01598367932684

Energy injection at [6, 3]

The counter is 4703

The angle is reset to 180.0111885755288

Energy injection at [6, 3]

The counter is 4704

The angle is reset to 180.00783200287015

Energy injection at [6, 3]

The counter is 4708

The angle is reset to 180.0054824020091

Energy injection at [6, 2]

The counter is 4709

The angle is reset to 180.00383768140634

Energy injection at [6, 2]

The counter is 4710

The angle is reset to 180.52768637698443

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 4711

The angle is reset to 180.3693804638891

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 4715

The angle is reset to 180.78356632472233

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 1

loop closure

The counter is 4716

The angle is reset to 180.54849642730565

Energy injection at [6, 2]

The counter is 4717

The angle is reset to 180.38394749911396

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 4718

The angle is reset to 180.2687632493798

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 4719

The angle is reset to 180.1881342745658

Energy injection at [6, 2]

The counter is 4720

The angle is reset to 180.1316939921961

Energy injection at [6, 2]

The counter is 4724

The angle is reset to 180.09218579453724

Energy injection at [6, 0]

The counter is 4725

The angle is reset to 180.06453005617604

Energy injection at [6, 0]

The counter is 4726

The angle is reset to 180.04517103932324

Energy injection at [6, 0]

The counter is 4727

The angle is reset to 180.03161972752625

Energy injection at [6, 0]

The counter is 4728

The angle is reset to 180.02213380926835

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 4729

The angle is reset to 180.01549366648783

Energy injection at [6, 0]

The counter is 4730

The angle is reset to 180.0108455665415

Energy injection at [6, 0]

The counter is 4731

The angle is reset to 180.00759189657902

Energy injection at [6, 0]

The counter is 4732

The angle is reset to 180.0053143276053

Energy injection at [6, 0]

The counter is 4733

The angle is reset to 180.00372002932372

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 0

The counter is 4734

The angle is reset to 180.00260402052658

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 4735

The angle is reset to 180.52682281436861

Energy injection at [6, 0]

The counter is 4736

The angle is reset to 180.36877597005804

Energy injection at [6, 0]

The counter is 4737

The angle is reset to 180.25814317904062

Energy injection at [6, 0]

The counter is 4738

The angle is reset to 193.68070022532842

Energy injection at [2, 5]

The counter is 4739

The angle is reset to 202.55149015772986

Energy injection at [2, 5]

The counter is 4740

The angle is reset to 209.28604311041093

Energy injection at [2, 5]

hash collision

The counter is 4741

The angle is reset to 214.00023017728765

Energy injection at [2, 5]

hash collision

The counter is 4742

The angle is reset to 217.30016112410132

Energy injection at [2, 5]

hash collision

The counter is 4743

The angle is reset to 219.61011278687093

Energy injection at [2, 5]

min\_delta\_val

1.4142135623730951

e\_pc 2 5

current pc 1 4

loop closure

The counter is 4744

The angle is reset to 221.75207895080965

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 222.72645526556673

Energy injection at [2, 5]

The counter is 4747

The angle is reset to 223.40851868589672

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 223.8859630801277

Energy injection at [1, 4]

The counter is 4749

The angle is reset to 223.6951741560894

Energy injection at [1, 4]

The counter is 4750

The angle is reset to 223.56162190926256

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 223.46813533648378

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 223.40269473553863

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 4755

The angle is reset to 223.88188631487705

Energy injection at [0, 3]

The counter is 4756

The angle is reset to 224.2173204204139

Energy injection at [0, 3]

min\_delta\_val

1.4142135623730951

e\_pc 0 3

current pc 9 2

The counter is 4757

The angle is reset to 224.45212429428972

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 4758

The angle is reset to 225.1414870060028

Energy injection at [1, 4]

The counter is 4760

The angle is reset to 226.67404090420195

Energy injection at [9, 2]

The counter is 4761

The angle is reset to 226.17182863294136

Energy injection at [9, 2]

The counter is 4762

The angle is reset to 226.34528004305892

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 9 2

loop closure

The counter is 4763

The angle is reset to 225.94169603014123

Energy injection at [9, 2]

The counter is 4764

The angle is reset to 225.6591872210989

Energy injection at [9, 2]

The counter is 4765

The angle is reset to 225.46143105476924

Energy injection at [9, 2]

The counter is 4766

The angle is reset to 225.32300173833843

Energy injection at [9, 2]

The counter is 4767

The angle is reset to 225.22610121683692

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 2

The counter is 4768

The angle is reset to 225.1582708517858

Energy injection at [8, 1]

The counter is 4771

The angle is reset to 225.11078959625007

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 225.07755271737503

Energy injection at [0, 3]

The counter is 4773

The angle is reset to 225.05428690216252

Energy injection at [8, 1]

The counter is 4774

The angle is reset to 225.03800083151376

Energy injection at [8, 1]

The counter is 4775

The angle is reset to 225.0266005820596

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 224.4936204074417

Energy injection at [8, 1]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 4777

The angle is reset to 224.64553428520918

Energy injection at [7, 0]

hash collision

The counter is 4778

The angle is reset to 224.75187399964642

Energy injection at [7, 0]

hash collision

The counter is 4779

The angle is reset to 224.8263117997525

Energy injection at [6, 9]

min\_delta\_val

1.4142135623730951

e\_pc 7 0

current pc 6 9

loop closure

The counter is 4780

The angle is reset to 225.40341825982676

Energy injection at [6, 9]

The counter is 4781

The angle is reset to 225.80739278187872

Energy injection at [7, 0]

The counter is 4782

The angle is reset to 226.0901749473151

Energy injection at [7, 0]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 7 0

loop closure

The counter is 4783

The angle is reset to 226.28812246312057

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 4784

The angle is reset to 226.42668572418438

Energy injection at [6, 9]

The counter is 4785

The angle is reset to 229.14868000692908

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 4786

The angle is reset to 228.42907600485032

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 4787

The angle is reset to 230.0253532033952

Energy injection at [5, 8]

The counter is 4788

The angle is reset to 229.04274724237663

Energy injection at [5, 8]

The counter is 4794

The angle is reset to 239.9049230696636

Energy injection at [6, 8]

The counter is 4795

The angle is reset to 239.6334461487645

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

over

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The current number of the iteration is 4800

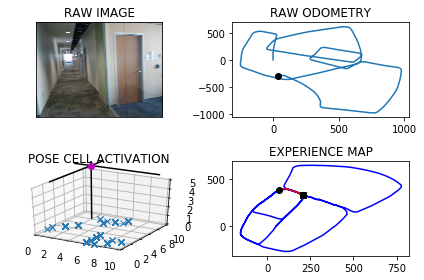
40.9820001125 seconds are elapsed per 100 frames.

The number of units of the VT is 1781

The number of units of the experience map is 1846

02/20/19 11:44:37

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The counter is 4812

The angle is reset to 295.8434123041351

Energy injection at [0, 0]

The counter is 4813

The angle is reset to 301.5903886128945

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

loop closure

The counter is 4814

The angle is reset to 305.6132720290262

Energy injection at [0, 0]

The counter is 4815

The angle is reset to 308.4292904203183

Energy injection at [0, 0]

The counter is 4816

The angle is reset to 309.87550329422277

Energy injection at [0, 0]

min\_delta\_val

1.4142135623730951

e\_pc 9 1

current pc 0 0

The counter is 4817

The angle is reset to 311.41285230595594

Energy injection at [0, 0]

The counter is 4818

The angle is reset to 312.48899661416914

Energy injection at [9, 1]

min\_delta\_val

1.4142135623730951

e\_pc 9 1

current pc 0 0

The counter is 4819

The angle is reset to 313.24229762991837

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4820

The angle is reset to 313.76960834094285

Energy injection at [9, 1]

The counter is 4821

The angle is reset to 314.13872583866

Energy injection at [8, 6]

min\_delta\_val

5.0990195135927845

e\_pc 8 6

current pc 9 1

new experience map with case 2

The counter is 4822

The angle is reset to 314.39710808706195

Energy injection at [8, 6]

The counter is 4823

The angle is reset to 314.57797566094337

Energy injection at [8, 6]

The counter is 4824

The angle is reset to 315.2295829626604

Energy injection at [8, 6]

min\_delta\_val

0.0

e\_pc 8 6

current pc 8 6

loop closure

The counter is 4825

The angle is reset to 315.6857080738622

Energy injection at [8, 6]

min\_delta\_val

1.4142135623730951

e\_pc 9 7

current pc 8 6

loop closure

The counter is 4826

The angle is reset to 315.4799956517035

Energy injection at [8, 6]

The counter is 4827

The angle is reset to 315.33599695619245

Energy injection at [8, 7]

min\_delta\_val

1.0

e\_pc 8 7

current pc 8 6

loop closure

The counter is 4828

The angle is reset to 315.2351978693347

Energy injection at [8, 7]

The counter is 4829

The angle is reset to 314.6396385085343

Energy injection at [8, 7]

counter 4829

multiple peak # >2

[7L, 7L, 8L] [7L, 8L, 7L]

min\_delta\_val

1.0

e\_pc 7 8

current pc 7 7

loop closure

The counter is 4830

The angle is reset to 314.222746955974

Energy injection at [8, 7]

The counter is 4831

The angle is reset to 314.4559228691818

Energy injection at [7, 8]

min\_delta\_val

0.0

e\_pc 7 8

current pc 7 8

The counter is 4832

The angle is reset to 314.6191460084272

Energy injection at [7, 8]

The counter is 4833

The angle is reset to 314.73340220589904

Energy injection at [7, 8]

min\_delta\_val

0.0

e\_pc 7 8

current pc 7 8

loop closure

The counter is 4834

The angle is reset to 314.81338154412936

Energy injection at [7, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 7 8

The counter is 4835

The angle is reset to 314.86936708089047

Energy injection at [6, 9]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 7 8

The counter is 4836

The angle is reset to 314.90855695662333

Energy injection at [6, 9]

The counter is 4837

The angle is reset to 314.93598986963633

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 4838

The angle is reset to 314.9551929087454

Energy injection at [6, 9]

The counter is 4839

The angle is reset to 314.9686350361217

Energy injection at [6, 9]

The counter is 4840

The angle is reset to 314.45304452528524

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

loop closure

The counter is 4841

The angle is reset to 314.0921311676996

Energy injection at [6, 8]

The counter is 4842

The angle is reset to 314.36449181738965

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 4843

The angle is reset to 314.55514427217275

Energy injection at [5, 9]

The counter is 4844

The angle is reset to 314.6886009905209

Energy injection at [5, 9]

The counter is 4845

The angle is reset to 314.7820206933646

Energy injection at [5, 9]

min\_delta\_val

1.4142135623730951

e\_pc 5 9

current pc 4 0

The counter is 4846

The angle is reset to 314.84741448535516

Energy injection at [5, 9]

The counter is 4847

The angle is reset to 314.89319013974864

Energy injection at [5, 9]

The counter is 4848

The angle is reset to 314.92523309782405

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 9

The counter is 4849

The angle is reset to 314.9476631684768

Energy injection at [5, 0]

The counter is 4850

The angle is reset to 314.96336421793376

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 4851

The angle is reset to 314.9743549525536

Energy injection at [5, 0]

The counter is 4852

The angle is reset to 314.9820484667875

Energy injection at [5, 0]

The counter is 4853

The angle is reset to 314.98743392675124

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

The counter is 4854

The angle is reset to 314.4662037487259

Energy injection at [4, 1]

The counter is 4855

The angle is reset to 314.6263426241081

Energy injection at [4, 1]

The counter is 4856

The angle is reset to 314.7384398368756

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

The counter is 4857

The angle is reset to 314.81690788581295

Energy injection at [4, 1]

min\_delta\_val

1.0

e\_pc 4 2

current pc 4 1

The counter is 4858

The angle is reset to 314.87183552006906

Energy injection at [4, 1]

The counter is 4859

The angle is reset to 314.9102848640483

Energy injection at [4, 1]

The counter is 4860

The angle is reset to 314.93719940483385

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 4 1

The counter is 4861

The angle is reset to 314.95603958338364

Energy injection at [3, 1]

The counter is 4862

The angle is reset to 314.9692277083685

Energy injection at [3, 1]

The counter is 4863

The angle is reset to 314.97845939585795

Energy injection at [3, 1]

min\_delta\_val

1.4142135623730951

e\_pc 3 1

current pc 2 2

The counter is 4864

The angle is reset to 314.45992157710054

Energy injection at [3, 1]

The counter is 4865

The angle is reset to 314.09694510397037

Energy injection at [3, 1]

The counter is 4866

The angle is reset to 314.36786157277925

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 4867

The angle is reset to 314.55750310094544

Energy injection at [3, 2]

The counter is 4868

The angle is reset to 314.6902521706617

Energy injection at [3, 2]

The counter is 4869

The angle is reset to 314.7831765194632

Energy injection at [3, 2]

min\_delta\_val

1.4142135623730951

e\_pc 3 2

current pc 2 3

The counter is 4872

The angle is reset to 315.89822356362424

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 4873

The angle is reset to 315.62875649453696

Energy injection at [2, 3]

min\_delta\_val

1.4142135623730951

e\_pc 3 2

current pc 2 3

The counter is 4877

The angle is reset to 328.9401295461758

Energy injection at [9, 6]

The counter is 4878

The angle is reset to 338.25809068232303

Energy injection at [9, 6]

The counter is 4879

The angle is reset to 344.78066347762615

Energy injection at [9, 6]

The counter is 4880

The angle is reset to 349.3464644343383

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

loop closure

The counter is 4881

The angle is reset to 352.5425251040368

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 354.7797675728257

Energy injection at [9, 7]

The counter is 4883

The angle is reset to 356.34583730097796

Energy injection at [9, 7]

The counter is 4884

The angle is reset to 357.4420861106846

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 358.2094602774792

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

The counter is 4886

The angle is reset to 358.74662219423544

Energy injection at [9, 6]

The counter is 4887

The angle is reset to 359.1226355359647

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 4888

The angle is reset to 359.3858448751753

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

The counter is 4889

The angle is reset to 359.5700914126227

Energy injection at [9, 8]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

The counter is 4891

The angle is reset to 359.69906398883586

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 4892

The angle is reset to 359.78934479218515

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

The counter is 4893

The angle is reset to 359.8525413545296

Energy injection at [9, 8]

min\_delta\_val

0.0

e\_pc 9 8

current pc 9 8

loop closure

The counter is 4894

The angle is reset to 359.8967789481707

Energy injection at [9, 8]

The counter is 4897

The angle is reset to 346.4277452637195

Energy injection at [5, 9]

The counter is 4900

The angle is reset to 350.4994216846036

Energy injection at [9, 0]

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The current number of the iteration is 4900

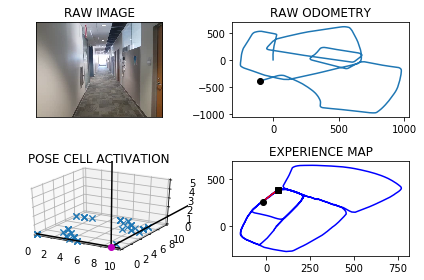
50.118999958 seconds are elapsed per 100 frames.

The number of units of the VT is 1793

The number of units of the experience map is 1865

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The counter is 4901

The angle is reset to 353.3495951792225

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 4902

The angle is reset to 355.34471662545576

Energy injection at [9, 0]

The counter is 4903

The angle is reset to 356.741301637819

Energy injection at [9, 0]

The counter is 4904

The angle is reset to 357.7189111464734

Energy injection at [9, 0]

The counter is 4905

The angle is reset to 358.4032378025313

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 358.8822664617719

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4907

The angle is reset to 359.21758652324024

Energy injection at [9, 1]

The counter is 4908

The angle is reset to 359.4523105662682

Energy injection at [9, 1]

The counter is 4909

The angle is reset to 359.6166173963877

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 4910

The angle is reset to 359.20663217747136

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 358.91964252422997

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 359.2437497669609

Energy injection at [9, 1]

The counter is 4913

The angle is reset to 359.4706248368726

Energy injection at [9, 1]

The counter is 4914

The angle is reset to 359.6294373858108

Energy injection at [9, 1]

The counter is 4915

The angle is reset to 0.2656061700675697

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 0.1859243190472988

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 0.6551470233331091

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 0.4586029163331764

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 0.3210220414332234

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 0.2247154290032564

Energy injection at [9, 5]

The counter is 4931

The angle is reset to 0.15730080030227947

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 0.1101105602115956

Energy injection at [9, 5]

The counter is 4933

The angle is reset to 0.07707739214811692

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 359.52895417450367

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 359.67026792215256

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 359.7691875455068

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 359.8384312818547

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 359.8869018972983

Energy injection at [9, 6]

The counter is 4939

The angle is reset to 359.92083132810876

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 359.9445819296761

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 0.48620735077327887

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 0.3403451455412952

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 0.23824160187890658

Energy injection at [9, 7]

The counter is 4945

The angle is reset to 0.1667691213152346

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 359.59173838492063

Energy injection at [9, 7]

The counter is 4948

The angle is reset to 359.1892168694444

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 359.4324518086111

Energy injection at [9, 7]

The counter is 4950

The angle is reset to 359.60271626602776

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 0.24690138621941157

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 0.1728309703535881

Energy injection at [9, 7]

The counter is 4961

The angle is reset to 359.5959816792475

Energy injection at [9, 0]

The counter is 4962

The angle is reset to 359.71718717547316

Energy injection at [9, 0]

The counter is 4963

The angle is reset to 359.8020310228313

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

loop closure

The counter is 4964

The angle is reset to 359.86142171598186

Energy injection at [9, 0]

The counter is 4965

The angle is reset to 0.42799520118729356

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 0.2995966408311055

Energy injection at [9, 1]

The counter is 4967

The angle is reset to 0.20971764858177383

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 0.14680235400724168

Energy injection at [9, 1]

The counter is 4969

The angle is reset to 0.10276164780506916

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 0.07193315346354842

Energy injection at [9, 2]

The counter is 4971

The angle is reset to 0.05035320742448389

Energy injection at [9, 2]

The counter is 4972

The angle is reset to 0.03524724519713872

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 0.0246730716379971

Energy injection at [9, 2]

The counter is 4974

The angle is reset to 0.017271150146597972

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 0.012089805102618579

Energy injection at [9, 3]

The counter is 4976

The angle is reset to 0.5334628635718329

Energy injection at [9, 3]

The counter is 4977

The angle is reset to 0.37342400450028307

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 0.2613968031501981

Energy injection at [9, 3]

The counter is 4979

The angle is reset to 0.18297776220513864

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 0.12808443354359705

Energy injection at [9, 4]

The counter is 4981

The angle is reset to 359.5646591034805

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 359.69526137243633

Energy injection at [9, 4]

The counter is 4983

The angle is reset to 359.7866829607054

Energy injection at [9, 4]

The counter is 4984

The angle is reset to 359.85067807249374

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 359.8954746507456

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 0.45183225552191053

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 0.8412825788653372

Energy injection at [9, 5]

The counter is 4988

The angle is reset to 1.1138978052057358

Energy injection at [9, 5]

The counter is 4989

The angle is reset to 1.304728463644015

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 0.9133099245508105

Energy injection at [9, 6]

The counter is 4991

The angle is reset to 0.6393169471855674

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 0.44752186302989705

Energy injection at [9, 6]

The counter is 4993

The angle is reset to 0.3132653041209279

Energy injection at [9, 6]

The counter is 4994

The angle is reset to 0.21928571288464954

Energy injection at [9, 6]

The counter is 4995

The angle is reset to 0.15349999901925465

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 0.10744999931347826

Energy injection at [9, 7]

The counter is 4997

The angle is reset to 0.07521499951943478

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

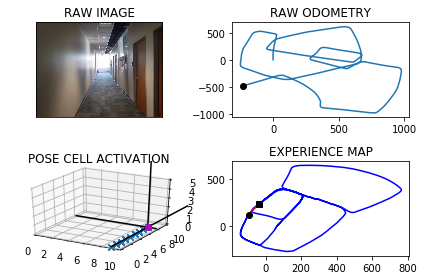
58.4240000248 seconds are elapsed per 100 frames.

The number of units of the VT is 1808

The number of units of the experience map is 1881

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The counter is 5004

The angle is reset to 359.52765049966354

Energy injection at [9, 9]

The counter is 5005

The angle is reset to 359.6693553497645

Energy injection at [9, 9]

The counter is 5006

The angle is reset to 359.7685487448351

Energy injection at [9, 9]

The counter is 5007

The angle is reset to 359.8379841213845

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 359.88658888496917

Energy injection at [9, 9]

The counter is 5009

The angle is reset to 0.44561221947843555

Energy injection at [9, 9]

The counter is 5010

The angle is reset to 0.8369285536349048

Energy injection at [9, 9]

The counter is 5011

The angle is reset to 0.5858499875444334

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 0.4100949912811033

Energy injection at [9, 0]

The counter is 5013

The angle is reset to 0.2870664938967723

Energy injection at [9, 0]

The counter is 5014

The angle is reset to 0.2009465457277406

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 0.1406625820094184

Energy injection at [9, 0]

The counter is 5016

The angle is reset to 0.09846380740659288

Energy injection at [9, 0]

The counter is 5017

The angle is reset to 0.06892466518461501

Energy injection at [9, 0]

The counter is 5018

The angle is reset to 0.048247265629230505

Energy injection at [9, 0]

The counter is 5019

The angle is reset to 0.033773085940461356

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 0.5486411601583229

Energy injection at [9, 1]

The counter is 5021

The angle is reset to 0.38404881211082603

Energy injection at [9, 1]

The counter is 5022

The angle is reset to 0.2688341684775782

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 0.18818391793430472

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 0.13172874255401332

Energy injection at [9, 2]

The counter is 5025

The angle is reset to 0.09221011978780932

Energy injection at [9, 2]

The counter is 5026

The angle is reset to 0.06454708385146651

Energy injection at [9, 2]

The counter is 5027

The angle is reset to 359.520182958696

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 359.1391280710872

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 359.397389649761

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 359.57817275483274

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 0.2297209283829078

Energy injection at [9, 3]

The counter is 5032

The angle is reset to 0.6858046498680354

Energy injection at [9, 3]

The counter is 5033

The angle is reset to 1.0050632549076246

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 1.2285442784353373

Energy injection at [9, 3]

The counter is 5035

The angle is reset to 1.384980994904736

Energy injection at [9, 3]

The counter is 5036

The angle is reset to 1.494486696433315

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 1.0461406875033203

Energy injection at [9, 4]

The counter is 5038

The angle is reset to 0.7322984812523242

Energy injection at [9, 4]

The counter is 5039

The angle is reset to 0.512608936876627

Energy injection at [9, 4]

The counter is 5040

The angle is reset to 0.35882625581363886

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 0.25117837906954715

Energy injection at [9, 5]

The counter is 5042

The angle is reset to 0.17582486534868302

Energy injection at [9, 5]

The counter is 5043

The angle is reset to 0.648077405744078

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 0.9786541840208545

Energy injection at [9, 5]

The counter is 5047

The angle is reset to 0.685057928814598

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 5048

The angle is reset to 0.4795405501702187

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 5049

The angle is reset to 0.33567838511915304

Energy injection at [9, 6]

The counter is 5050

The angle is reset to 0.23497486958340708

Energy injection at [9, 6]

The counter is 5051

The angle is reset to 0.16448240870838496

Energy injection at [9, 6]

The counter is 5052

The angle is reset to 359.59013768609583

Energy injection at [9, 6]

The counter is 5053

The angle is reset to 359.1880963802671

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

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

1.0

e\_pc 9 8

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]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 8

loop closure

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, 5]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 5

loop closure

The counter is 5096

The angle is reset to 0.000366549483615046

Energy injection at [9, 5]

The counter is 5097

The angle is reset to 0.0002565846385305322

Energy injection at [9, 5]

The counter is 5099

The angle is reset to 0.0001796092469713725

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 5100

The angle is reset to 0.00012572647287996074

Energy injection at [9, 5]

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

The current number of the iteration is 5100

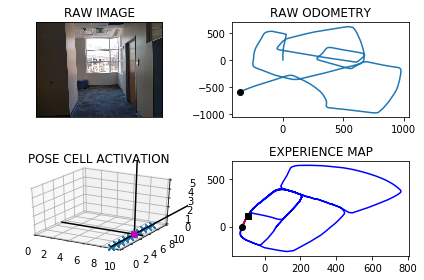
53.8919999599 seconds are elapsed per 100 frames.

The number of units of the VT is 1816

The number of units of the experience map is 1890

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The counter is 5103

The angle is reset to 0.5250880085310159

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 0.3675616059717111

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 359.7322931241802

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 359.81260518692613

Energy injection at [9, 8]

The counter is 5112

The angle is reset to 359.8688236308483

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 359.9081765415938

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 359.93572357911563

Energy injection at [9, 8]

The counter is 5115

The angle is reset to 359.95500650538094

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 359.9685045537666

Energy injection at [9, 8]

The counter is 5117

The angle is reset to 359.9779531876367

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 359.98456723134564

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 5120

The angle is reset to 359.4641970619419

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 359.09993794335935

Energy injection at [9, 9]

The counter is 5122

The angle is reset to 358.8449565603515

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 359.191469592246

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 359.4340287145722

Energy injection at [9, 9]

The counter is 5125

The angle is reset to 359.6038201002005

Energy injection at [9, 9]

The counter is 5126

The angle is reset to 0.2476740701403636

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 0.6983718490982543

Energy injection at [9, 0]

The counter is 5128

The angle is reset to 0.4888602943687781

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 0.8672022060581445

Energy injection at [9, 0]

The counter is 5130

The angle is reset to 0.6070415442407011

Energy injection at [9, 0]

The counter is 5131

The angle is reset to 0.42492908096849075

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 0.2974503566779435

Energy injection at [9, 1]

The counter is 5133

The angle is reset to 0.20821524967456043

Energy injection at [9, 1]

The counter is 5134

The angle is reset to 0.1457506747721923

Energy injection at [9, 1]

The counter is 5135

The angle is reset to 0.10202547234053459

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 0.07141783063837422

Energy injection at [9, 1]

The counter is 5137

The angle is reset to 0.04999248144686194

Energy injection at [9, 1]

The counter is 5138

The angle is reset to 0.5599947370128033

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 0.9169963159089622

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

The counter is 5140

The angle is reset to 1.1668974211362735

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 5141

The angle is reset to 1.3418281947953912

Energy injection at [9, 4]

The counter is 5146

The angle is reset to 13.014279736356771

Energy injection at [9, 4]

The counter is 5149

The angle is reset to 32.05999581544974

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 5150

The angle is reset to 35.94199707081482

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 5151

The angle is reset to 32.35939794957037

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 5152

The angle is reset to 36.15157856469926

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 5170

The angle is reset to 45.631104995289476

Energy injection at [2, 8]

The counter is 5179

The angle is reset to 44.39177349670264

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5182

The angle is reset to 45.099241447691846

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5183

The angle is reset to 45.069469013384285

Energy injection at [3, 9]

The counter is 5185

The angle is reset to 44.52362830936901

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 4 9

loop closure

The counter is 5186

The angle is reset to 44.6665398165583

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5187

The angle is reset to 44.766577871590805

Energy injection at [3, 9]

The counter is 5188

The angle is reset to 44.83660451011356

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5189

The angle is reset to 44.885623157079486

Energy injection at [3, 9]

The counter is 5190

The angle is reset to 44.919936209955644

Energy injection at [3, 9]

The counter is 5191

The angle is reset to 44.94395534696895

Energy injection at [3, 9]

The counter is 5192

The angle is reset to 44.96076874287826

Energy injection at [3, 9]

The counter is 5193

The angle is reset to 44.97253812001478

Energy injection at [3, 9]

The counter is 5194

The angle is reset to 44.980776684010344

Energy injection at [4, 0]

min\_delta\_val

1.0

e\_pc 4 0

current pc 3 0

The counter is 5195

The angle is reset to 44.461543678807246

Energy injection at [4, 0]

The counter is 5196

The angle is reset to 44.62308057516507

Energy injection at [4, 0]

The counter is 5197

The angle is reset to 44.73615640261554

Energy injection at [4, 0]

The counter is 5198

The angle is reset to 44.81530948183087

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5199

The angle is reset to 44.87071663728161

Energy injection at [5, 1]

The counter is 5200

The angle is reset to 45.434501646097125

Energy injection at [5, 1]

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The current number of the iteration is 5200

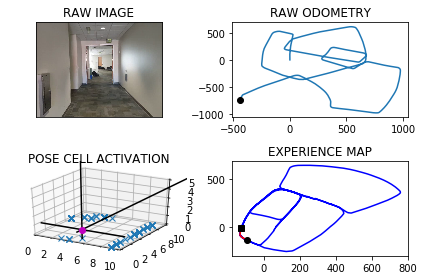
43.5880000591 seconds are elapsed per 100 frames.

The number of units of the VT is 1847

The number of units of the experience map is 1924

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



The counter is 5201

The angle is reset to 45.30415115226798

Energy injection at [5, 1]

The counter is 5202

The angle is reset to 45.212905806587585

Energy injection at [5, 1]

The counter is 5203

The angle is reset to 45.149034064611314

Energy injection at [5, 1]

The counter is 5204

The angle is reset to 45.10432384522792

Energy injection at [5, 1]

The counter is 5205

The angle is reset to 45.07302669165954

Energy injection at [5, 1]

The counter is 5208

The angle is reset to 44.52611868416168

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5209

The angle is reset to 44.66828307891318

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5210

The angle is reset to 44.76779815523922

Energy injection at [6, 2]

The counter is 5211

The angle is reset to 44.83745870866745

Energy injection at [6, 2]

The counter is 5212

The angle is reset to 44.88622109606721

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5214

The angle is reset to 44.92035476724704

Energy injection at [6, 2]

hash collision

The counter is 5215

The angle is reset to 44.94424833707293

Energy injection at [6, 2]

hash collision

The counter is 5216

The angle is reset to 44.960973835951044

Energy injection at [7, 3]

min\_delta\_val

1.0

e\_pc 8 4

current pc 6 3

loop closure

The counter is 5217

The angle is reset to 44.97268168516573

Energy injection at [7, 3]

The counter is 5218

The angle is reset to 44.98087717961601

Energy injection at [7, 3]

The counter is 5219

The angle is reset to 44.98661402573121

Energy injection at [7, 3]

min\_delta\_val

1.4142135623730951

e\_pc 8 4

current pc 7 3

The counter is 5220

The angle is reset to 44.99062981801184

Energy injection at [7, 3]

The counter is 5230

The angle is reset to 46.04344087260828

Energy injection at [0, 6]

The counter is 5233

The angle is reset to 45.73040861082579

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 5234

The angle is reset to 45.51128602757806

Energy injection at [0, 7]

The counter is 5238

The angle is reset to 45.35790021930464

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

loop closure

The counter is 5256

The angle is reset to 42.62553015351326

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5259

The angle is reset to 43.33787110745928

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5260

The angle is reset to 43.836509775221494

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5264

The angle is reset to 44.71055684265504

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 5265

The angle is reset to 44.79738978985852

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5266

The angle is reset to 44.85817285290097

Energy injection at [3, 9]

The counter is 5267

The angle is reset to 44.900720997030675

Energy injection at [3, 9]

The counter is 5268

The angle is reset to 44.93050469792147

Energy injection at [3, 9]

The counter is 5269

The angle is reset to 44.95135328854502

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 5270

The angle is reset to 44.96594730198152

Energy injection at [3, 9]

The counter is 5273

The angle is reset to 44.976163111387066

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

loop closure

The counter is 5274

The angle is reset to 44.98331417797094

Energy injection at [4, 0]

The counter is 5275

The angle is reset to 44.988319924579656

Energy injection at [4, 0]

The counter is 5276

The angle is reset to 44.46682394720577

Energy injection at [4, 0]

min\_delta\_val

1.0

e\_pc 4 0

current pc 5 0

The counter is 5277

The angle is reset to 43.57677676304402

Energy injection at [4, 0]

The counter is 5278

The angle is reset to 44.00374373413082

Energy injection at [4, 0]

The counter is 5279

The angle is reset to 43.77762061389158

Energy injection at [4, 0]

The counter is 5280

The angle is reset to 44.1443344297241

Energy injection at [4, 0]

The counter is 5281

The angle is reset to 43.87603410080686

Energy injection at [4, 0]

The counter is 5282

The angle is reset to 44.2132238705648

Energy injection at [4, 0]

The counter is 5283

The angle is reset to 44.44925670939536

Energy injection at [4, 0]

The counter is 5284

The angle is reset to 44.614479696576744

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 5 1

current pc 4 0

The counter is 5285

The angle is reset to 44.73013578760372

Energy injection at [5, 1]

The counter is 5286

The angle is reset to 44.8110950513226

Energy injection at [5, 1]

The counter is 5287

The angle is reset to 44.342766535925826

Energy injection at [5, 1]

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

The current number of the iteration is 5300

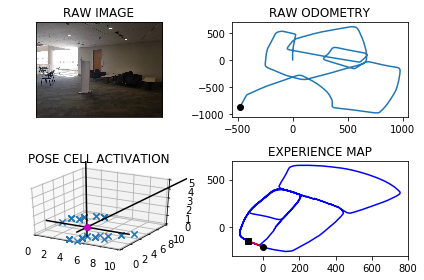
29.0299999714 seconds are elapsed per 100 frames.

The number of units of the VT is 1870

The number of units of the experience map is 1948

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



The counter is 5306

The angle is reset to 52.939936575148074

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 5307

The angle is reset to 52.65795560260364

Energy injection at [5, 2]

The counter is 5308

The angle is reset to 51.41056892182255

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 5319

The angle is reset to 51.06239824527578

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5320

The angle is reset to 49.76867877169305

Energy injection at [6, 2]

The counter is 5321

The angle is reset to 48.863075140185124

Energy injection at [6, 2]

The counter is 5322

The angle is reset to 48.22915259812959

Energy injection at [6, 2]

The counter is 5323

The angle is reset to 47.26040681869071

Energy injection at [7, 3]

counter 5323

multiple peak # >2

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

min\_delta\_val

1.4142135623730951

e\_pc 7 3

current pc 6 2

The counter is 5327

The angle is reset to 44.4822847730835

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

loop closure

The counter is 5328

The angle is reset to 44.63759934115845

Energy injection at [7, 3]

The counter is 5329

The angle is reset to 44.74631953881091

Energy injection at [7, 3]

The counter is 5330

The angle is reset to 44.822423677167635

Energy injection at [7, 3]

The counter is 5331

The angle is reset to 45.400696574017346

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

The counter is 5332

The angle is reset to 45.28048760181213

Energy injection at [8, 4]

The counter is 5333

The angle is reset to 45.19634132126849

Energy injection at [8, 4]

The counter is 5334

The angle is reset to 45.13743892488794

Energy injection at [8, 4]

The counter is 5335

The angle is reset to 45.09620724742156

Energy injection at [8, 4]

The counter is 5336

The angle is reset to 45.067345073195085

Energy injection at [8, 4]

The counter is 5337

The angle is reset to 45.04714155123656

Energy injection at [8, 4]

The counter is 5338

The angle is reset to 44.507999085865585

Energy injection at [8, 4]

The counter is 5339

The angle is reset to 44.13059936010591

Energy injection at [8, 4]

The counter is 5340

The angle is reset to 44.39141955207413

Energy injection at [8, 4]

The counter is 5341

The angle is reset to 44.57399368645189

Energy injection at [8, 4]

The counter is 5342

The angle is reset to 44.70179558051632

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

The counter is 5359

The angle is reset to 44.26625690636143

Energy injection at [0, 6]

min\_delta\_val

0.0

e\_pc 0 6

current pc 0 6

loop closure

The counter is 5360

The angle is reset to 44.486379834453

Energy injection at [0, 6]

The counter is 5364

The angle is reset to 44.64046588411709

Energy injection at [0, 6]

min\_delta\_val

1.0

e\_pc 1 7

current pc 0 7

loop closure

The counter is 5365

The angle is reset to 44.74832611888196

Energy injection at [0, 6]

The counter is 5366

The angle is reset to 45.34882828321737

Energy injection at [0, 6]

The counter is 5369

The angle is reset to 45.76917979825215

Energy injection at [1, 7]

min\_delta\_val

1.4142135623730951

e\_pc 2 8

current pc 1 7

loop closure

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

The current number of the iteration is 5400

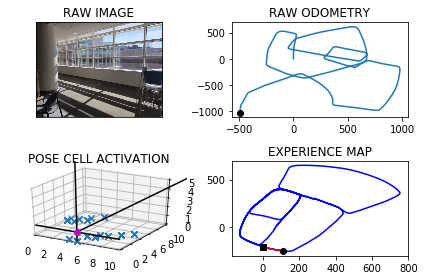
18.2490000725 seconds are elapsed per 100 frames.

The number of units of the VT is 1894

The number of units of the experience map is 1972

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



The counter is 5404

The angle is reset to 43.43842585877652

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 5405

The angle is reset to 43.906898101143554

Energy injection at [5, 1]

The counter is 5408

The angle is reset to 44.23482867080049

Energy injection at [6, 2]

The counter is 5409

The angle is reset to 44.46438006956034

Energy injection at [6, 2]

The counter is 5410

The angle is reset to 44.62506604869224

Energy injection at [6, 2]

The counter is 5417

The angle is reset to 46.312546234084564

Energy injection at [6, 2]

hash collision

The counter is 5418

The angle is reset to 45.91878236385919

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

loop closure

The counter is 5419

The angle is reset to 45.64314765470143

Energy injection at [7, 3]

The counter is 5420

The angle is reset to 44.925203358291

Energy injection at [7, 3]

The counter is 5427

The angle is reset to 44.422642350803706

Energy injection at [7, 3]

min\_delta\_val

0.0

e\_pc 7 3

current pc 7 3

loop closure

The counter is 5428

The angle is reset to 44.59584964556259

Energy injection at [7, 3]

min\_delta\_val

1.0

e\_pc 8 3

current pc 7 3

The counter is 5429

The angle is reset to 44.71709475189381

Energy injection at [7, 3]

The counter is 5430

The angle is reset to 58.301966326325676

Energy injection at [8, 3]

min\_delta\_val

1.0

e\_pc 8 3

current pc 7 3

The counter is 5431

The angle is reset to 67.81137642842796

Energy injection at [8, 3]

The counter is 5442

The angle is reset to 84.44296349989959

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 5445

The angle is reset to 87.6850744499297

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

loop closure

The counter is 5446

The angle is reset to 89.95455211495079

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 5447

The angle is reset to 92.59318648046555

Energy injection at [1, 3]

min\_delta\_val

0.0

e\_pc 1 3

current pc 1 3

loop closure

The counter is 5457

The angle is reset to 122.6402305363259

Energy injection at [3, 2]

The counter is 5458

The angle is reset to 126.3481613754281

Energy injection at [3, 2]

The counter is 5459

The angle is reset to 128.94371296279965

Energy injection at [4, 2]

min\_delta\_val

0.0

e\_pc 4 2

current pc 4 2

loop closure

The counter is 5463

The angle is reset to 130.76059907395975

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 5464

The angle is reset to 132.55741935177184

Energy injection at [5, 1]

The counter is 5465

The angle is reset to 133.29019354624026

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 1

The counter is 5466

The angle is reset to 133.80313548236816

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 1

The counter is 5467

The angle is reset to 134.1621948376577

Energy injection at [5, 0]

The counter is 5468

The angle is reset to 134.41353638636036

Energy injection at [5, 0]

The counter is 5471

The angle is reset to 134.06447547045227

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 5 0

loop closure

The counter is 5477

The angle is reset to 134.87013282931656

Energy injection at [7, 9]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

loop closure

The counter is 5484

The angle is reset to 133.85909298052158

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

loop closure

The counter is 5485

The angle is reset to 134.20136508636512

Energy injection at [8, 7]

min\_delta\_val

0.0

e\_pc 8 7

current pc 8 7

The counter is 5486

The angle is reset to 134.44095556045556

Energy injection at [8, 7]

The counter is 5487

The angle is reset to 134.6086688923189

Energy injection at [8, 7]

The counter is 5488

The angle is reset to 134.7260682246232

Energy injection at [8, 7]

min\_delta\_val

1.0

e\_pc 9 7

current pc 8 7

The counter is 5489

The angle is reset to 134.80824775723624

Energy injection at [8, 7]

The counter is 5497

The angle is reset to 134.34077343006533

Energy injection at [0, 5]

The counter is 5498

The angle is reset to 134.53854140104573

Energy injection at [0, 5]

The counter is 5499

The angle is reset to 134.67697898073197

Energy injection at [1, 5]

min\_delta\_val

0.0

e\_pc 1 5

current pc 1 5

loop closure

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

The current number of the iteration is 5500

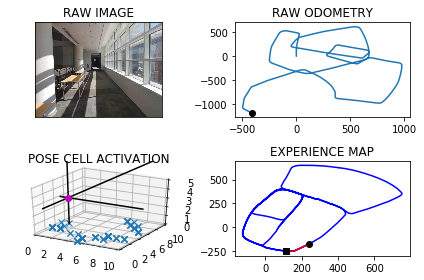
33.0069999695 seconds are elapsed per 100 frames.

The number of units of the VT is 1920

The number of units of the experience map is 2002

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



The counter is 5505

The angle is reset to 134.24888528651238

Energy injection at [2, 4]

The counter is 5506

The angle is reset to 133.94921970055864

Energy injection at [2, 4]

The counter is 5507

The angle is reset to 134.26445379039103

Energy injection at [2, 4]

The counter is 5510

The angle is reset to 134.4851176532737

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 2 3

loop closure

The counter is 5511

The angle is reset to 135.1645823572916

Energy injection at [2, 3]

The counter is 5512

The angle is reset to 135.1152076501041

Energy injection at [4, 2]

counter 5512

multiple peak # >2

[3L, 3L, 4L] [1L, 2L, 1L]

The counter is 5513

The angle is reset to 135.08064535507285

Energy injection at [4, 2]

The counter is 5514

The angle is reset to 135.05645174855098

Energy injection at [4, 2]

The counter is 5515

The angle is reset to 135.03951622398566

Energy injection at [4, 2]

The counter is 5516

The angle is reset to 135.02766135678996

Energy injection at [4, 2]

min\_delta\_val

0.0

e\_pc 4 2

current pc 4 2

loop closure

The counter is 5524

The angle is reset to 134.49436294975294

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 5525

The angle is reset to 134.64605406482704

Energy injection at [6, 0]

The counter is 5526

The angle is reset to 134.75223784537891

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 5527

The angle is reset to 135.35156649176523

Energy injection at [6, 0]

The counter is 5528

The angle is reset to 135.24609654423566

Energy injection at [6, 0]

The counter is 5529

The angle is reset to 134.64726758096492

Energy injection at [7, 9]

min\_delta\_val

1.4142135623730951

e\_pc 7 9

current pc 6 0

The counter is 5530

The angle is reset to 134.75308730667544

Energy injection at [7, 9]

The counter is 5531

The angle is reset to 134.82716111467278

Energy injection at [7, 9]

The counter is 5532

The angle is reset to 134.87901278027095

Energy injection at [7, 9]

The counter is 5533

The angle is reset to 135.44030894618965

Energy injection at [7, 9]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

The counter is 5536

The angle is reset to 136.35821626233275

Energy injection at [7, 9]

min\_delta\_val

1.0

e\_pc 7 8

current pc 8 8

loop closure

The counter is 5537

The angle is reset to 135.95075138363293

Energy injection at [7, 8]

min\_delta\_val

0.0

e\_pc 7 8

current pc 7 8

The counter is 5538

The angle is reset to 135.66552596854302

Energy injection at [7, 8]

The counter is 5539

The angle is reset to 134.9408681779801

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 8

current pc 7 8

The counter is 5542

The angle is reset to 133.90860772458606

Energy injection at [8, 8]

min\_delta\_val

0.0

e\_pc 8 8

current pc 8 8

loop closure

The counter is 5543

The angle is reset to 134.23602540721024

Energy injection at [8, 8]

The counter is 5545

The angle is reset to 135.51521778504718

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 5546

The angle is reset to 135.885652449533

Energy injection at [9, 7]

The counter is 5551

The angle is reset to 136.14495671467307

Energy injection at [9, 6]

min\_delta\_val

1.4142135623730951

e\_pc 0 5

current pc 9 6

loop closure

The counter is 5552

The angle is reset to 135.27646970027115

Energy injection at [9, 6]

The counter is 5557

The angle is reset to 135.19352879018976

Energy injection at [0, 5]

min\_delta\_val

0.0

e\_pc 0 5

current pc 0 5

loop closure

The counter is 5560

The angle is reset to 136.71047015313283

Energy injection at [1, 5]

min\_delta\_val

1.0

e\_pc 1 5

current pc 0 5

loop closure

The counter is 5562

The angle is reset to 136.19732910719299

Energy injection at [1, 5]

min\_delta\_val

0.0

e\_pc 1 5

current pc 1 5

loop closure

The counter is 5563

The angle is reset to 135.8381303750351

Energy injection at [1, 5]

The counter is 5564

The angle is reset to 135.06169126252456

Energy injection at [1, 5]

The counter is 5571

The angle is reset to 136.0931838837672

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 5572

The angle is reset to 135.76522871863702

Energy injection at [2, 3]

The counter is 5573

The angle is reset to 135.5356601030459

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

The counter is 5576

The angle is reset to 134.84996207213212

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 5577

The angle is reset to 134.89497345049247

Energy injection at [2, 3]

The counter is 5583

The angle is reset to 137.02648141534473

Energy injection at [4, 2]

The counter is 5584

The angle is reset to 136.41853699074127

Energy injection at [4, 2]

The counter is 5585

The angle is reset to 135.9929758935189

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

loop closure

The counter is 5586

The angle is reset to 135.6950831254632

Energy injection at [4, 1]

The counter is 5587

The angle is reset to 135.48655818782424

Energy injection at [4, 1]

The counter is 5588

The angle is reset to 135.34059073147696

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 5 0

The counter is 5589

The angle is reset to 135.23841351203384

Energy injection at [5, 1]

The counter is 5590

The angle is reset to 135.16688945842367

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 5591

The angle is reset to 135.11682262089656

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 6 0

current pc 5 1

The counter is 5592

The angle is reset to 135.60677583462757

Energy injection at [5, 1]

The counter is 5596

The angle is reset to 135.9497430842393

Energy injection at [6, 0]

The counter is 5597

The angle is reset to 135.6648201589675

Energy injection at [7, 9]

min\_delta\_val

1.0

e\_pc 7 8

current pc 7 9

loop closure

The counter is 5598

The angle is reset to 135.4653741112772

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

loop closure

The counter is 5599

The angle is reset to 134.80076187789405

Energy injection at [7, 9]

min\_delta\_val

1.0

e\_pc 7 8

current pc 7 9

The counter is 5600

The angle is reset to 134.33553331452583

Energy injection at [7, 9]

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The current number of the iteration is 5600

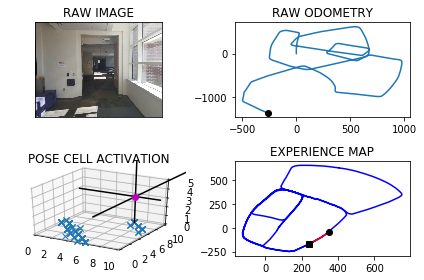
40.8600001335 seconds are elapsed per 100 frames.

The number of units of the VT is 1943

The number of units of the experience map is 2029

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The counter is 5601

The angle is reset to 134.5348733201681

Energy injection at [7, 8]

min\_delta\_val

1.4142135623730951

e\_pc 8 8

current pc 7 9

The counter is 5602

The angle is reset to 134.67441132411764

Energy injection at [7, 8]

The counter is 5603

The angle is reset to 135.29708792688234

Energy injection at [8, 8]

min\_delta\_val

1.0

e\_pc 8 8

current pc 7 8

The counter is 5609

The angle is reset to 136.25796154881763

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 5610

The angle is reset to 135.88057308417234

Energy injection at [9, 6]

The counter is 5611

The angle is reset to 135.0914011589206

Energy injection at [9, 6]

The counter is 5612

The angle is reset to 135.06398081124442

Energy injection at [9, 6]

over

over

The counter is 5614

The angle is reset to 128.7447865678711

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

over

over

The counter is 5636

The angle is reset to 125.89635059750974

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 2 3

loop closure

The counter is 5637

The angle is reset to 128.6274454182568

Energy injection at [2, 3]

The counter is 5638

The angle is reset to 130.53921179277975

Energy injection at [2, 3]

The counter is 5645

The angle is reset to 132.40244825494582

Energy injection at [4, 2]

min\_delta\_val

1.0

e\_pc 4 1

current pc 4 2

loop closure

The counter is 5646

The angle is reset to 132.65671377846203

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 2

loop closure

The counter is 5660

The angle is reset to 134.93469964492343

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 5697

The angle is reset to 136.0042897514464

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

loop closure

The counter is 5698

The angle is reset to 136.75300282601248

Energy injection at [3, 2]

The counter is 5699

The angle is reset to 137.80210197820873

Energy injection at [3, 2]

min\_delta\_val

0.0

e\_pc 3 2

current pc 3 2

The counter is 5700

The angle is reset to 138.5364713847461

Energy injection at [3, 2]

min\_delta\_val

1.4142135623730951

e\_pc 4 1

current pc 3 2

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

The current number of the iteration is 5700

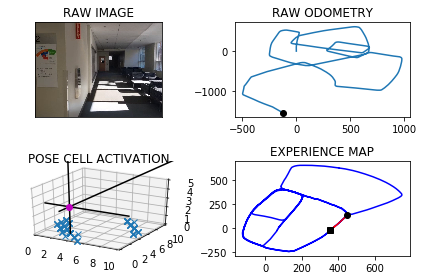
21.1400001049 seconds are elapsed per 100 frames.

The number of units of the VT is 1976

The number of units of the experience map is 2064

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The counter is 5701

The angle is reset to 138.52552996932226

Energy injection at [3, 2]

The counter is 5702

The angle is reset to 139.0428709785256

Energy injection at [4, 1]

min\_delta\_val

1.4142135623730951

e\_pc 4 1

current pc 3 2

The counter is 5703

The angle is reset to 140.4550096849679

Energy injection at [4, 1]

min\_delta\_val

1.4142135623730951

e\_pc 4 1

current pc 5 0

The counter is 5704

The angle is reset to 140.9185067794775

Energy injection at [4, 1]

The counter is 5705

The angle is reset to 141.76795474563423

Energy injection at [4, 1]

min\_delta\_val

1.4142135623730951

e\_pc 4 1

current pc 5 0

The counter is 5706

The angle is reset to 143.41256832194395

Energy injection at [4, 1]

min\_delta\_val

1.4142135623730951

e\_pc 4 1

current pc 5 0

The counter is 5707

The angle is reset to 144.56379782536075

Energy injection at [4, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 4 1

The counter is 5708

The angle is reset to 134.34465847775252

Energy injection at [5, 1]

min\_delta\_val

1.0

e\_pc 5 1

current pc 4 1

The counter is 5709

The angle is reset to 134.54126093442673

Energy injection at [5, 1]

The counter is 5710

The angle is reset to 135.7288826540987

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 5712

The angle is reset to 139.18521785786905

Energy injection at [5, 1]

min\_delta\_val

1.4142135623730951

e\_pc 6 0

current pc 5 1

loop closure

The counter is 5714

The angle is reset to 143.17965250050833

Energy injection at [6, 9]

The counter is 5715

The angle is reset to 157.3757567503558

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

loop closure

The counter is 5716

The angle is reset to 166.78802972524906

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 7

The counter is 5717

The angle is reset to 199.85162080767432

Energy injection at [0, 3]

The counter is 5718

The angle is reset to 194.946134565372

Energy injection at [6, 7]

The counter is 5720

The angle is reset to 191.51229419576038

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 5724

The angle is reset to 188.5836059370323

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 5725

The angle is reset to 186.0085241559226

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 5726

The angle is reset to 184.20596690914581

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 5727

The angle is reset to 183.46917683640203

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 5731

The angle is reset to 184.00342378548143

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5732

The angle is reset to 182.802396649837

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5733

The angle is reset to 181.9616776548859

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5736

The angle is reset to 207.84817435842012

Energy injection at [2, 3]

The counter is 5738

The angle is reset to 226.4937220508941

Energy injection at [5, 2]

The counter is 5739

The angle is reset to 239.54560543562584

Energy injection at [5, 2]

The counter is 5740

The angle is reset to 221.68192380493807

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 5 2

loop closure

The counter is 5741

The angle is reset to 209.17734666345663

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5742

The angle is reset to 200.42414266441966

Energy injection at [6, 2]

The counter is 5743

The angle is reset to 194.29689986509376

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 2

The counter is 5744

The angle is reset to 190.00782990556561

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 5745

The angle is reset to 187.0054809338959

Energy injection at [6, 1]

The counter is 5746

The angle is reset to 184.90383665372713

Energy injection at [6, 1]

The counter is 5747

The angle is reset to 182.907685657609

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 5748

The angle is reset to 182.0353799603263

Energy injection at [6, 1]

The counter is 5749

The angle is reset to 181.42476597222839

Energy injection at [6, 1]

The counter is 5750

The angle is reset to 180.99733618055987

Energy injection at [6, 1]

The counter is 5751

The angle is reset to 181.2231353263919

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 5752

The angle is reset to 181.3811947284743

Energy injection at [6, 0]

The counter is 5753

The angle is reset to 180.96683630993203

Energy injection at [6, 0]

The counter is 5754

The angle is reset to 180.6767854169524

Energy injection at [6, 0]

The counter is 5755

The angle is reset to 180.47374979186668

Energy injection at [6, 0]

hash collision

The counter is 5756

The angle is reset to 180.85662485430666

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 5757

The angle is reset to 180.59963739801466

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 0

loop closure

The counter is 5758

The angle is reset to 180.41974617861027

Energy injection at [6, 9]

The counter is 5762

The angle is reset to 181.34382232502716

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 5763

The angle is reset to 180.940675627519

Energy injection at [6, 9]

The counter is 5764

The angle is reset to 181.1834729392633

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 5765

The angle is reset to 180.82843105748432

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 5766

The angle is reset to 180.57990174023897

Energy injection at [6, 9]

hash collision

The counter is 5767

The angle is reset to 180.4059312181673

Energy injection at [6, 9]

hash collision

The counter is 5768

The angle is reset to 180.2841518527171

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 5769

The angle is reset to 179.67390629690195

Energy injection at [6, 9]

The counter is 5770

The angle is reset to 179.24673440783138

Energy injection at [6, 9]

The counter is 5771

The angle is reset to 179.47271408548193

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 5772

The angle is reset to 179.63089985983734

Energy injection at [6, 9]

The counter is 5773

The angle is reset to 179.74162990188614

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

loop closure

The counter is 5774

The angle is reset to 180.3441409313203

Energy injection at [6, 7]

hash collision

The counter is 5775

The angle is reset to 180.76589865192418

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 5776

The angle is reset to 181.0611290563469

Energy injection at [6, 7]

The counter is 5777

The angle is reset to 181.26779033944285

Energy injection at [6, 7]

The counter is 5778

The angle is reset to 181.41245323761

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 5779

The angle is reset to 180.98871726632697

Energy injection at [6, 7]

The counter is 5780

The angle is reset to 180.69210208642886

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 7

The counter is 5781

The angle is reset to 180.4844714605002

Energy injection at [6, 6]

The counter is 5782

The angle is reset to 180.33913002235013

Energy injection at [6, 6]

The counter is 5783

The angle is reset to 180.2373910156451

Energy injection at [6, 6]

The counter is 5784

The angle is reset to 180.16617371095157

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 5

The counter is 5785

The angle is reset to 180.6413215976661

Energy injection at [6, 6]

The counter is 5786

The angle is reset to 180.44892511836625

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

The counter is 5787

The angle is reset to 180.31424758285635

Energy injection at [6, 6]

The counter is 5788

The angle is reset to 180.74497330799943

Energy injection at [6, 6]

The counter is 5789

The angle is reset to 180.52148131559957

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 6

The counter is 5790

The angle is reset to 180.36503692091972

Energy injection at [6, 5]

The counter is 5791

The angle is reset to 180.25552584464378

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 5792

The angle is reset to 179.65386809125062

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 5793

The angle is reset to 179.23270766387543

Energy injection at [6, 5]

The counter is 5794

The angle is reset to 179.46289536471278

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 5795

The angle is reset to 179.62402675529893

Energy injection at [6, 4]

The counter is 5796

The angle is reset to 179.73681872870927

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 4

loop closure

The counter is 5797

The angle is reset to 179.81577311009647

Energy injection at [6, 5]

The counter is 5800

The angle is reset to 179.87104117706753

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

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

The current number of the iteration is 5800

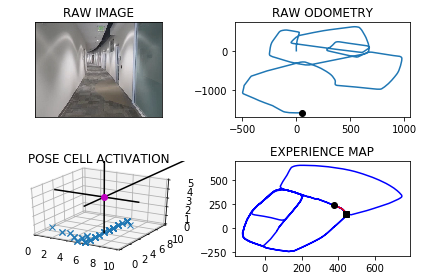
75.885999918 seconds are elapsed per 100 frames.

The number of units of the VT is 1989

The number of units of the experience map is 2083

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The counter is 5804

The angle is reset to 179.38472882394726

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 5805

The angle is reset to 179.56931017676305

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

loop closure

The counter is 5806

The angle is reset to 179.69851712373412

Energy injection at [6, 3]

The counter is 5809

The angle is reset to 179.7889619866139

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 2

loop closure

The counter is 5810

The angle is reset to 180.37727339062974

Energy injection at [6, 3]

The counter is 5811

The angle is reset to 180.2640913734408

Energy injection at [6, 3]

The counter is 5812

The angle is reset to 180.18486396140858

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 3

The counter is 5813

The angle is reset to 180.129404772986

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 5814

The angle is reset to 180.0905833410902

Energy injection at [6, 3]

The counter is 5815

The angle is reset to 180.06340833876308

Energy injection at [6, 3]

The counter is 5816

The angle is reset to 180.04438583713417

Energy injection at [6, 3]

The counter is 5817

The angle is reset to 180.0310700859939

Energy injection at [6, 9]

The counter is 5818

The angle is reset to 180.02174906019573

Energy injection at [6, 7]

The counter is 5819

The angle is reset to 180.015224342137

Energy injection at [6, 7]

The counter is 5820

The angle is reset to 180.01065703949587

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 5821

The angle is reset to 180.0074599276471

Energy injection at [6, 7]

The counter is 5822

The angle is reset to 180.00522194935297

Energy injection at [6, 7]

The counter is 5823

The angle is reset to 180.00365536454706

Energy injection at [6, 2]

The counter is 5824

The angle is reset to 180.00255875518292

Energy injection at [6, 2]

The counter is 5825

The angle is reset to 180.00179112862804

Energy injection at [6, 6]

The counter is 5826

The angle is reset to 180.00125379003964

Energy injection at [6, 6]

The counter is 5827

The angle is reset to 180.00087765302771

Energy injection at [6, 6]

The counter is 5828

The angle is reset to 180.00061435711942

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 6

loop closure

The counter is 5829

The angle is reset to 180.00043004998358

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 5

The counter is 5830

The angle is reset to 180.0003010349885

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 3

The counter is 5831

The angle is reset to 180.00021072449192

Energy injection at [6, 4]

The counter is 5832

The angle is reset to 180.00014750714436

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 5833

The angle is reset to 180.00010325500102

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 5834

The angle is reset to 180.0000722785007

Energy injection at [6, 4]

The counter is 5835

The angle is reset to 180.0000505949505

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 5836

The angle is reset to 180.00003541646535

Energy injection at [6, 4]

The counter is 5837

The angle is reset to 180.00002479152573

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 4

The counter is 5838

The angle is reset to 180.000017354068

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

loop closure

The counter is 5839

The angle is reset to 180.0000121478476

Energy injection at [6, 3]

The counter is 5840

The angle is reset to 179.47500850349329

Energy injection at [6, 3]

The counter is 5841

The angle is reset to 179.63250595244529

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 5842

The angle is reset to 179.74275416671168

Energy injection at [6, 3]

The counter is 5843

The angle is reset to 179.81992791669816

Energy injection at [6, 3]

The counter is 5844

The angle is reset to 179.87394954168872

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 5845

The angle is reset to 179.9117646791821

Energy injection at [6, 3]

The counter is 5846

The angle is reset to 179.93823527542745

Energy injection at [6, 3]

The counter is 5847

The angle is reset to 179.9567646927992

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 5848

The angle is reset to 180.49473528495946

Energy injection at [6, 3]

The counter is 5849

The angle is reset to 180.3463146994716

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 3

The counter is 5850

The angle is reset to 180.24242028963013

Energy injection at [6, 2]

The counter is 5852

The angle is reset to 179.64469420274108

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5853

The angle is reset to 179.75128594191875

Energy injection at [6, 2]

The counter is 5854

The angle is reset to 179.82590015934312

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 1

loop closure

The counter is 5855

The angle is reset to 179.8781301115402

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5856

The angle is reset to 179.91469107807814

Energy injection at [6, 2]

The counter is 5857

The angle is reset to 179.94028375465467

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5858

The angle is reset to 179.95819862825826

Energy injection at [6, 2]

The counter is 5859

The angle is reset to 180.49573903978074

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 2

The counter is 5860

The angle is reset to 180.34701732784654

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 5861

The angle is reset to 180.24291212949257

Energy injection at [6, 1]

The counter is 5862

The angle is reset to 180.1700384906448

Energy injection at [6, 1]

The counter is 5863

The angle is reset to 180.11902694345136

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 0

The counter is 5864

The angle is reset to 180.08331886041591

Energy injection at [6, 1]

The counter is 5865

The angle is reset to 180.05832320229115

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 5866

The angle is reset to 180.0408262416038

Energy injection at [6, 0]

The counter is 5867

The angle is reset to 180.55357836912265

Energy injection at [6, 0]

The counter is 5868

The angle is reset to 180.91250485838586

Energy injection at [6, 0]

The counter is 5869

The angle is reset to 180.6387534008701

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

The counter is 5870

The angle is reset to 180.97212738060904

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

loop closure

The counter is 5871

The angle is reset to 181.2054891664263

Energy injection at [6, 0]

The counter is 5872

The angle is reset to 180.84384241649843

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 0

loop closure

The counter is 5873

The angle is reset to 180.5906896915489

Energy injection at [6, 0]

hash collision

The counter is 5874

The angle is reset to 180.93848278408421

Energy injection at [6, 0]

hash collision

The counter is 5875

The angle is reset to 180.65693794885894

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

loop closure

The counter is 5876

The angle is reset to 179.93485656420123

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 5877

The angle is reset to 179.95439959494084

Energy injection at [6, 8]

The counter is 5878

The angle is reset to 179.9680797164586

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 7

The counter is 5879

The angle is reset to 179.97765580152102

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 5880

The angle is reset to 181.0343590610647

Energy injection at [6, 7]

The counter is 5888

The angle is reset to 181.7740513427453

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 5889

The angle is reset to 181.24183593992169

Energy injection at [6, 5]

The counter is 5893

The angle is reset to 181.39428515794518

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 5

loop closure

The counter is 5894

The angle is reset to 180.97599961056162

Energy injection at [6, 5]

The counter is 5895

The angle is reset to 180.68319972739312

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 5896

The angle is reset to 180.47823980917516

Energy injection at [6, 4]

The counter is 5897

The angle is reset to 180.33476786642262

Energy injection at [6, 4]

The counter is 5898

The angle is reset to 180.2343375064958

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 3

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

The current number of the iteration is 5900

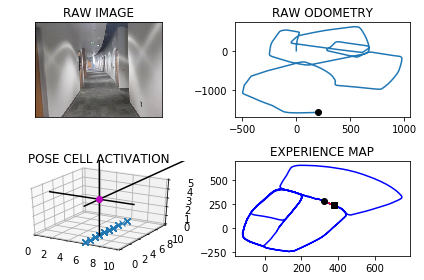
64.5589997768 seconds are elapsed per 100 frames.

The number of units of the VT is 2001

The number of units of the experience map is 2099

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The counter is 5909

The angle is reset to 179.11403625454705

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5912

The angle is reset to 178.85482537818294

Energy injection at [6, 3]

The counter is 5915

The angle is reset to 179.198377764728

Energy injection at [6, 1]

hash collision

The counter is 5916

The angle is reset to 179.4388644353096

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 1

loop closure

The counter is 5917

The angle is reset to 179.6072051047167

Energy injection at [6, 0]

The counter is 5918

The angle is reset to 179.72504357330172

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 5919

The angle is reset to 179.80753050131116

Energy injection at [6, 0]

The counter is 5920

The angle is reset to 179.86527135091782

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

The counter is 5923

The angle is reset to 179.38068994564247

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 5925

The angle is reset to 179.5664829619497

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 5927

The angle is reset to 180.2215380733648

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 5928

The angle is reset to 180.68007665135536

Energy injection at [6, 9]

The counter is 5930

The angle is reset to 181.00105365594874

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 5932

The angle is reset to 180.7007375591641

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 5933

The angle is reset to 180.49051629141488

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 8

The counter is 5935

The angle is reset to 179.8183614039904

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 5937

The angle is reset to 179.87285298279326

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 5939

The angle is reset to 179.91099708795528

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 7

loop closure

The counter is 5941

The angle is reset to 179.93769796156866

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 5942

The angle is reset to 179.95638857309805

Energy injection at [6, 8]

The counter is 5943

The angle is reset to 179.96947200116864

Energy injection at [6, 8]

The counter is 5944

The angle is reset to 179.97863040081805

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 8

The counter is 5945

The angle is reset to 179.9850412805726

Energy injection at [6, 7]

The counter is 5946

The angle is reset to 179.46452889640082

Energy injection at [6, 7]

The counter is 5947

The angle is reset to 179.62517022748057

Energy injection at [6, 7]

The counter is 5948

The angle is reset to 179.73761915923637

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 5949

The angle is reset to 179.81633341146545

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 5950

The angle is reset to 179.8714333880258

Energy injection at [6, 7]

The counter is 5951

The angle is reset to 180.43500337161805

Energy injection at [6, 7]

The counter is 5952

The angle is reset to 180.3045023601326

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 6

The counter is 5953

The angle is reset to 180.21315165209285

Energy injection at [6, 7]

The counter is 5954

The angle is reset to 180.14920615646497

Energy injection at [6, 7]

The counter is 5955

The angle is reset to 180.1044443095255

Energy injection at [6, 7]

The counter is 5956

The angle is reset to 180.0731110166678

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 5957

The angle is reset to 180.05117771166746

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 7

The counter is 5958

The angle is reset to 180.03582439816722

Energy injection at [6, 6]

The counter is 5961

The angle is reset to 180.55007707871707

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 5962

The angle is reset to 180.91005395510194

Energy injection at [6, 6]

The counter is 5963

The angle is reset to 180.63703776857133

Energy injection at [6, 6]

The counter is 5966

The angle is reset to 180.9709264379999

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 5967

The angle is reset to 180.67964850659993

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 5968

The angle is reset to 180.47575395461993

Energy injection at [6, 5]

The counter is 5969

The angle is reset to 179.80802776823396

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 5970

The angle is reset to 179.86561943776374

Energy injection at [6, 5]

The counter is 5971

The angle is reset to 179.9059336064346

Energy injection at [6, 5]

The counter is 5972

The angle is reset to 179.9341535245042

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 5973

The angle is reset to 179.95390746715293

Energy injection at [6, 4]

The counter is 5974

The angle is reset to 179.96773522700707

Energy injection at [6, 4]

The counter is 5975

The angle is reset to 180.50241465890494

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 5976

The angle is reset to 180.87669026123345

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 5977

The angle is reset to 181.1386831828634

Energy injection at [6, 4]

The counter is 5978

The angle is reset to 181.32207822800441

Energy injection at [6, 4]

The counter is 5979

The angle is reset to 180.92545475960304

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 3

The counter is 5980

The angle is reset to 180.6478183317221

Energy injection at [6, 4]

The counter is 5981

The angle is reset to 180.45347283220548

Energy injection at [6, 4]

The counter is 5982

The angle is reset to 179.79243098254383

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 4

loop closure

The counter is 5983

The angle is reset to 179.85470168778068

Energy injection at [6, 3]

The counter is 5984

The angle is reset to 179.89829118144644

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5985

The angle is reset to 179.9288038270125

Energy injection at [6, 2]

The counter is 5986

The angle is reset to 180.47516267890876

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5987

The angle is reset to 180.33261387523612

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 5988

The angle is reset to 180.23282971266525

Energy injection at [6, 2]

The counter is 5989

The angle is reset to 180.16298079886568

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 5990

The angle is reset to 180.114086559206

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 2

loop closure

The counter is 5991

The angle is reset to 179.55486059144417

Energy injection at [6, 1]

The counter is 5992

The angle is reset to 179.68840241401088

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 1

loop closure

The counter is 5993

The angle is reset to 179.25688168980764

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 1

loop closure

The counter is 6000

The angle is reset to 181.05481718286535

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

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The current number of the iteration is 6000

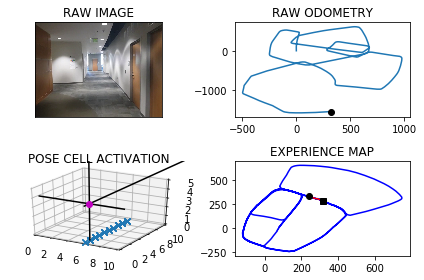
62.111000061 seconds are elapsed per 100 frames.

The number of units of the VT is 2022

The number of units of the experience map is 2121

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The counter is 6001

The angle is reset to 180.73837202800573

Energy injection at [6, 1]

The counter is 6002

The angle is reset to 180.516860419604

Energy injection at [6, 1]

The counter is 6003

The angle is reset to 180.3618022937228

Energy injection at [6, 1]

The counter is 6013

The angle is reset to 179.72826160560595

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 6021

The angle is reset to 180.33478312392415

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 6022

The angle is reset to 180.7593481867469

Energy injection at [6, 0]

The counter is 6023

The angle is reset to 180.53154373072286

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 0

loop closure

The counter is 6024

The angle is reset to 180.37208061150596

Energy injection at [6, 9]

The counter is 6025

The angle is reset to 180.26045642805417

Energy injection at [6, 9]

The counter is 6026

The angle is reset to 180.1823194996379

Energy injection at [6, 9]

The counter is 6027

The angle is reset to 180.12762364974654

Energy injection at [6, 9]

The counter is 6029

The angle is reset to 179.03933655482257

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 6030

The angle is reset to 179.3275355883758

Energy injection at [6, 8]

The counter is 6031

The angle is reset to 179.52927491186307

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 8

The counter is 6032

The angle is reset to 179.6704924383041

Energy injection at [6, 7]

The counter is 6033

The angle is reset to 179.76934470681286

Energy injection at [6, 7]

The counter is 6036

The angle is reset to 179.838541294769

Energy injection at [6, 6]

The counter is 6037

The angle is reset to 179.8869789063383

Energy injection at [6, 6]

The counter is 6038

The angle is reset to 179.92088523443678

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 6039

The angle is reset to 179.41961966410577

Energy injection at [6, 6]

The counter is 6042

The angle is reset to 179.06873376487403

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 6043

The angle is reset to 179.8731136354118

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 6044

The angle is reset to 179.91117954478824

Energy injection at [6, 6]

The counter is 6045

The angle is reset to 180.46282568135175

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 6046

The angle is reset to 180.32397797694622

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 5

loop closure

The counter is 6047

The angle is reset to 180.22678458386235

Energy injection at [6, 5]

The counter is 6048

The angle is reset to 180.15874920870363

Energy injection at [6, 5]

The counter is 6052

The angle is reset to 180.11112444609253

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 6053

The angle is reset to 180.07778711226473

Energy injection at [6, 4]

The counter is 6054

The angle is reset to 180.0544509785853

Energy injection at [6, 4]

The counter is 6055

The angle is reset to 180.03811568500973

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 4

The counter is 6056

The angle is reset to 180.02668097950678

Energy injection at [6, 3]

The counter is 6057

The angle is reset to 180.0186766856547

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 6058

The angle is reset to 180.5380736799583

Energy injection at [6, 3]

The counter is 6059

The angle is reset to 180.37665157597078

Energy injection at [6, 3]

The counter is 6060

The angle is reset to 180.26365610317956

Energy injection at [6, 3]

The counter is 6061

The angle is reset to 180.1845592722257

Energy injection at [6, 3]

The counter is 6062

The angle is reset to 179.60419149055798

Energy injection at [6, 3]

The counter is 6063

The angle is reset to 179.19793404339057

Energy injection at [6, 3]

The counter is 6064

The angle is reset to 192.9385538303734

Energy injection at [5, 8]

The counter is 6065

The angle is reset to 189.05698768126135

Energy injection at [6, 2]

The counter is 6066

The angle is reset to 186.33989137688295

Energy injection at [6, 2]

The counter is 6067

The angle is reset to 184.43792396381804

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 6068

The angle is reset to 183.10654677467264

Energy injection at [6, 2]

hash collision

The counter is 6069

The angle is reset to 182.17458274227081

Energy injection at [6, 2]

hash collision

The counter is 6070

The angle is reset to 181.52220791958956

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 6071

The angle is reset to 181.06554554371266

Energy injection at [6, 2]

The counter is 6072

The angle is reset to 180.74588188059886

Energy injection at [6, 2]

The counter is 6073

The angle is reset to 180.52211731641918

Energy injection at [4, 7]

The counter is 6074

The angle is reset to 180.36548212149341

Energy injection at [4, 7]

The counter is 6078

The angle is reset to 180.25583748504536

Energy injection at [6, 2]

The counter is 6079

The angle is reset to 180.70408623953176

Energy injection at [6, 1]

hash collision

max\_exp 4

The counter is 6080

The angle is reset to 181.01786036767226

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 6081

The angle is reset to 180.71250225737055

Energy injection at [6, 0]

hash collision

The counter is 6082

The angle is reset to 180.49875158015936

Energy injection at [6, 0]

hash collision

The counter is 6083

The angle is reset to 180.34912610611156

Energy injection at [6, 0]

hash collision

The counter is 6084

The angle is reset to 180.2443882742781

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 6085

The angle is reset to 180.17107179199465

Energy injection at [6, 0]

The counter is 6086

The angle is reset to 180.11975025439625

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 6087

The angle is reset to 180.08382517807738

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 6088

The angle is reset to 180.05867762465414

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

loop closure

The counter is 6089

The angle is reset to 180.0410743372579

Energy injection at [6, 0]

The counter is 6090

The angle is reset to 180.0287520360805

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 6091

The angle is reset to 180.02012642525636

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 0

loop closure

The counter is 6092

The angle is reset to 180.01408849767944

Energy injection at [6, 9]

The counter is 6093

The angle is reset to 180.0098619483756

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 6094

The angle is reset to 180.0069033638629

Energy injection at [6, 9]

The counter is 6095

The angle is reset to 180.00483235470404

Energy injection at [6, 9]

The counter is 6096

The angle is reset to 180.0033826482928

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 6097

The angle is reset to 179.47736785380496

Energy injection at [6, 9]

The counter is 6098

The angle is reset to 192.60915749766346

Energy injection at [2, 5]

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

The current number of the iteration is 6100

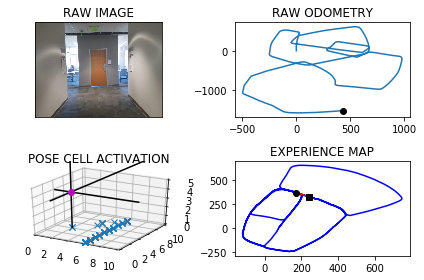
52.1049997807 seconds are elapsed per 100 frames.

The number of units of the VT is 2035

The number of units of the experience map is 2140

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The counter is 6103

The angle is reset to 201.8014102483644

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 208.76098717385509

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 213.63269102169852

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

The counter is 6106

The angle is reset to 217.04288371518894

Energy injection at [2, 5]

The counter is 6111

The angle is reset to 219.43001860063225

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 222.1510130204426

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 223.53070911430981

Energy injection at [1, 4]

The counter is 6118

The angle is reset to 224.49649638001685

Energy injection at [9, 2]

The counter is 6119

The angle is reset to 224.6475474660118

Energy injection at [9, 2]

The counter is 6120

The angle is reset to 224.22828322620822

Energy injection at [9, 2]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 6121

The angle is reset to 223.93479825834572

Energy injection at [1, 3]

counter 6121

multiple peak # >2

[0L, 0L, 1L] [2L, 3L, 3L]

min\_delta\_val

1.4142135623730951

e\_pc 1 3

current pc 0 2

loop closure

The counter is 6122

The angle is reset to 224.25435878084204

Energy injection at [8, 1]

The counter is 6123

The angle is reset to 224.47805114658942

Energy injection at [0, 3]

The counter is 6124

The angle is reset to 224.63463580261256

Energy injection at [0, 3]

The counter is 6125

The angle is reset to 224.7442450618288

Energy injection at [8, 1]

The counter is 6126

The angle is reset to 224.82097154328017

Energy injection at [0, 3]

The counter is 6129

The angle is reset to 225.3996800802961

Energy injection at [8, 1]

The counter is 6131

The angle is reset to 225.27977605620725

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

loop closure

The counter is 6132

The angle is reset to 224.67084323934506

Energy injection at [8, 1]

The counter is 6133

The angle is reset to 224.76959026754153

Energy injection at [7, 0]

hash collision

The counter is 6137

The angle is reset to 224.83871318727907

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 6138

The angle is reset to 225.41209923109534

Energy injection at [6, 9]

The counter is 6139

The angle is reset to 225.28846946176674

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 6143

The angle is reset to 218.37692862323667

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 6162

The angle is reset to 145.58885003626563

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 4 3

loop closure

The counter is 6163

The angle is reset to 142.41219502538596

Energy injection at [5, 3]

The counter is 6164

The angle is reset to 140.18853651777013

Energy injection at [5, 3]

The counter is 6165

The angle is reset to 138.6319755624391

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 6166

The angle is reset to 137.54238289370733

Energy injection at [6, 2]

The counter is 6167

The angle is reset to 136.7796680255951

Energy injection at [6, 2]

The counter is 6168

The angle is reset to 136.24576761791656

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 6169

The angle is reset to 136.39703733254157

Energy injection at [6, 2]

The counter is 6170

The angle is reset to 135.9779261327791

Energy injection at [6, 2]

The counter is 6171

The angle is reset to 135.68454829294535

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 1

The counter is 6172

The angle is reset to 135.47918380506175

Energy injection at [6, 2]

The counter is 6179

The angle is reset to 136.38542866354322

Energy injection at [6, 2]

min\_delta\_val

1.4142135623730951

e\_pc 7 1

current pc 6 2

loop closure

The counter is 6180

The angle is reset to 136.49480006448024

Energy injection at [6, 2]

The counter is 6181

The angle is reset to 136.04636004513617

Energy injection at [6, 2]

The counter is 6184

The angle is reset to 136.2574520315953

Energy injection at [7, 1]

min\_delta\_val

0.0

e\_pc 7 1

current pc 7 1

loop closure

The counter is 6185

The angle is reset to 135.8802164221167

Energy injection at [7, 1]

The counter is 6186

The angle is reset to 135.09115149548165

Energy injection at [7, 1]

The counter is 6187

The angle is reset to 135.06380604683716

Energy injection at [8, 0]

min\_delta\_val

1.4142135623730951

e\_pc 8 0

current pc 7 1

The counter is 6188

The angle is reset to 135.044664232786

Energy injection at [8, 0]

The counter is 6189

The angle is reset to 135.5562649629502

Energy injection at [8, 0]

min\_delta\_val

0.0

e\_pc 8 0

current pc 8 0

The counter is 6190

The angle is reset to 135.91438547406514

Energy injection at [8, 0]

The counter is 6191

The angle is reset to 136.1650698318456

Energy injection at [8, 0]

The counter is 6192

The angle is reset to 135.8155488822919

Energy injection at [8, 0]

min\_delta\_val

0.0

e\_pc 8 0

current pc 8 0

The counter is 6193

The angle is reset to 135.57088421760432

Energy injection at [8, 0]

The counter is 6194

The angle is reset to 135.399618952323

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

The counter is 6195

The angle is reset to 135.2797332666261

Energy injection at [9, 0]

The counter is 6196

The angle is reset to 134.67081328663826

Energy injection at [9, 0]

The counter is 6197

The angle is reset to 134.24456930064676

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 6198

The angle is reset to 133.94619851045272

Energy injection at [9, 0]

The counter is 6199

The angle is reset to 133.7373389573169

Energy injection at [9, 0]

The counter is 6200

The angle is reset to 134.1161372701218

Energy injection at [9, 0]

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

The current number of the iteration is 6200

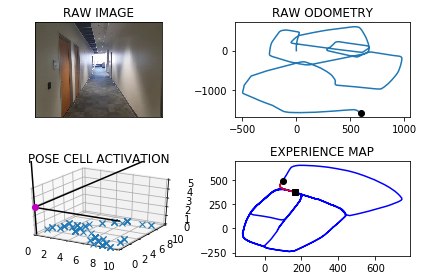
41.6589999199 seconds are elapsed per 100 frames.

The number of units of the VT is 2065

The number of units of the experience map is 2176

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The counter is 6201

The angle is reset to 134.38129608908525

Energy injection at [9, 9]

min\_delta\_val

1.4142135623730951

e\_pc 9 9

current pc 0 0

The counter is 6202

The angle is reset to 134.56690726235968

Energy injection at [9, 9]

The counter is 6203

The angle is reset to 134.69683508365176

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 6204

The angle is reset to 134.7877845585562

Energy injection at [9, 9]

The counter is 6205

The angle is reset to 134.85144919098934

Energy injection at [9, 9]

min\_delta\_val

1.4142135623730951

e\_pc 0 8

current pc 9 9

The counter is 6206

The angle is reset to 134.89601443369253

Energy injection at [9, 9]

The counter is 6207

The angle is reset to 134.40221010358476

Energy injection at [0, 8]

min\_delta\_val

1.0

e\_pc 0 8

current pc 9 8

The counter is 6208

The angle is reset to 134.05654707250932

Energy injection at [0, 8]

The counter is 6209

The angle is reset to 133.8145829507565

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 134.17020806552952

Energy injection at [0, 8]

The counter is 6211

The angle is reset to 134.41914564587066

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 134.59340195210947

Energy injection at [0, 8]

The counter is 6213

The angle is reset to 134.7153813664766

Energy injection at [1, 7]

min\_delta\_val

1.4142135623730951

e\_pc 1 7

current pc 0 8

The counter is 6214

The angle is reset to 135.3257669565336

Energy injection at [1, 7]

The counter is 6215

The angle is reset to 135.22803686957351

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6216

The angle is reset to 135.15962580870143

Energy injection at [1, 7]

The counter is 6217

The angle is reset to 135.111738066091

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6218

The angle is reset to 135.07821664626366

Energy injection at [1, 7]

The counter is 6219

The angle is reset to 135.05475165238454

Energy injection at [1, 7]

The counter is 6220

The angle is reset to 135.03832615666914

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6221

The angle is reset to 135.0268283096684

Energy injection at [1, 7]

The counter is 6222

The angle is reset to 135.01877981676787

Energy injection at [1, 7]

min\_delta\_val

0.0

e\_pc 1 7

current pc 1 7

The counter is 6223

The angle is reset to 135.0131458717375

Energy injection at [1, 7]

The counter is 6224

The angle is reset to 135.00920211021622

Energy injection at [1, 7]

The counter is 6225

The angle is reset to 135.53144147715133

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 1 7

current pc 2 7

The counter is 6226

The angle is reset to 135.89700903400592

Energy injection at [1, 7]

The counter is 6235

The angle is reset to 135.62790632380413

Energy injection at [2, 6]

min\_delta\_val

1.4142135623730951

e\_pc 3 5

current pc 2 6

loop closure

The counter is 6236

The angle is reset to 135.43953442666287

Energy injection at [2, 6]

The counter is 6237

The angle is reset to 135.832674098664

Energy injection at [3, 5]

min\_delta\_val

1.4142135623730951

e\_pc 3 5

current pc 2 6

The counter is 6238

The angle is reset to 136.10787186906478

Energy injection at [3, 5]

The counter is 6239

The angle is reset to 136.30051030834534

Energy injection at [3, 5]

The counter is 6240

The angle is reset to 136.43535721584172

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

The counter is 6242

The angle is reset to 137.0547500510892

Energy injection at [3, 5]

min\_delta\_val

0.0

e\_pc 3 5

current pc 3 5

loop closure

The counter is 6243

The angle is reset to 135.91332503576243

Energy injection at [4, 5]

min\_delta\_val

0.0

e\_pc 4 5

current pc 4 5

The counter is 6244

The angle is reset to 135.63932752503368

Energy injection at [4, 5]

The counter is 6245

The angle is reset to 135.44752926752355

Energy injection at [4, 5]

min\_delta\_val

0.0

e\_pc 4 5

current pc 4 5

The counter is 6246

The angle is reset to 135.31327048726646

Energy injection at [4, 5]

The counter is 6247

The angle is reset to 135.21928934108652

Energy injection at [4, 5]

min\_delta\_val

0.0

e\_pc 4 5

current pc 4 5

The counter is 6248

The angle is reset to 135.67850253876054

Energy injection at [4, 5]

The counter is 6249

The angle is reset to 135.4749517771324

Energy injection at [4, 5]

min\_delta\_val

0.0

e\_pc 4 5

current pc 4 5

The counter is 6250

The angle is reset to 135.85746624399266

Energy injection at [4, 5]

The counter is 6251

The angle is reset to 135.60022637079487

Energy injection at [4, 5]

The counter is 6252

The angle is reset to 135.4201584595564

Energy injection at [4, 5]

The counter is 6253

The angle is reset to 134.76911092168947

Energy injection at [4, 4]

min\_delta\_val

0.0

e\_pc 4 4

current pc 4 4

The counter is 6254

The angle is reset to 134.83837764518262

Energy injection at [4, 5]

min\_delta\_val

0.0

e\_pc 4 5

current pc 4 5

loop closure

The counter is 6255

The angle is reset to 134.88686435162782

Energy injection at [4, 4]

The counter is 6256

The angle is reset to 134.92080504613946

Energy injection at [4, 4]

The counter is 6257

The angle is reset to 134.94456353229762

Energy injection at [4, 4]

The counter is 6258

The angle is reset to 135.4861944726083

Energy injection at [4, 4]

min\_delta\_val

0.0

e\_pc 4 4

current pc 4 4

loop closure

The counter is 6259

The angle is reset to 135.34033613082582

Energy injection at [4, 4]

The counter is 6260

The angle is reset to 135.23823529157806

Energy injection at [5, 3]

min\_delta\_val

1.4142135623730951

e\_pc 5 3

current pc 4 4

The counter is 6261

The angle is reset to 135.69176470410466

Energy injection at [5, 3]

The counter is 6262

The angle is reset to 135.48423529287322

Energy injection at [5, 3]

The counter is 6263

The angle is reset to 135.33896470501125

Energy injection at [5, 3]

The counter is 6264

The angle is reset to 135.23727529350788

Energy injection at [5, 3]

The counter is 6265

The angle is reset to 135.1660927054555

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 5 3

The counter is 6266

The angle is reset to 135.11626489381885

Energy injection at [6, 3]

The counter is 6267

The angle is reset to 135.08138542567318

Energy injection at [6, 3]

The counter is 6268

The angle is reset to 135.05696979797122

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 6269

The angle is reset to 135.03987885857984

Energy injection at [6, 3]

The counter is 6270

The angle is reset to 135.0279152010059

Energy injection at [6, 3]

The counter is 6271

The angle is reset to 135.54454064070413

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 3

The counter is 6272

The angle is reset to 135.90617844849288

Energy injection at [6, 2]

The counter is 6273

The angle is reset to 136.159324913945

Energy injection at [6, 3]

counter 6273

multiple peak # >2

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

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 2

loop closure

The counter is 6274

The angle is reset to 135.81152743976148

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 6275

The angle is reset to 135.56806920783302

Energy injection at [6, 2]

The counter is 6276

The angle is reset to 135.3976484454831

Energy injection at [6, 2]

The counter is 6277

The angle is reset to 135.27835391183817

Energy injection at [7, 1]

min\_delta\_val

1.4142135623730951

e\_pc 7 1

current pc 6 2

The counter is 6278

The angle is reset to 135.1948477382867

Energy injection at [7, 1]

The counter is 6279

The angle is reset to 135.13639341680067

Energy injection at [7, 1]

The counter is 6280

The angle is reset to 135.09547539176046

Energy injection at [7, 1]

The counter is 6281

The angle is reset to 134.54183277423232

Energy injection at [7, 1]

min\_delta\_val

0.0

e\_pc 7 1

current pc 7 1

The counter is 6282

The angle is reset to 134.67928294196264

Energy injection at [7, 1]

The counter is 6283

The angle is reset to 134.77549805937383

Energy injection at [7, 1]

The counter is 6284

The angle is reset to 148.3428486415617

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 7 0

current pc 7 0

The counter is 6285

The angle is reset to 157.83999404909318

Energy injection at [7, 0]

The counter is 6286

The angle is reset to 164.48799583436522

Energy injection at [7, 0]

The counter is 6287

The angle is reset to 169.14159708405566

Energy injection at [7, 0]

The counter is 6288

The angle is reset to 172.39911795883896

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 0

current pc 7 9

The counter is 6289

The angle is reset to 174.15438257118726

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 7 9

current pc 7 0

The counter is 6290

The angle is reset to 175.9080677998311

Energy injection at [7, 0]

The counter is 6291

The angle is reset to 177.1356474598817

Energy injection at [7, 0]

The counter is 6292

The angle is reset to 177.99495322191723

Energy injection at [7, 0]

The counter is 6293

The angle is reset to 178.59646725534205

Energy injection at [7, 9]

min\_delta\_val

1.0

e\_pc 7 9

current pc 7 0

The counter is 6294

The angle is reset to 179.0175270787394

Energy injection at [7, 9]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

The counter is 6295

The angle is reset to 179.3122689551176

Energy injection at [7, 9]

The counter is 6296

The angle is reset to 179.51858826858228

Energy injection at [7, 9]

The counter is 6297

The angle is reset to 179.6630117880076

Energy injection at [7, 9]

min\_delta\_val

1.0

e\_pc 7 9

current pc 7 8

The counter is 6298

The angle is reset to 179.7641082516053

Energy injection at [7, 9]

The counter is 6299

The angle is reset to 179.8348757761237

Energy injection at [7, 9]

The counter is 6300

The angle is reset to 179.8844130432866

Energy injection at [7, 9]

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

The current number of the iteration is 6300

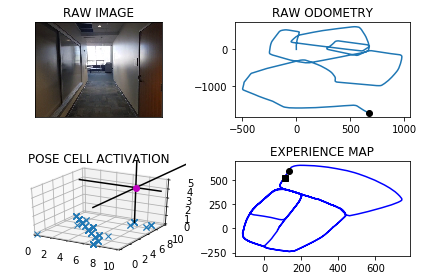
66.8310000896 seconds are elapsed per 100 frames.

The number of units of the VT is 2069

The number of units of the experience map is 2181

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The counter is 6301

The angle is reset to 179.3940891303006

Energy injection at [7, 9]

The counter is 6302

The angle is reset to 179.05086239121042

Energy injection at [7, 9]

min\_delta\_val

1.0

e\_pc 7 8

current pc 7 9

The counter is 6303

The angle is reset to 179.3356036738473

Energy injection at [7, 9]

The counter is 6304

The angle is reset to 179.5349225716931

Energy injection at [7, 9]

The counter is 6305

The angle is reset to 179.67444580018514

Energy injection at [7, 9]

The counter is 6306

The angle is reset to 179.77211206012961

Energy injection at [7, 9]

The counter is 6307

The angle is reset to 179.8404784420907

Energy injection at [7, 9]

The counter is 6308

The angle is reset to 179.88833490946348

Energy injection at [7, 9]

The counter is 6309

The angle is reset to 179.92183443662444

Energy injection at [7, 9]

The counter is 6313

The angle is reset to 179.9452841056371

Energy injection at [7, 8]

min\_delta\_val

0.0

e\_pc 7 8

current pc 7 8

loop closure

The counter is 6314

The angle is reset to 179.96169887394595

Energy injection at [7, 8]

The counter is 6315

The angle is reset to 179.97318921176216

Energy injection at [7, 8]

The counter is 6316

The angle is reset to 179.9812324482335

Energy injection at [7, 7]

min\_delta\_val

1.0

e\_pc 7 7

current pc 7 8

The counter is 6317

The angle is reset to 179.98686271376346

Energy injection at [7, 7]

The counter is 6318

The angle is reset to 179.99080389963441

Energy injection at [7, 7]

The counter is 6319

The angle is reset to 180.51856272974408

Energy injection at [7, 7]

The counter is 6320

The angle is reset to 180.88799391082085

Energy injection at [7, 7]

The counter is 6321

The angle is reset to 180.62159573757458

Energy injection at [7, 7]

The counter is 6325

The angle is reset to 179.91011701630217

Energy injection at [7, 6]

min\_delta\_val

0.0

e\_pc 7 6

current pc 7 6

loop closure

The counter is 6326

The angle is reset to 179.9370819114115

Energy injection at [7, 6]

The counter is 6327

The angle is reset to 179.95595733798805

Energy injection at [7, 6]

The counter is 6328

The angle is reset to 179.96917013659163

Energy injection at [7, 6]

min\_delta\_val

0.0

e\_pc 7 6

current pc 7 6

The counter is 6329

The angle is reset to 179.97841909561413

Energy injection at [7, 6]

The counter is 6330

The angle is reset to 179.9848933669299

Energy injection at [7, 6]

The counter is 6331

The angle is reset to 179.98942535685092

Energy injection at [7, 6]

min\_delta\_val

1.0

e\_pc 7 5

current pc 7 6

The counter is 6332

The angle is reset to 179.99259774979564

Energy injection at [7, 6]

The counter is 6333

The angle is reset to 179.99481842485693

Energy injection at [7, 6]

The counter is 6334

The angle is reset to 179.99637289739985

Energy injection at [7, 6]

The counter is 6335

The angle is reset to 179.99746102817988

Energy injection at [7, 6]

The counter is 6336

The angle is reset to 179.4732227197259

Energy injection at [7, 6]

The counter is 6337

The angle is reset to 179.63125590380812

Energy injection at [7, 6]

The counter is 6338

The angle is reset to 179.74187913266567

Energy injection at [7, 6]

The counter is 6339

The angle is reset to 179.81931539286597

Energy injection at [7, 5]

min\_delta\_val

1.0

e\_pc 7 5

current pc 7 6

The counter is 6340

The angle is reset to 179.87352077500617

Energy injection at [7, 5]

The counter is 6341

The angle is reset to 179.9114645425043

Energy injection at [7, 5]

The counter is 6342

The angle is reset to 179.938025179753

Energy injection at [7, 5]

min\_delta\_val

0.0

e\_pc 7 5

current pc 7 5

The counter is 6343

The angle is reset to 179.9566176258271

Energy injection at [7, 5]

The counter is 6344

The angle is reset to 179.96963233807895

Energy injection at [7, 5]

min\_delta\_val

1.0

e\_pc 7 5

current pc 7 4

The counter is 6345

The angle is reset to 179.97874263665526

Energy injection at [7, 5]

The counter is 6346

The angle is reset to 179.9851198456587

Energy injection at [7, 5]

The counter is 6348

The angle is reset to 179.98958389196105

Energy injection at [7, 5]

min\_delta\_val

1.0

e\_pc 7 4

current pc 7 5

loop closure

The counter is 6349

The angle is reset to 179.46770872437273

Energy injection at [7, 4]

min\_delta\_val

0.0

e\_pc 7 4

current pc 7 4

loop closure

The counter is 6350

The angle is reset to 179.62739610706092

Energy injection at [7, 4]

The counter is 6351

The angle is reset to 179.73917727494265

Energy injection at [7, 4]

The counter is 6352

The angle is reset to 179.81742409245987

Energy injection at [7, 4]

The counter is 6353

The angle is reset to 180.39719686472188

Energy injection at [7, 4]

The counter is 6354

The angle is reset to 180.8030378053053

Energy injection at [7, 4]

The counter is 6355

The angle is reset to 180.56212646371375

Energy injection at [7, 4]

The counter is 6356

The angle is reset to 180.3934885245996

Energy injection at [7, 4]

The counter is 6357

The angle is reset to 180.2754419672197

Energy injection at [7, 4]

min\_delta\_val

1.0

e\_pc 7 3

current pc 7 4

The counter is 6358

The angle is reset to 180.19280937705378

Energy injection at [7, 4]

The counter is 6359

The angle is reset to 179.60996656393766

Energy injection at [7, 4]

The counter is 6360

The angle is reset to 179.72697659475634

Energy injection at [7, 4]

The counter is 6361

The angle is reset to 179.2838836163294

Energy injection at [7, 4]

The counter is 6362

The angle is reset to 179.4987185314306

Energy injection at [7, 3]

min\_delta\_val

1.0

e\_pc 7 3

current pc 7 4

The counter is 6363

The angle is reset to 179.6491029720014

Energy injection at [7, 3]

The counter is 6364

The angle is reset to 179.754372080401

Energy injection at [7, 3]

The counter is 6365

The angle is reset to 179.82806045628072

Energy injection at [7, 3]

The counter is 6366

The angle is reset to 179.87964231939648

Energy injection at [7, 3]

The counter is 6367

The angle is reset to 179.91574962357754

Energy injection at [7, 3]

The counter is 6368

The angle is reset to 179.41602473650428

Energy injection at [7, 3]

The counter is 6378

The angle is reset to 147.716217315553

Energy injection at [7, 2]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 2

loop closure

The counter is 6379

The angle is reset to 139.7013521208871

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 8 1

The counter is 6380

The angle is reset to 135.1409464846209

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

The counter is 6381

The angle is reset to 128.79866253923464

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 6389

The angle is reset to 95.10906377746421

Energy injection at [4, 9]

The counter is 6390

The angle is reset to 93.57634464422495

Energy injection at [4, 9]

The counter is 6391

The angle is reset to 92.50344125095747

Energy injection at [4, 9]

min\_delta\_val

0.0

e\_pc 4 9

current pc 4 9

loop closure

The counter is 6392

The angle is reset to 91.75240887567021

Energy injection at [4, 9]

The counter is 6393

The angle is reset to 91.22668621296914

Energy injection at [4, 9]

hash collision

The counter is 6394

The angle is reset to 90.8586803490784

Energy injection at [4, 9]

The counter is 6395

The angle is reset to 90.60107624435487

Energy injection at [4, 9]

The counter is 6396

The angle is reset to 90.4207533710484

Energy injection at [4, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 6397

The angle is reset to 90.29452735973389

Energy injection at [4, 9]

The counter is 6398

The angle is reset to 90.20616915181373

Energy injection at [4, 9]

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

The current number of the iteration is 6400

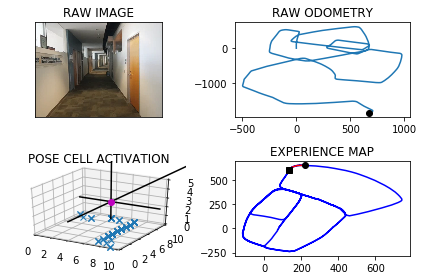
38.3369998932 seconds are elapsed per 100 frames.

The number of units of the VT is 2085

The number of units of the experience map is 2198

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



The counter is 6406

The angle is reset to 92.24431840626961

Energy injection at [6, 9]

The counter is 6407

The angle is reset to 91.57102288438873

Energy injection at [6, 9]

The counter is 6408

The angle is reset to 91.0997160190721

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 6409

The angle is reset to 90.76980121335046

Energy injection at [6, 9]

The counter is 6414

The angle is reset to 90.53886084934533

Energy injection at [7, 9]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

loop closure

The counter is 6415

The angle is reset to 90.37720259454171

Energy injection at [7, 9]

The counter is 6416

The angle is reset to 90.2640418161792

Energy injection at [7, 9]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

The counter is 6417

The angle is reset to 90.18482927132543

Energy injection at [7, 9]

The counter is 6418

The angle is reset to 90.12938048992781

Energy injection at [7, 9]

The counter is 6419

The angle is reset to 90.09056634294946

Energy injection at [8, 9]

min\_delta\_val

0.0

e\_pc 8 9

current pc 8 9

The counter is 6424

The angle is reset to 89.01339644006462

Energy injection at [8, 9]

min\_delta\_val

0.0

e\_pc 8 9

current pc 8 9

loop closure

The counter is 6425

The angle is reset to 89.30937750804522

Energy injection at [8, 9]

The counter is 6426

The angle is reset to 89.51656425563165

Energy injection at [8, 9]

The counter is 6427

The angle is reset to 89.66159497894215

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 6428

The angle is reset to 89.76311648525949

Energy injection at [9, 9]

The counter is 6429

The angle is reset to 89.83418153968164

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

The counter is 6432

The angle is reset to 89.88392707777714

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 6437

The angle is reset to 89.918748954444

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 6438

The angle is reset to 90.4681242681108

Energy injection at [9, 9]

The counter is 6465

The angle is reset to 92.42768698767757

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 6466

The angle is reset to 91.69938089137429

Energy injection at [2, 9]

The counter is 6467

The angle is reset to 91.189566623962

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 6477

The angle is reset to 91.3576966367734

Energy injection at [4, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 6478

The angle is reset to 90.95038764574137

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 6479

The angle is reset to 90.66527135201895

Energy injection at [5, 9]

The counter is 6480

The angle is reset to 90.46568994641326

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 5 9

The counter is 6489

The angle is reset to 90.32598296248928

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

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

The current number of the iteration is 6500

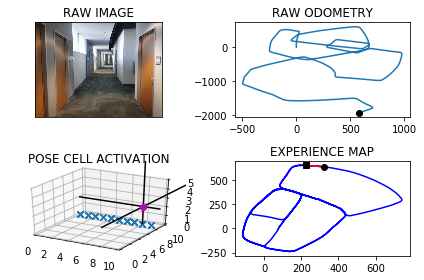
28.7019999027 seconds are elapsed per 100 frames.

The number of units of the VT is 2124

The number of units of the experience map is 2238

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The counter is 6509

The angle is reset to 89.7031880737425

Energy injection at [8, 9]

The counter is 6510

The angle is reset to 89.79223165161976

Energy injection at [8, 9]

The counter is 6511

The angle is reset to 89.85456215613381

Energy injection at [8, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 8 9

loop closure

The counter is 6512

The angle is reset to 89.89819350929368

Energy injection at [8, 9]

The counter is 6513

The angle is reset to 89.92873545650556

Energy injection at [8, 9]

The counter is 6515

The angle is reset to 89.95011481955389

Energy injection at [9, 9]

The counter is 6516

The angle is reset to 89.44008037368772

Energy injection at [9, 9]

The counter is 6517

The angle is reset to 89.60805626158138

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 9 9

loop closure

The counter is 6518

The angle is reset to 89.72563938310698

Energy injection at [9, 9]

The counter is 6519

The angle is reset to 89.80794756817488

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 9 9

The counter is 6520

The angle is reset to 89.86556329772242

Energy injection at [0, 9]

The counter is 6521

The angle is reset to 89.90589430840568

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

The counter is 6522

The angle is reset to 89.93412601588398

Energy injection at [0, 9]

The counter is 6523

The angle is reset to 89.95388821111878

Energy injection at [0, 9]

The counter is 6524

The angle is reset to 89.96772174778313

Energy injection at [0, 9]

The counter is 6527

The angle is reset to 88.92740522344819

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6530

The angle is reset to 88.72418365641371

Energy injection at [1, 9]

min\_delta\_val

0.0

e\_pc 1 9

current pc 1 9

loop closure

The counter is 6531

The angle is reset to 89.1069285594896

Energy injection at [1, 9]

The counter is 6558

The angle is reset to 89.37484999164272

Energy injection at [4, 9]

min\_delta\_val

0.0

e\_pc 4 9

current pc 4 9

loop closure

The counter is 6565

The angle is reset to 89.5623949941499

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 6566

The angle is reset to 89.69367649590492

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 6567

The angle is reset to 89.78557354713344

Energy injection at [6, 9]

The counter is 6570

The angle is reset to 89.8499014829934

Energy injection at [7, 9]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

loop closure

The counter is 6571

The angle is reset to 89.8949310380954

Energy injection at [7, 9]

The counter is 6572

The angle is reset to 89.92645172666677

Energy injection at [7, 9]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

The counter is 6583

The angle is reset to 90.47351620866672

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 9

current pc 9 9

loop closure

The counter is 6584

The angle is reset to 90.3314613460667

Energy injection at [9, 9]

The counter is 6596

The angle is reset to 89.70702294224668

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6597

The angle is reset to 89.79491605957269

Energy injection at [8, 9]

The counter is 6598

The angle is reset to 89.85644124170086

Energy injection at [0, 9]

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

The current number of the iteration is 6600

26.0770001411 seconds are elapsed per 100 frames.

The number of units of the VT is 2162

The number of units of the experience map is 2281

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



The counter is 6603

The angle is reset to 89.89950886919061

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6604

The angle is reset to 90.45465620843343

Energy injection at [0, 9]

The counter is 6610

The angle is reset to 90.3182593459034

Energy injection at [1, 9]

min\_delta\_val

0.0

e\_pc 1 9

current pc 1 9

loop closure

The counter is 6611

The angle is reset to 90.22278154213237

Energy injection at [1, 9]

The counter is 6612

The angle is reset to 90.15594707949265

Energy injection at [1, 9]

The counter is 6614

The angle is reset to 90.10916295564486

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 6615

The angle is reset to 90.0764140689514

Energy injection at [2, 9]

The counter is 6616

The angle is reset to 90.05348984826597

Energy injection at [2, 9]

The counter is 6617

The angle is reset to 90.03744289378618

Energy injection at [2, 9]

The counter is 6618

The angle is reset to 90.02621002565031

Energy injection at [2, 9]

The counter is 6619

The angle is reset to 90.01834701795522

Energy injection at [2, 9]

The counter is 6620

The angle is reset to 89.48784291256865

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

The counter is 6626

The angle is reset to 89.64149003879805

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 6627

The angle is reset to 89.74904302715863

Energy injection at [3, 9]

The counter is 6628

The angle is reset to 89.82433011901104

Energy injection at [3, 9]

The counter is 6629

The angle is reset to 89.87703108330773

Energy injection at [3, 9]

The counter is 6630

The angle is reset to 89.91392175831541

Energy injection at [3, 9]

The counter is 6631

The angle is reset to 89.93974523082078

Energy injection at [3, 9]

The counter is 6632

The angle is reset to 89.95782166157456

Energy injection at [3, 9]

The counter is 6635

The angle is reset to 89.44547516310216

Energy injection at [4, 9]

min\_delta\_val

1.0

e\_pc 4 9

current pc 3 9

loop closure

The counter is 6636

The angle is reset to 89.6118326141715

Energy injection at [4, 9]

The counter is 6637

The angle is reset to 90.25328282992005

Energy injection at [4, 9]

The counter is 6638

The angle is reset to 90.17729798094403

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 6639

The angle is reset to 90.12410858666081

Energy injection at [4, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 4 9

loop closure

The counter is 6640

The angle is reset to 90.08687601066255

Energy injection at [4, 9]

The counter is 6643

The angle is reset to 90.0608132074638

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 6644

The angle is reset to 89.51756924522465

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 5 9

The counter is 6645

The angle is reset to 89.13729847165725

Energy injection at [6, 9]

The counter is 6653

The angle is reset to 89.39610893016007

Energy injection at [7, 9]

min\_delta\_val

0.0

e\_pc 7 9

current pc 7 9

loop closure

The counter is 6654

The angle is reset to 89.57727625111202

Energy injection at [7, 9]

The counter is 6656

The angle is reset to 89.70409337577841

Energy injection at [8, 9]

min\_delta\_val

1.0

e\_pc 8 9

current pc 7 9

loop closure

The counter is 6657

The angle is reset to 89.79286536304488

Energy injection at [8, 9]

min\_delta\_val

1.0

e\_pc 8 9

current pc 9 9

loop closure

The counter is 6662

The angle is reset to 90.38000575413142

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6663

The angle is reset to 90.266004027892

Energy injection at [0, 9]

The counter is 6665

The angle is reset to 90.18620281952438

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6666

The angle is reset to 89.60534197366707

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

loop closure

The counter is 6667

The angle is reset to 89.19873938156694

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

The counter is 6668

The angle is reset to 88.91411756709685

Energy injection at [0, 9]

The counter is 6669

The angle is reset to 89.23988229696778

Energy injection at [0, 9]

The counter is 6670

The angle is reset to 89.46791760787744

Energy injection at [1, 9]

min\_delta\_val

0.0

e\_pc 1 9

current pc 1 9

The counter is 6672

The angle is reset to 90.67754232551421

Energy injection at [1, 9]

min\_delta\_val

1.0

e\_pc 1 9

current pc 2 9

loop closure

The counter is 6675

The angle is reset to 90.47427962785993

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 6676

The angle is reset to 90.33199573950193

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 6678

The angle is reset to 89.70739701765136

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 6679

The angle is reset to 89.27017791235593

Energy injection at [3, 9]

The counter is 6690

The angle is reset to 88.96412453864916

Energy injection at [4, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 6697

The angle is reset to 89.27488717705441

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

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

The current number of the iteration is 6700

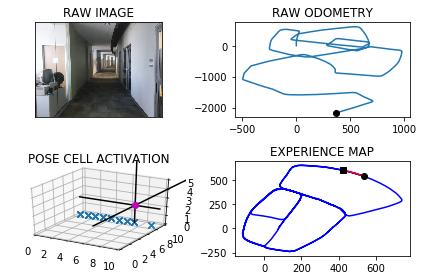
46.1519999504 seconds are elapsed per 100 frames.

The number of units of the VT is 2194

The number of units of the experience map is 2313

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The counter is 6717

The angle is reset to 88.96742102393809

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6718

The angle is reset to 89.80219471675666

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6719

The angle is reset to 89.86153630172966

Energy injection at [0, 9]

The counter is 6723

The angle is reset to 89.90307541121076

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

loop closure

The counter is 6724

The angle is reset to 89.93215278784751

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

The counter is 6725

The angle is reset to 89.42750695149324

Energy injection at [0, 9]

The counter is 6726

The angle is reset to 89.59925486604527

Energy injection at [0, 9]

The counter is 6729

The angle is reset to 89.71947840623167

Energy injection at [1, 9]

min\_delta\_val

1.0

e\_pc 1 9

current pc 0 9

loop closure

The counter is 6730

The angle is reset to 89.80363488436217

Energy injection at [1, 9]

The counter is 6732

The angle is reset to 89.8625444190535

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 6735

The angle is reset to 89.90378109333746

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 6748

The angle is reset to 88.3576467653362

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 6751

The angle is reset to 88.85035273573533

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 5 9

loop closure

The counter is 6752

The angle is reset to 89.19524691501474

Energy injection at [6, 9]

The counter is 6753

The angle is reset to 89.4366728405103

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 6754

The angle is reset to 89.6056709883572

Energy injection at [6, 9]

The counter is 6755

The angle is reset to 89.72396969185004

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 6756

The angle is reset to 89.80677878429503

Energy injection at [6, 9]

The counter is 6757

The angle is reset to 89.86474514900652

Energy injection at [7, 9]

min\_delta\_val

1.0

e\_pc 7 9

current pc 6 9

The counter is 6758

The angle is reset to 89.90532160430455

Energy injection at [7, 9]

The counter is 6764

The angle is reset to 90.9837251230132

Energy injection at [8, 9]

min\_delta\_val

0.0

e\_pc 8 9

current pc 8 9

loop closure

The counter is 6765

The angle is reset to 90.68860758610923

Energy injection at [8, 9]

The counter is 6766

The angle is reset to 90.48202531027644

Energy injection at [8, 9]

min\_delta\_val

2.0

e\_pc 0 9

current pc 8 9

new experience map with case 2

The counter is 6767

The angle is reset to 90.33741771719352

Energy injection at [8, 9]

The counter is 6768

The angle is reset to 90.23619240203544

Energy injection at [8, 9]

The counter is 6769

The angle is reset to 89.64033468142479

Energy injection at [8, 9]

The counter is 6770

The angle is reset to 89.74823427699737

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 9 9

loop closure

The counter is 6775

The angle is reset to 89.82376399389815

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

loop closure

The counter is 6776

The angle is reset to 89.8766347957287

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

The counter is 6778

The angle is reset to 89.9136443570101

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6779

The angle is reset to 89.93955104990707

Energy injection at [0, 9]

The counter is 6782

The angle is reset to 89.95768573493496

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 1 9

current pc 0 9

loop closure

The counter is 6789

The angle is reset to 89.97038001445446

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 6790

The angle is reset to 89.9792660101181

Energy injection at [2, 9]

The counter is 6791

The angle is reset to 89.98548620708267

Energy injection at [2, 9]

The counter is 6794

The angle is reset to 88.93984034495786

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 6795

The angle is reset to 89.25788824147051

Energy injection at [2, 9]

The counter is 6796

The angle is reset to 89.48052176902937

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 2 9

The counter is 6797

The angle is reset to 89.63636523832054

Energy injection at [3, 9]

The counter is 6798

The angle is reset to 89.74545566682437

Energy injection at [3, 9]

The counter is 6799

The angle is reset to 89.82181896677706

Energy injection at [3, 9]

The counter is 6800

The angle is reset to 89.87527327674394

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

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

The current number of the iteration is 6800

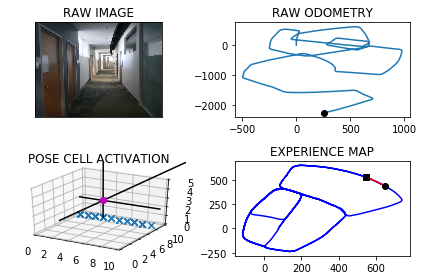
43.4220001698 seconds are elapsed per 100 frames.

The number of units of the VT is 2226

The number of units of the experience map is 2346

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The counter is 6801

The angle is reset to 89.91269129372074

Energy injection at [3, 9]

The counter is 6809

The angle is reset to 89.93888390560451

Energy injection at [4, 9]

min\_delta\_val

0.0

e\_pc 4 9

current pc 4 9

loop closure

The counter is 6810

The angle is reset to 89.95721873392316

Energy injection at [4, 9]

The counter is 6813

The angle is reset to 89.97005311374619

Energy injection at [4, 9]

min\_delta\_val

0.0

e\_pc 4 9

current pc 4 9

loop closure

The counter is 6814

The angle is reset to 89.97903717962234

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 6815

The angle is reset to 89.98532602573563

Energy injection at [5, 9]

The counter is 6817

The angle is reset to 89.98972821801493

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 6818

The angle is reset to 89.99280975261046

Energy injection at [5, 9]

The counter is 6827

The angle is reset to 91.56996682682731

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 6828

The angle is reset to 90.5739767787791

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 7 9

loop closure

The counter is 6829

The angle is reset to 90.40178374514537

Energy injection at [6, 9]

The counter is 6830

The angle is reset to 90.28124862160175

Energy injection at [6, 9]

The counter is 6849

The angle is reset to 90.19687403512121

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

loop closure

The counter is 6854

The angle is reset to 89.61281182458484

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6855

The angle is reset to 89.72896827720939

Energy injection at [0, 9]

The counter is 6856

The angle is reset to 89.81027779404657

Energy injection at [1, 9]

min\_delta\_val

0.0

e\_pc 1 9

current pc 1 9

The counter is 6857

The angle is reset to 89.8671944558326

Energy injection at [1, 9]

The counter is 6867

The angle is reset to 90.43203611908281

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

loop closure

The counter is 6868

The angle is reset to 90.30242528335796

Energy injection at [2, 9]

The counter is 6869

The angle is reset to 90.21169769835056

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

The counter is 6872

The angle is reset to 90.1481883888454

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 2 9

loop closure

The counter is 6873

The angle is reset to 90.10373187219177

Energy injection at [3, 9]

The counter is 6876

The angle is reset to 89.02261231053421

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 6877

The angle is reset to 89.31582861737395

Energy injection at [4, 9]

min\_delta\_val

0.0

e\_pc 4 9

current pc 4 9

loop closure

The counter is 6878

The angle is reset to 89.52108003216176

Energy injection at [4, 9]

The counter is 6879

The angle is reset to 89.66475602251323

Energy injection at [4, 9]

The counter is 6885

The angle is reset to 89.76532921575925

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 6 9

loop closure

The counter is 6886

The angle is reset to 89.31073045103147

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 6887

The angle is reset to 89.51751131572203

Energy injection at [5, 9]

The counter is 6888

The angle is reset to 89.66225792100542

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 5 9

The counter is 6889

The angle is reset to 89.7635805447038

Energy injection at [5, 9]

The counter is 6890

The angle is reset to 89.83450638129264

Energy injection at [5, 9]

The counter is 6891

The angle is reset to 89.88415446690485

Energy injection at [5, 9]

The counter is 6892

The angle is reset to 89.9189081268334

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 6893

The angle is reset to 89.94323568878337

Energy injection at [6, 9]

The counter is 6894

The angle is reset to 89.96026498214836

Energy injection at [6, 9]

The counter is 6895

The angle is reset to 89.97218548750385

Energy injection at [6, 9]

The counter is 6896

The angle is reset to 89.98052984125269

Energy injection at [6, 9]

The counter is 6897

The angle is reset to 89.46137088887689

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 6898

The angle is reset to 89.0979596222138

Energy injection at [6, 9]

The counter is 6899

The angle is reset to 89.36857173554968

Energy injection at [6, 9]

The counter is 6900

The angle is reset to 89.55800021488476

Energy injection at [6, 9]

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

The current number of the iteration is 6900

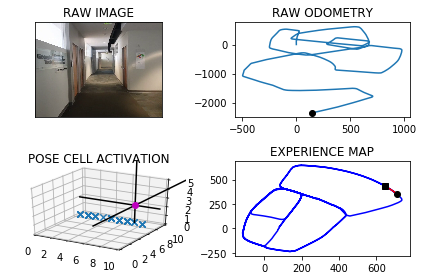
36.881000042 seconds are elapsed per 100 frames.

The number of units of the VT is 2256

The number of units of the experience map is 2376

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The counter is 6903

The angle is reset to 89.69060015041933

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 7 9

current pc 6 9

loop closure

The counter is 6904

The angle is reset to 89.78342010529353

Energy injection at [8, 9]

min\_delta\_val

0.0

e\_pc 8 9

current pc 8 9

loop closure

The counter is 6905

The angle is reset to 89.84839407370546

Energy injection at [8, 9]

The counter is 6906

The angle is reset to 89.89387585159382

Energy injection at [8, 9]

The counter is 6907

The angle is reset to 89.92571309611567

Energy injection at [8, 9]

The counter is 6908

The angle is reset to 89.94799916728097

Energy injection at [8, 9]

min\_delta\_val

0.0

e\_pc 8 9

current pc 8 9

The counter is 6909

The angle is reset to 89.43859941709667

Energy injection at [8, 9]

The counter is 6910

The angle is reset to 89.60701959196767

Energy injection at [8, 9]

The counter is 6911

The angle is reset to 89.72491371437737

Energy injection at [8, 9]

min\_delta\_val

0.0

e\_pc 8 9

current pc 8 9

The counter is 6914

The angle is reset to 89.80743960006416

Energy injection at [0, 9]

min\_delta\_val

0.0

e\_pc 0 9

current pc 0 9

loop closure

The counter is 6915

The angle is reset to 89.8652077200449

Energy injection at [0, 9]

The counter is 6916

The angle is reset to 89.90564540403143

Energy injection at [0, 9]

min\_delta\_val

1.0

e\_pc 0 9

current pc 1 9

loop closure

The counter is 6917

The angle is reset to 89.408951782822

Energy injection at [0, 9]

The counter is 6928

The angle is reset to 50.8862662479754

Energy injection at [2, 0]

min\_delta\_val

0.0

e\_pc 2 0

current pc 2 0

loop closure

The counter is 6929

The angle is reset to 45.44538637358278

Energy injection at [2, 0]

min\_delta\_val

0.0

e\_pc 2 0

current pc 2 0

The counter is 6930

The angle is reset to 29.711770461507946

Energy injection at [2, 0]

min\_delta\_val

0.0

e\_pc 2 0

current pc 2 0

The counter is 6931

The angle is reset to 16.073239323055564

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 2

current pc 2 1

loop closure

The counter is 6956

The angle is reset to 357.07626752613885

Energy injection at [2, 8]

The counter is 6957

The angle is reset to 357.9533872682972

Energy injection at [2, 8]

The counter is 6958

The angle is reset to 358.567371087808

Energy injection at [2, 8]

The counter is 6961

The angle is reset to 358.4721597614656

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 6962

The angle is reset to 358.93051183302595

Energy injection at [2, 8]

The counter is 6970

The angle is reset to 359.2513582831181

Energy injection at [2, 8]

min\_delta\_val

1.0

e\_pc 2 8

current pc 2 9

loop closure

The counter is 6971

The angle is reset to 359.4759507981827

Energy injection at [2, 8]

The counter is 6972

The angle is reset to 359.63316555872785

Energy injection at [2, 8]

The counter is 6973

The angle is reset to 359.7432158911095

Energy injection at [2, 8]

The counter is 6974

The angle is reset to 359.8202511237767

Energy injection at [2, 8]

The counter is 6975

The angle is reset to 359.87417578664366

Energy injection at [2, 8]

The counter is 6976

The angle is reset to 359.91192305065056

Energy injection at [2, 9]

min\_delta\_val

1.0

e\_pc 2 9

current pc 2 8

The counter is 6977

The angle is reset to 359.93834613545533

Energy injection at [2, 9]

The counter is 6978

The angle is reset to 0.48184229481872914

Energy injection at [2, 9]

The counter is 6979

The angle is reset to 0.3372896063731104

Energy injection at [2, 9]

The counter is 6980

The angle is reset to 0.23610272446117728

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

The counter is 6981

The angle is reset to 0.1652719071228241

Energy injection at [2, 9]

The counter is 6982

The angle is reset to 0.11569033498597685

Energy injection at [2, 9]

The counter is 6983

The angle is reset to 0.08098323449018378

Energy injection at [2, 9]

The counter is 6984

The angle is reset to 0.05668826414312866

Energy injection at [2, 9]

The counter is 6985

The angle is reset to 0.03968178490019005

Energy injection at [2, 9]

The counter is 6986

The angle is reset to 0.5527772494301331

Energy injection at [2, 0]

min\_delta\_val

1.0

e\_pc 2 0

current pc 2 9

The counter is 6987

The angle is reset to 0.38694407460109315

Energy injection at [2, 0]

The counter is 6988

The angle is reset to 0.27086085222076517

Energy injection at [2, 0]

The counter is 6989

The angle is reset to 0.18960259655453562

Energy injection at [2, 0]

The counter is 6990

The angle is reset to 0.13272181758817492

Energy injection at [2, 0]

The counter is 6991

The angle is reset to 0.09290527231172244

Energy injection at [2, 0]

The counter is 6992

The angle is reset to 0.0650336906182057

Energy injection at [2, 0]

The counter is 6993

The angle is reset to 359.5205235834327

Energy injection at [2, 0]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 0

The counter is 6994

The angle is reset to 359.66436650840285

Energy injection at [2, 0]

The counter is 6995

The angle is reset to 359.765056555882

Energy injection at [2, 0]

The counter is 6996

The angle is reset to 359.8355395891174

Energy injection at [2, 0]

The counter is 6997

The angle is reset to 359.88487771238215

Energy injection at [2, 0]

The counter is 6998

The angle is reset to 359.91941439866747

Energy injection at [2, 0]

The counter is 6999

The angle is reset to 359.9435900790672

Energy injection at [2, 0]

The counter is 7000

The angle is reset to 359.960513055347

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 0

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

The current number of the iteration is 7000

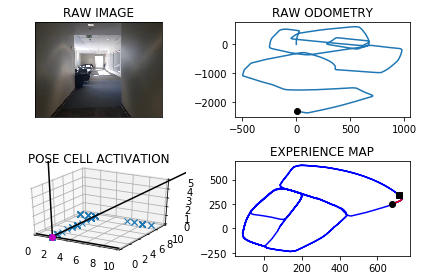
33.9099998474 seconds are elapsed per 100 frames.

The number of units of the VT is 2281

The number of units of the experience map is 2402

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The counter is 7001

The angle is reset to 359.9723591387429

Energy injection at [2, 1]

The counter is 7002

The angle is reset to 359.98065139712

Energy injection at [2, 1]

The counter is 7003

The angle is reset to 359.986455977984

Energy injection at [2, 1]

The counter is 7004

The angle is reset to 359.9905191845888

Energy injection at [2, 1]

The counter is 7005

The angle is reset to 359.99336342921214

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 2 2

current pc 2 2

The counter is 7006

The angle is reset to 359.99535440044843

Energy injection at [2, 2]

The counter is 7010

The angle is reset to 359.9967480803139

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 2 2

current pc 2 2

loop closure

The counter is 7011

The angle is reset to 359.9977236562197

Energy injection at [2, 2]

The counter is 7012

The angle is reset to 359.9984065593538

Energy injection at [2, 2]

The counter is 7026

The angle is reset to 359.99888459154766

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 2 4

current pc 2 5

loop closure

The counter is 7027

The angle is reset to 359.4742192140833

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 2 4

current pc 2 5

loop closure

The counter is 7028

The angle is reset to 359.6319534498583

Energy injection at [2, 4]

The counter is 7029

The angle is reset to 359.7423674149008

Energy injection at [2, 4]

The counter is 7030

The angle is reset to 359.8196571904306

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

The counter is 7031

The angle is reset to 0.3987600333013879

Energy injection at [2, 4]

The counter is 7032

The angle is reset to 0.2791320233109715

Energy injection at [2, 4]

The counter is 7033

The angle is reset to 0.72039241631768

Energy injection at [2, 4]

The counter is 7034

The angle is reset to 0.504274691422376

Energy injection at [2, 4]

The counter is 7050

The angle is reset to 1.927992283995663

Energy injection at [2, 7]

The counter is 7051

The angle is reset to 1.3495945987969638

Energy injection at [2, 7]

The counter is 7054

The angle is reset to 1.4697162191578748

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 7055

The angle is reset to 1.5538013534105122

Energy injection at [2, 9]

min\_delta\_val

1.0

e\_pc 2 9

current pc 2 8

The counter is 7056

The angle is reset to 1.0876609473873584

Energy injection at [2, 9]

The counter is 7057

The angle is reset to 0.7613626631711509

Energy injection at [2, 9]

The counter is 7058

The angle is reset to 0.5329538642198056

Energy injection at [2, 9]

The counter is 7059

The angle is reset to 0.37306770495386393

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 0

loop closure

The counter is 7060

The angle is reset to 0.2611473934677047

Energy injection at [2, 1]

The counter is 7061

The angle is reset to 0.1828031754273933

Energy injection at [2, 1]

The counter is 7062

The angle is reset to 0.12796222279917527

Energy injection at [2, 1]

The counter is 7063

The angle is reset to 0.08957355595942271

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 2

current pc 2 2

The counter is 7064

The angle is reset to 0.06270148917159589

Energy injection at [2, 1]

The counter is 7065

The angle is reset to 0.04389104242011712

Energy injection at [2, 1]

The counter is 7066

The angle is reset to 0.030723729694081985

Energy injection at [2, 1]

The counter is 7069

The angle is reset to 0.5465066107858574

Energy injection at [2, 2]

min\_delta\_val

1.0

e\_pc 2 3

current pc 2 2

loop closure

The counter is 7070

The angle is reset to 0.3825546275501001

Energy injection at [2, 2]

The counter is 7071

The angle is reset to 0.26778823928507006

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

The counter is 7072

The angle is reset to 0.18745176749954903

Energy injection at [2, 3]

The counter is 7073

The angle is reset to 0.13121623724968431

Energy injection at [2, 3]

The counter is 7074

The angle is reset to 0.09185136607477903

Energy injection at [2, 3]

The counter is 7075

The angle is reset to 0.06429595625234531

Energy injection at [2, 3]

The counter is 7076

The angle is reset to 0.04500716937664172

Energy injection at [2, 5]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 4

loop closure

The counter is 7077

The angle is reset to 0.0315050185636492

Energy injection at [2, 5]

The counter is 7078

The angle is reset to 0.5470535129945544

Energy injection at [2, 5]

The counter is 7079

The angle is reset to 0.38293745909618804

Energy injection at [2, 5]

min\_delta\_val

0.0

e\_pc 2 5

current pc 2 5

The counter is 7080

The angle is reset to 0.26805622136733165

Energy injection at [2, 5]

The counter is 7081

The angle is reset to 0.18763935495713213

Energy injection at [2, 5]

The counter is 7082

The angle is reset to 0.1313475484699925

Energy injection at [2, 6]

min\_delta\_val

1.0

e\_pc 2 7

current pc 2 6

The counter is 7083

The angle is reset to 0.09194328392899474

Energy injection at [2, 6]

The counter is 7084

The angle is reset to 0.06436029875029631

Energy injection at [2, 6]

The counter is 7085

The angle is reset to 0.04505220912520741

Energy injection at [2, 6]

The counter is 7086

The angle is reset to 0.031536546387645185

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 7087

The angle is reset to 0.5470755824713516

Energy injection at [2, 8]

The counter is 7088

The angle is reset to 1.432952907729946

Energy injection at [2, 8]

The counter is 7089

The angle is reset to 1.003067035410962

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

The counter is 7090

The angle is reset to 1.2271469247876732

Energy injection at [2, 9]

The counter is 7091

The angle is reset to 0.8590028473513711

Energy injection at [2, 9]

The counter is 7092

The angle is reset to 0.6013019931459598

Energy injection at [2, 9]

The counter is 7093

The angle is reset to 0.4209113952021718

Energy injection at [2, 0]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 0

The counter is 7094

The angle is reset to 0.2946379766415202

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 3

current pc 2 0

The counter is 7095

The angle is reset to 0.20624658364906415

Energy injection at [2, 1]

The counter is 7096

The angle is reset to 359.61937260855433

Energy injection at [2, 0]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 0

loop closure

The counter is 7097

The angle is reset to 359.73356082598804

Energy injection at [2, 0]

The counter is 7098

The angle is reset to 359.81349257819164

Energy injection at [2, 0]

The counter is 7099

The angle is reset to 359.8694448047341

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 1

The counter is 7100

The angle is reset to 0.43361136331385264

Energy injection at [2, 1]

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The current number of the iteration is 7100

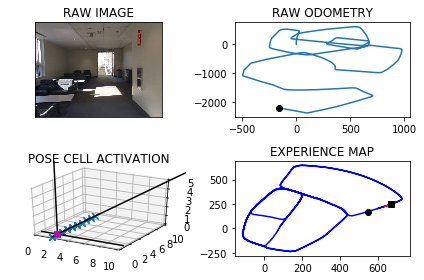
39.6670000553 seconds are elapsed per 100 frames.

The number of units of the VT is 2296

The number of units of the experience map is 2418

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The counter is 7101

The angle is reset to 0.3035279543196968

Energy injection at [2, 1]

The counter is 7102

The angle is reset to 0.21246956802378772

Energy injection at [2, 1]

The counter is 7103

The angle is reset to 0.1487286976166514

Energy injection at [2, 1]

The counter is 7104

The angle is reset to 0.10411008833165598

Energy injection at [2, 1]

The counter is 7105

The angle is reset to 0.07287706183215918

Energy injection at [2, 1]

The counter is 7106

The angle is reset to 0.05101394328251143

Energy injection at [2, 1]

The counter is 7107

The angle is reset to 0.035709760297758

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 2 2

loop closure

The counter is 7108

The angle is reset to 0.024996832208430596

Energy injection at [2, 3]

The counter is 7109

The angle is reset to 0.017497782545901418

Energy injection at [2, 3]

The counter is 7110

The angle is reset to 0.012248447782130991

Energy injection at [2, 3]

The counter is 7111

The angle is reset to 0.008573913447491694

Energy injection at [2, 3]

The counter is 7112

The angle is reset to 0.006001739413244185

Energy injection at [2, 3]

The counter is 7113

The angle is reset to 0.004201217589270929

Energy injection at [2, 3]

The counter is 7114

The angle is reset to 0.00294085231248965

Energy injection at [2, 4]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 4

The counter is 7120

The angle is reset to 359.47705859661875

Energy injection at [2, 6]

The counter is 7121

The angle is reset to 359.6339410176331

Energy injection at [2, 6]

The counter is 7122

The angle is reset to 359.74375871234315

Energy injection at [2, 8]

min\_delta\_val

1.0

e\_pc 2 8

current pc 2 7

loop closure

The counter is 7123

The angle is reset to 359.8206310986402

Energy injection at [2, 8]

The counter is 7124

The angle is reset to 0.39944176904813133

Energy injection at [2, 8]

The counter is 7125

The angle is reset to 0.2796092383336919

Energy injection at [2, 8]

The counter is 7126

The angle is reset to 0.1957264668335843

Energy injection at [2, 9]

min\_delta\_val

0.0

e\_pc 2 9

current pc 2 9

The counter is 7127

The angle is reset to 0.13700852678350903

Energy injection at [2, 9]

The counter is 7128

The angle is reset to 0.0959059687484563

Energy injection at [2, 9]

The counter is 7129

The angle is reset to 0.06713417812391942

Energy injection at [2, 9]

The counter is 7130

The angle is reset to 0.046993924686743585

Energy injection at [2, 9]

The counter is 7131

The angle is reset to 0.03289574728072051

Energy injection at [2, 9]

The counter is 7132

The angle is reset to 0.023027023096504354

Energy injection at [2, 9]

The counter is 7140

The angle is reset to 357.91611891616753

Energy injection at [2, 0]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 0

loop closure

The counter is 7141

The angle is reset to 357.4912832413172

Energy injection at [2, 0]

The counter is 7142

The angle is reset to 357.19389826892206

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 1

current pc 2 0

The counter is 7143

The angle is reset to 355.9357287882454

Energy injection at [2, 1]

The counter is 7144

The angle is reset to 355.0550101517718

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 1

current pc 2 1

The counter is 7145

The angle is reset to 353.3885071062402

Energy injection at [2, 2]

min\_delta\_val

1.0

e\_pc 2 2

current pc 2 1

loop closure

The counter is 7146

The angle is reset to 352.2219549743681

Energy injection at [2, 2]

min\_delta\_val

6.082762530298219

e\_pc 2 2

current pc 2 3

new experience map with case 2

The counter is 7147

The angle is reset to 337.9053684820576

Energy injection at [2, 2]

min\_delta\_val

6.0

e\_pc 2 2

current pc 2 2

new experience map with case 2

The counter is 7148

The angle is reset to 327.88375793744024

Energy injection at [2, 2]

The counter is 7149

The angle is reset to 318.76863055620817

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 2 2

current pc 2 2

loop closure

The counter is 7150

The angle is reset to 310.8130413893457

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 7151

The angle is reset to 307.86912897254206

Energy injection at [2, 3]

min\_delta\_val

1.4142135623730951

e\_pc 2 3

current pc 1 4

The counter is 7152

The angle is reset to 305.80839028077946

Energy injection at [2, 3]

min\_delta\_val

1.4142135623730951

e\_pc 2 3

current pc 1 4

The counter is 7153

The angle is reset to 304.3658731965456

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 2 3

The counter is 7154

The angle is reset to 290.9061112375819

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

The counter is 7155

The angle is reset to 282.00927786630734

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

The counter is 7156

The angle is reset to 276.3064945064151

Energy injection at [1, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 7157

The angle is reset to 272.83954615449056

Energy injection at [0, 3]

hash collision

The counter is 7158

The angle is reset to 271.46268230814337

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 7159

The angle is reset to 270.4988776157003

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 7160

The angle is reset to 270.34921433099015

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 8 3

current pc 9 3

The counter is 7163

The angle is reset to 244.81945003169312

Energy injection at [6, 6]

The counter is 7164

The angle is reset to 225.8986150221852

Energy injection at [6, 5]

min\_delta\_val

2.0

e\_pc 6 4

current pc 6 6

new experience map with case 2

The counter is 7169

The angle is reset to 239.12903051552962

Energy injection at [4, 3]

The counter is 7170

The angle is reset to 248.3903213608707

Energy injection at [4, 3]

The counter is 7172

The angle is reset to 254.87322495260946

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 7173

The angle is reset to 259.9362574668266

Energy injection at [3, 3]

min\_delta\_val

1.0

e\_pc 3 3

current pc 2 3

The counter is 7174

The angle is reset to 263.4803802267786

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 7175

The angle is reset to 265.961266158745

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

The counter is 7176

The angle is reset to 267.6978863111215

Energy injection at [2, 3]

The counter is 7177

The angle is reset to 268.91352041778504

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 1 3

The counter is 7179

The angle is reset to 269.76446429244953

Energy injection at [2, 3]

hash collision

The counter is 7180

The angle is reset to 269.83512500471466

Energy injection at [5, 2]

min\_delta\_val

3.1622776601683795

e\_pc 5 2

current pc 2 3

new experience map with case 2

counter 7183

multiple peak # >2

[0L, 1L, 4L, 5L] [3L, 3L, 2L, 2L]

counter 7184

multiple peak # >2

[0L, 1L, 4L, 5L] [3L, 3L, 2L, 2L]

counter 7185

multiple peak # >2

[0L, 1L, 4L, 5L] [3L, 3L, 2L, 2L]

counter 7186

multiple peak # >2

[0L, 1L, 4L, 5L] [3L, 3L, 2L, 2L]

counter 7187

multiple peak # >2

[0L, 1L, 4L, 5L] [3L, 3L, 2L, 2L]

The counter is 7188

The angle is reset to 244.98458750330028

Energy injection at [6, 1]

The counter is 7189

The angle is reset to 225.48921125231016

Energy injection at [6, 1]

The counter is 7190

The angle is reset to 211.84244787661711

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 7191

The angle is reset to 202.28971351363197

Energy injection at [6, 0]

The counter is 7192

The angle is reset to 195.60279945954235

Energy injection at [6, 0]

The counter is 7193

The angle is reset to 190.92195962167963

Energy injection at [6, 0]

The counter is 7194

The angle is reset to 187.64537173517573

Energy injection at [6, 0]

The counter is 7195

The angle is reset to 185.351760214623

Energy injection at [6, 0]

The counter is 7196

The angle is reset to 184.2712321502361

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7197

The angle is reset to 184.03986250516525

Energy injection at [6, 0]

The counter is 7198

The angle is reset to 183.35290375361566

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

The counter is 7199

The angle is reset to 182.87203262753096

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

loop closure

The counter is 7200

The angle is reset to 182.01042283927165

Energy injection at [6, 9]

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The current number of the iteration is 7200

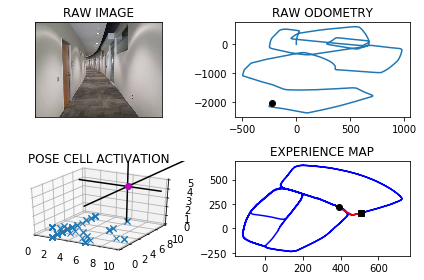
66.0499999523 seconds are elapsed per 100 frames.

The number of units of the VT is 2310

The number of units of the experience map is 2442

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The counter is 7201

The angle is reset to 181.40729598749013

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 7203

The angle is reset to 180.98510719124312

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 7204

The angle is reset to 180.68957503387014

Energy injection at [6, 9]

The counter is 7205

The angle is reset to 180.48270252370912

Energy injection at [6, 9]

hash collision

The counter is 7206

The angle is reset to 180.33789176659633

Energy injection at [6, 9]

hash collision

The counter is 7207

The angle is reset to 180.23652423661744

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 7208

The angle is reset to 180.6905669656322

Energy injection at [6, 9]

hash collision

The counter is 7209

The angle is reset to 181.00839687594254

Energy injection at [6, 9]

The counter is 7210

The angle is reset to 181.2308778131598

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 7211

The angle is reset to 180.86161446921184

Energy injection at [6, 9]

The counter is 7212

The angle is reset to 180.60313012844827

Energy injection at [6, 9]

The counter is 7213

The angle is reset to 180.42219108991378

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 8

loop closure

The counter is 7214

The angle is reset to 180.29553376293964

Energy injection at [6, 7]

The counter is 7215

The angle is reset to 180.20687363405776

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 6

loop closure

The counter is 7216

The angle is reset to 180.1448115438404

Energy injection at [6, 0]

The counter is 7217

The angle is reset to 180.10136808068827

Energy injection at [6, 7]

The counter is 7220

The angle is reset to 180.59595765648177

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 7221

The angle is reset to 180.94217035953727

Energy injection at [6, 6]

The counter is 7222

The angle is reset to 181.18451925167608

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 5

The counter is 7223

The angle is reset to 180.82916347617325

Energy injection at [6, 6]

The counter is 7224

The angle is reset to 180.58041443332127

Energy injection at [6, 6]

The counter is 7227

The angle is reset to 180.4062901033249

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 7228

The angle is reset to 180.2844030723274

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 6

loop closure

The counter is 7229

The angle is reset to 180.19908215062918

Energy injection at [6, 6]

The counter is 7230

The angle is reset to 180.13935750544042

Energy injection at [6, 6]

The counter is 7231

The angle is reset to 180.62255025380827

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 7232

The angle is reset to 180.9607851776658

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 7233

The angle is reset to 181.19754962436602

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 5

The counter is 7234

The angle is reset to 180.83828473705623

Energy injection at [6, 4]

The counter is 7235

The angle is reset to 180.58679931593937

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 4

loop closure

The counter is 7236

The angle is reset to 180.41075952115756

Energy injection at [6, 5]

The counter is 7237

The angle is reset to 180.28753166481027

Energy injection at [6, 5]

The counter is 7238

The angle is reset to 180.20127216536716

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 7239

The angle is reset to 180.140890515757

Energy injection at [6, 4]

The counter is 7240

The angle is reset to 180.0986233610299

Energy injection at [6, 4]

The counter is 7241

The angle is reset to 180.06903635272093

Energy injection at [6, 4]

The counter is 7242

The angle is reset to 180.57332544690462

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 3

loop closure

The counter is 7243

The angle is reset to 180.92632781283322

Energy injection at [6, 4]

The counter is 7246

The angle is reset to 180.64842946898327

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

loop closure

The counter is 7247

The angle is reset to 180.45390062828827

Energy injection at [6, 3]

The counter is 7248

The angle is reset to 180.31773043980178

Energy injection at [6, 3]

The counter is 7249

The angle is reset to 180.22241130786125

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 2

loop closure

The counter is 7252

The angle is reset to 180.15568791550285

Energy injection at [6, 3]

min\_delta\_val

2.0

e\_pc 6 3

current pc 6 1

new experience map with case 2

The counter is 7255

The angle is reset to 180.633981540852

Energy injection at [6, 9]

The counter is 7256

The angle is reset to 180.9687870785964

Energy injection at [6, 9]

The counter is 7257

The angle is reset to 181.20315095501746

Energy injection at [6, 7]

The counter is 7258

The angle is reset to 180.8422056685122

Energy injection at [6, 2]

The counter is 7259

The angle is reset to 180.58954396795852

Energy injection at [6, 2]

hash collision

The counter is 7260

The angle is reset to 180.41268077757096

Energy injection at [6, 2]

hash collision

The counter is 7261

The angle is reset to 180.28887654429968

Energy injection at [6, 6]

The counter is 7262

The angle is reset to 180.20221358100974

Energy injection at [6, 6]

hash collision

The counter is 7263

The angle is reset to 180.14154950670684

Energy injection at [6, 6]

hash collision

The counter is 7267

The angle is reset to 180.09908465469476

Energy injection at [6, 4]

The counter is 7268

The angle is reset to 180.06935925828634

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 7269

The angle is reset to 180.04855148080043

Energy injection at [6, 4]

The counter is 7272

The angle is reset to 179.50898603656032

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

loop closure

The counter is 7273

The angle is reset to 179.65629022559222

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 7274

The angle is reset to 179.75940315791453

Energy injection at [6, 3]

The counter is 7275

The angle is reset to 179.83158221054015

Energy injection at [6, 3]

The counter is 7276

The angle is reset to 179.88210754737813

Energy injection at [6, 3]

The counter is 7277

The angle is reset to 179.9174752831647

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 7297

The angle is reset to 182.56723269821526

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 7298

The angle is reset to 181.79706288875067

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 7299

The angle is reset to 181.25794402212549

Energy injection at [6, 0]

The counter is 7300

The angle is reset to 180.88056081548783

Energy injection at [6, 0]

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The current number of the iteration is 7300

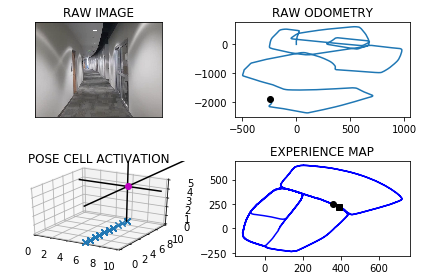
62.0580000877 seconds are elapsed per 100 frames.

The number of units of the VT is 2327

The number of units of the experience map is 2467

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The counter is 7301

The angle is reset to 180.6163925708415

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 9

The counter is 7302

The angle is reset to 180.95647479958902

Energy injection at [6, 0]

The counter is 7303

The angle is reset to 181.19453235971233

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7304

The angle is reset to 180.8361726517986

Energy injection at [6, 0]

The counter is 7305

The angle is reset to 180.58532085625902

Energy injection at [6, 0]

hash collision

The counter is 7306

The angle is reset to 180.4097245993813

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 7307

The angle is reset to 180.28680721956692

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

The counter is 7308

The angle is reset to 180.20076505369684

Energy injection at [6, 9]

The counter is 7309

The angle is reset to 180.14053553758777

Energy injection at [6, 9]

The counter is 7310

The angle is reset to 180.09837487631145

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 7311

The angle is reset to 180.068862413418

Energy injection at [6, 8]

The counter is 7312

The angle is reset to 181.0982036893926

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 8

The counter is 7313

The angle is reset to 180.76874258257482

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 7

The counter is 7314

The angle is reset to 180.53811980780233

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 5

The counter is 7315

The angle is reset to 180.37668386546164

Energy injection at [6, 6]

min\_delta\_val

1.0

e\_pc 6 6

current pc 6 5

loop closure

The counter is 7316

The angle is reset to 180.26367870582314

Energy injection at [6, 6]

The counter is 7318

The angle is reset to 180.1845750940762

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 7319

The angle is reset to 180.12920256585332

Energy injection at [6, 5]

The counter is 7320

The angle is reset to 180.0904417960973

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 7321

The angle is reset to 180.06330925726812

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 7322

The angle is reset to 180.04431648008764

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 7323

The angle is reset to 180.03102153606136

Energy injection at [6, 5]

The counter is 7324

The angle is reset to 180.02171507524295

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

loop closure

The counter is 7325

The angle is reset to 180.54020055267006

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 7326

The angle is reset to 180.90314038686904

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 7329

The angle is reset to 180.63219827080835

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

loop closure

The counter is 7330

The angle is reset to 180.44253878956582

Energy injection at [6, 3]

The counter is 7331

The angle is reset to 180.30977715269606

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 2

The counter is 7332

The angle is reset to 180.21684400688721

Energy injection at [6, 3]

The counter is 7333

The angle is reset to 180.15179080482105

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 3

The counter is 7334

The angle is reset to 180.10625356337474

Energy injection at [6, 3]

The counter is 7335

The angle is reset to 180.5993774943623

Energy injection at [6, 3]

The counter is 7336

The angle is reset to 180.41956424605357

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 7337

The angle is reset to 180.29369497223752

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

The counter is 7338

The angle is reset to 180.20558648056624

Energy injection at [6, 2]

The counter is 7339

The angle is reset to 180.1439105363964

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 2

loop closure

The counter is 7342

The angle is reset to 180.10073737547745

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 7349

The angle is reset to 181.12051616283424

Energy injection at [6, 9]

The counter is 7350

The angle is reset to 180.78436131398394

Energy injection at [6, 0]

The counter is 7351

The angle is reset to 180.54905291978878

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 0

loop closure

The counter is 7352

The angle is reset to 180.3843370438521

Energy injection at [6, 0]

The counter is 7353

The angle is reset to 180.26903593069645

Energy injection at [6, 9]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 0

loop closure

The counter is 7358

The angle is reset to 180.7133251514875

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 7361

The angle is reset to 180.49932760604128

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 8

loop closure

The counter is 7365

The angle is reset to 180.34952932422888

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 7366

The angle is reset to 180.24467052696022

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

loop closure

The counter is 7367

The angle is reset to 180.17126936887212

Energy injection at [6, 7]

The counter is 7368

The angle is reset to 180.1198885582105

Energy injection at [6, 7]

The counter is 7369

The angle is reset to 180.08392199074737

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 7370

The angle is reset to 180.58374539352312

Energy injection at [6, 8]

The counter is 7371

The angle is reset to 180.40862177546617

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 7372

The angle is reset to 180.28603524282633

Energy injection at [6, 7]

The counter is 7373

The angle is reset to 180.2002246699784

Energy injection at [6, 7]

min\_delta\_val

1.0

e\_pc 6 7

current pc 6 6

loop closure

The counter is 7374

The angle is reset to 180.14015726898486

Energy injection at [6, 7]

The counter is 7375

The angle is reset to 180.09811008828942

Energy injection at [6, 7]

The counter is 7376

The angle is reset to 180.0686770618026

Energy injection at [6, 7]

The counter is 7377

The angle is reset to 180.0480739432618

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 7378

The angle is reset to 180.55865176028323

Energy injection at [6, 7]

The counter is 7379

The angle is reset to 180.9160562321983

Energy injection at [6, 7]

The counter is 7380

The angle is reset to 181.1662393625388

Energy injection at [6, 7]

The counter is 7381

The angle is reset to 180.81636755377713

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 7382

The angle is reset to 180.571457287644

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

The counter is 7383

The angle is reset to 180.40002010135078

Energy injection at [6, 6]

The counter is 7384

The angle is reset to 180.28001407094555

Energy injection at [6, 6]

The counter is 7385

The angle is reset to 180.19600984966186

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

The counter is 7386

The angle is reset to 179.6122068947633

Energy injection at [6, 6]

The counter is 7387

The angle is reset to 179.7285448263343

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 7388

The angle is reset to 179.80998137843403

Energy injection at [6, 5]

The counter is 7389

The angle is reset to 179.8669869649038

Energy injection at [6, 5]

The counter is 7390

The angle is reset to 179.90689087543265

Energy injection at [6, 5]

The counter is 7391

The angle is reset to 179.93482361280286

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

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

The current number of the iteration is 7400

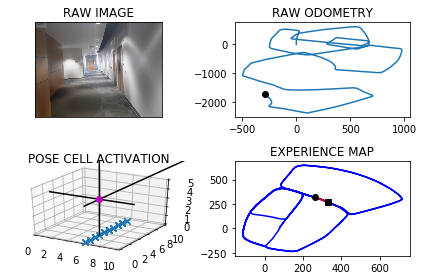
80.6740000248 seconds are elapsed per 100 frames.

The number of units of the VT is 2345

The number of units of the experience map is 2488

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The counter is 7405

The angle is reset to 182.054376528962

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

loop closure

The counter is 7406

The angle is reset to 181.43806357027339

Energy injection at [6, 3]

min\_delta\_val

0.0

e\_pc 6 3

current pc 6 3

The counter is 7407

The angle is reset to 181.00664449919137

Energy injection at [6, 3]

The counter is 7408

The angle is reset to 180.70465114943391

Energy injection at [6, 3]

The counter is 7409

The angle is reset to 180.49325580460376

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 7410

The angle is reset to 180.3452790632226

Energy injection at [6, 2]

The counter is 7411

The angle is reset to 180.2416953442558

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 2

The counter is 7412

The angle is reset to 180.16918674097903

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 7413

The angle is reset to 180.11843071868532

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 7414

The angle is reset to 180.6079015030797

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 6 1

loop closure

The counter is 7415

The angle is reset to 180.4255310521558

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 7416

The angle is reset to 180.29787173650905

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 1

The counter is 7417

The angle is reset to 180.20851021555632

Energy injection at [6, 2]

hash collision

The counter is 7418

The angle is reset to 180.6709571508894

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 7419

The angle is reset to 180.46967000562256

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 7420

The angle is reset to 180.32876900393578

Energy injection at [6, 1]

The counter is 7421

The angle is reset to 180.23013830275505

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 7422

The angle is reset to 180.1610968119285

Energy injection at [6, 1]

The counter is 7423

The angle is reset to 180.11276776834995

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 0

The counter is 7424

The angle is reset to 180.603937437845

Energy injection at [6, 1]

The counter is 7425

The angle is reset to 180.42275620649144

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 7426

The angle is reset to 180.295929344544

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 7427

The angle is reset to 180.2071505411808

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 7428

The angle is reset to 180.14500537882657

Energy injection at [6, 0]

min\_delta\_val

1.0

e\_pc 6 0

current pc 6 1

loop closure

The counter is 7429

The angle is reset to 180.1015037651786

Energy injection at [6, 0]

The counter is 7430

The angle is reset to 180.071052635625

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7431

The angle is reset to 180.04973684493748

Energy injection at [6, 0]

The counter is 7432

The angle is reset to 179.50981579145622

Energy injection at [6, 0]

The counter is 7433

The angle is reset to 179.65687105401935

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 6 1

current pc 6 0

loop closure

The counter is 7434

The angle is reset to 179.7598097378135

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7435

The angle is reset to 179.83186681646947

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7436

The angle is reset to 179.8823067715286

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 7437

The angle is reset to 180.44261474007

Energy injection at [6, 0]

The counter is 7438

The angle is reset to 180.309830318049

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7439

The angle is reset to 180.2168812226343

Energy injection at [6, 0]

The counter is 7440

The angle is reset to 180.151816855844

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7441

The angle is reset to 180.10627179909076

Energy injection at [6, 0]

The counter is 7442

The angle is reset to 180.07439025936355

Energy injection at [6, 0]

The counter is 7443

The angle is reset to 180.05207318155448

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 7444

The angle is reset to 180.03645122708812

Energy injection at [6, 9]

The counter is 7445

The angle is reset to 180.02551585896168

Energy injection at [6, 9]

The counter is 7446

The angle is reset to 180.01786110127318

Energy injection at [6, 9]

The counter is 7447

The angle is reset to 180.0125027708912

Energy injection at [6, 9]

The counter is 7448

The angle is reset to 180.00875193962383

Energy injection at [6, 9]

The counter is 7449

The angle is reset to 180.00612635773666

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

loop closure

The counter is 7450

The angle is reset to 180.00428845041566

Energy injection at [6, 8]

The counter is 7451

The angle is reset to 180.00300191529095

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 7452

The angle is reset to 180.00210134070363

Energy injection at [6, 7]

The counter is 7453

The angle is reset to 180.00147093849256

Energy injection at [6, 7]

min\_delta\_val

0.0

e\_pc 6 7

current pc 6 7

The counter is 7454

The angle is reset to 180.00102965694478

Energy injection at [6, 7]

The counter is 7455

The angle is reset to 180.00072075986134

Energy injection at [6, 6]

hash collision

The counter is 7456

The angle is reset to 180.00050453190292

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

The counter is 7457

The angle is reset to 180.00035317233204

Energy injection at [6, 6]

min\_delta\_val

0.0

e\_pc 6 6

current pc 6 6

loop closure

The counter is 7458

The angle is reset to 180.00024722063242

Energy injection at [6, 6]

The counter is 7459

The angle is reset to 180.00017305444266

Energy injection at [6, 5]

min\_delta\_val

1.0

e\_pc 6 5

current pc 6 6

loop closure

The counter is 7460

The angle is reset to 180.00012113810985

Energy injection at [6, 5]

The counter is 7461

The angle is reset to 180.00008479667687

Energy injection at [6, 5]

The counter is 7462

The angle is reset to 180.0000593576738

Energy injection at [6, 5]

min\_delta\_val

0.0

e\_pc 6 5

current pc 6 5

The counter is 7465

The angle is reset to 180.00004155037166

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

loop closure

The counter is 7466

The angle is reset to 172.65002908526014

Energy injection at [6, 4]

The counter is 7467

The angle is reset to 174.8550203596821

Energy injection at [6, 4]

min\_delta\_val

1.0

e\_pc 6 4

current pc 6 3

The counter is 7468

The angle is reset to 176.39851425177747

Energy injection at [6, 4]

The counter is 7469

The angle is reset to 177.4789599762442

Energy injection at [6, 4]

The counter is 7470

The angle is reset to 178.76027198337096

Energy injection at [6, 4]

The counter is 7471

The angle is reset to 179.65719038835965

Energy injection at [6, 4]

min\_delta\_val

0.0

e\_pc 6 4

current pc 6 4

The counter is 7472

The angle is reset to 179.76003327185174

Energy injection at [6, 4]

The counter is 7473

The angle is reset to 179.83202329029623

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 4

The counter is 7474

The angle is reset to 179.88241630320732

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 2

The counter is 7475

The angle is reset to 179.91769141224515

Energy injection at [6, 3]

The counter is 7476

The angle is reset to 179.94238398857158

Energy injection at [6, 3]

The counter is 7477

The angle is reset to 179.95966879200012

Energy injection at [6, 3]

The counter is 7478

The angle is reset to 179.97176815440008

Energy injection at [6, 3]

The counter is 7479

The angle is reset to 179.98023770808004

Energy injection at [6, 3]

The counter is 7480

The angle is reset to 179.986166395656

Energy injection at [6, 2]

hash collision

The counter is 7481

The angle is reset to 179.9903164769592

Energy injection at [6, 2]

hash collision

The counter is 7482

The angle is reset to 180.51822153387147

Energy injection at [6, 3]

min\_delta\_val

1.0

e\_pc 6 3

current pc 6 2

The counter is 7483

The angle is reset to 180.88775507371

Energy injection at [6, 2]

hash collision

The counter is 7484

The angle is reset to 181.14642855159698

Energy injection at [6, 2]

hash collision

The counter is 7485

The angle is reset to 180.8024999861179

Energy injection at [6, 2]

hash collision

The counter is 7486

The angle is reset to 180.03674999028254

Energy injection at [6, 2]

The counter is 7487

The angle is reset to 180.02572499319777

Energy injection at [6, 2]

The counter is 7488

The angle is reset to 179.49300749523846

Energy injection at [4, 7]

The counter is 7489

The angle is reset to 179.64510524666693

Energy injection at [4, 7]

The counter is 7490

The angle is reset to 179.75157367266684

Energy injection at [6, 2]

The counter is 7491

The angle is reset to 179.82610157086677

Energy injection at [6, 2]

The counter is 7492

The angle is reset to 179.87827109960674

Energy injection at [6, 2]

The counter is 7493

The angle is reset to 179.9147897697247

Energy injection at [6, 1]

hash collision

The counter is 7494

The angle is reset to 180.4653528388073

Energy injection at [6, 1]

hash collision

The counter is 7495

The angle is reset to 180.3257469871651

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

loop closure

The counter is 7496

The angle is reset to 180.22802289101554

Energy injection at [6, 1]

The counter is 7497

The angle is reset to 180.1596160237109

Energy injection at [6, 1]

min\_delta\_val

0.0

e\_pc 6 1

current pc 6 1

The counter is 7498

The angle is reset to 180.11173121659758

Energy injection at [6, 1]

The counter is 7499

The angle is reset to 180.0782118516183

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7500

The angle is reset to 180.05474829613283

Energy injection at [6, 0]

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The current number of the iteration is 7500

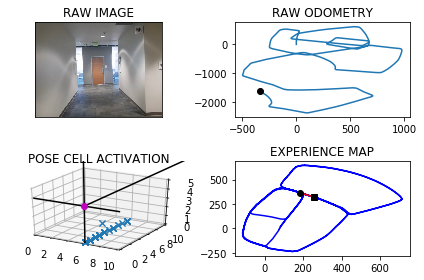
97.2680001259 seconds are elapsed per 100 frames.

The number of units of the VT is 2347

The number of units of the experience map is 2493

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The counter is 7501

The angle is reset to 180.03832380729295

Energy injection at [6, 0]

The counter is 7502

The angle is reset to 180.02682666510506

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7503

The angle is reset to 180.0187786655735

Energy injection at [6, 0]

The counter is 7504

The angle is reset to 180.53814506590146

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 7505

The angle is reset to 193.87670154613102

Energy injection at [3, 6]

The counter is 7506

The angle is reset to 203.7386910822917

Energy injection at [3, 6]

hash collision

The counter is 7507

The angle is reset to 210.64208375760415

Energy injection at [3, 6]

hash collision

The counter is 7508

The angle is reset to 214.9494586303229

Energy injection at [3, 6]

hash collision

The counter is 7509

The angle is reset to 204.46462104122602

Energy injection at [6, 0]

min\_delta\_val

5.0

e\_pc 6 0

current pc 3 6

new experience map with case 2

The counter is 7510

The angle is reset to 210.6252347288582

Energy injection at [2, 5]

hash collision

The counter is 7511

The angle is reset to 214.93766431020074

Energy injection at [2, 5]

hash collision

The counter is 7512

The angle is reset to 217.9563650171405

Energy injection at [2, 5]

hash collision

The counter is 7513

The angle is reset to 220.06945551199834

Energy injection at [2, 5]

hash collision

The counter is 7514

The angle is reset to 221.54861885839884

Energy injection at [2, 5]

hash collision

The counter is 7517

The angle is reset to 223.10903320087917

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 223.67632324061537

Energy injection at [2, 5]

The counter is 7519

The angle is reset to 224.07342626843075

Energy injection at [1, 4]

The counter is 7522

The angle is reset to 224.35139838790153

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 224.02097887153107

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 7524

The angle is reset to 224.31468521007173

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 7525

The angle is reset to 224.52027964705022

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 7528

The angle is reset to 225.71419575293513

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 0 3

current pc 9 3

loop closure

The counter is 7529

The angle is reset to 226.02493702705456

Energy injection at [0, 3]

The counter is 7530

The angle is reset to 226.24245591893822

Energy injection at [0, 3]

hash collision

The counter is 7531

The angle is reset to 225.86971914325673

Energy injection at [0, 3]

hash collision

The counter is 7532

The angle is reset to 226.1338034002797

Energy injection at [9, 2]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 0 3

loop closure

The counter is 7537

The angle is reset to 225.79366238019577

Energy injection at [8, 1]

hash collision

The counter is 7538

The angle is reset to 225.55556366613706

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 225.3888945662959

Energy injection at [8, 1]

The counter is 7540

The angle is reset to 225.2722261964071

Energy injection at [8, 1]

The counter is 7541

The angle is reset to 225.19055833748496

Energy injection at [9, 3]

The counter is 7542

The angle is reset to 225.13339083623947

Energy injection at [9, 3]

The counter is 7543

The angle is reset to 225.0933735853676

Energy injection at [8, 1]

The counter is 7544

The angle is reset to 225.0653615097573

Energy injection at [8, 1]

min\_delta\_val

1.4142135623730951

e\_pc 8 1

current pc 7 0

loop closure

The counter is 7546

The angle is reset to 224.5207530568301

Energy injection at [7, 0]

hash collision

The counter is 7547

The angle is reset to 224.66452713978106

Energy injection at [7, 0]

hash collision

The counter is 7548

The angle is reset to 225.29016899784673

Energy injection at [7, 0]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 7 0

loop closure

The counter is 7550

The angle is reset to 226.2531182984927

Energy injection at [7, 0]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 7551

The angle is reset to 226.4021828089449

Energy injection at [7, 0]

The counter is 7552

The angle is reset to 226.50652796626142

Energy injection at [6, 9]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 5 8

The counter is 7553

The angle is reset to 226.57956957638297

Energy injection at [6, 9]

min\_delta\_val

1.4142135623730951

e\_pc 5 8

current pc 6 9

The counter is 7555

The angle is reset to 233.45569870346807

Energy injection at [5, 8]

The counter is 7556

The angle is reset to 233.01898909242763

Energy injection at [5, 8]

The counter is 7557

The angle is reset to 232.18829236469932

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 7558

The angle is reset to 232.1318046552895

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

The counter is 7559

The angle is reset to 233.66726325870263

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

The counter is 7560

The angle is reset to 235.26708428109183

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

over

The counter is 7566

The angle is reset to 272.9869589967642

Energy injection at [3, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 7567

The angle is reset to 275.24087129773494

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7568

The angle is reset to 276.2936099084144

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7574

The angle is reset to 279.1305269358901

Energy injection at [1, 8]

min\_delta\_val

0.0

e\_pc 1 8

current pc 1 8

loop closure

The counter is 7575

The angle is reset to 276.39136885512306

Energy injection at [1, 8]

min\_delta\_val

0.0

e\_pc 1 8

current pc 1 8

The counter is 7576

The angle is reset to 274.4739581985861

Energy injection at [1, 8]

The counter is 7577

The angle is reset to 273.65677073901026

Energy injection at [0, 8]

min\_delta\_val

0.0

e\_pc 0 8

current pc 0 8

The counter is 7578

The angle is reset to 286.5847395173072

Energy injection at [0, 0]

hash collision

The counter is 7579

The angle is reset to 295.634317662115

Energy injection at [0, 0]

The counter is 7580

The angle is reset to 301.96902236348046

Energy injection at [0, 0]

The counter is 7581

The angle is reset to 306.4033156544363

Energy injection at [0, 0]

The counter is 7587

The angle is reset to 308.4573209581054

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 7588

The angle is reset to 310.4201246706738

Energy injection at [8, 6]

The counter is 7589

The angle is reset to 311.79408726947156

Energy injection at [8, 6]

The counter is 7590

The angle is reset to 312.75586108863007

Energy injection at [8, 6]

The counter is 7591

The angle is reset to 313.95410276204103

Energy injection at [8, 6]

min\_delta\_val

2.23606797749979

e\_pc 9 7

current pc 7 6

new experience map with case 2

The counter is 7592

The angle is reset to 314.7928719334287

Energy injection at [8, 7]

min\_delta\_val

1.0

e\_pc 8 7

current pc 8 6

loop closure

The counter is 7593

The angle is reset to 314.8550103534001

Energy injection at [8, 6]

hash collision

The counter is 7595

The angle is reset to 313.84850724738004

Energy injection at [7, 8]

min\_delta\_val

1.0

e\_pc 7 8

current pc 7 7

loop closure

The counter is 7596

The angle is reset to 313.143955073166

Energy injection at [7, 8]

The counter is 7597

The angle is reset to 313.1757685512162

Energy injection at [7, 8]

The counter is 7598

The angle is reset to 313.72303798585136

Energy injection at [7, 8]

min\_delta\_val

1.4142135623730951

e\_pc 7 8

current pc 6 9

loop closure

The counter is 7599

The angle is reset to 314.1061265900959

Energy injection at [7, 8]

The counter is 7600

The angle is reset to 314.3742886130671

Energy injection at [7, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 7 8

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

The current number of the iteration is 7600

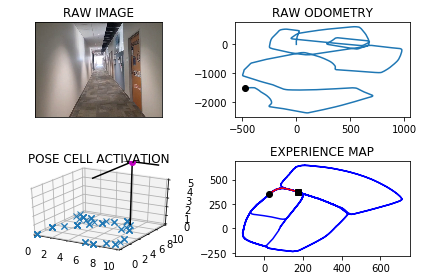
88.621999979 seconds are elapsed per 100 frames.

The number of units of the VT is 2368

The number of units of the experience map is 2523

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The counter is 7601

The angle is reset to 314.5620020291469

Energy injection at [7, 8]

The counter is 7602

The angle is reset to 314.6934014204029

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 7603

The angle is reset to 315.310380994282

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 7604

The angle is reset to 315.21726669599735

Energy injection at [6, 9]

The counter is 7605

The angle is reset to 315.1520866871981

Energy injection at [6, 8]

min\_delta\_val

1.0

e\_pc 6 8

current pc 6 9

The counter is 7606

The angle is reset to 315.1064606810387

Energy injection at [6, 8]

The counter is 7607

The angle is reset to 315.0745224767271

Energy injection at [6, 8]

The counter is 7608

The angle is reset to 328.02716573370896

Energy injection at [9, 9]

The counter is 7609

The angle is reset to 323.5940160135963

Energy injection at [5, 9]

The counter is 7610

The angle is reset to 321.0158112095174

Energy injection at [5, 9]

The counter is 7613

The angle is reset to 319.21106784666216

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 4 0

loop closure

The counter is 7614

The angle is reset to 318.4727474926635

Energy injection at [5, 0]

The counter is 7615

The angle is reset to 317.9559232448644

Energy injection at [5, 0]

The counter is 7616

The angle is reset to 317.06914627140503

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 7617

The angle is reset to 316.44840238998347

Energy injection at [5, 0]

The counter is 7618

The angle is reset to 316.0138816729884

Energy injection at [5, 0]

The counter is 7619

The angle is reset to 315.7097171710919

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 7620

The angle is reset to 314.97180201976425

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

The counter is 7622

The angle is reset to 314.98026141383497

Energy injection at [4, 1]

min\_delta\_val

1.0

e\_pc 4 2

current pc 4 1

loop closure

The counter is 7623

The angle is reset to 314.9861829896845

Energy injection at [4, 1]

The counter is 7624

The angle is reset to 314.9903280927792

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 4 1

The counter is 7625

The angle is reset to 314.99322966494543

Energy injection at [3, 1]

The counter is 7626

The angle is reset to 314.99526076546175

Energy injection at [3, 1]

The counter is 7627

The angle is reset to 314.99668253582325

Energy injection at [3, 1]

The counter is 7628

The angle is reset to 314.47267777507625

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 7629

The angle is reset to 314.10587444255333

Energy injection at [3, 1]

The counter is 7630

The angle is reset to 314.3741121097873

Energy injection at [3, 1]

The counter is 7633

The angle is reset to 314.56187847685106

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 2 2

loop closure

The counter is 7634

The angle is reset to 315.21831493379574

Energy injection at [2, 3]

The counter is 7635

The angle is reset to 315.677820453657

Energy injection at [2, 3]

min\_delta\_val

2.8284271247461903

e\_pc 3 2

current pc 1 4

new experience map with case 2

The counter is 7636

The angle is reset to 315.99947431755993

Energy injection at [2, 3]

The counter is 7637

The angle is reset to 316.224632022292

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 7638

The angle is reset to 316.38224241560437

Energy injection at [2, 3]

The counter is 7639

The angle is reset to 316.49256969092306

Energy injection at [2, 3]

The counter is 7642

The angle is reset to 329.5447987836462

Energy injection at [9, 6]

The counter is 7643

The angle is reset to 338.68135914855225

Energy injection at [9, 6]

The counter is 7644

The angle is reset to 345.0769514039866

Energy injection at [9, 6]

The counter is 7645

The angle is reset to 349.55386598279057

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

loop closure

The counter is 7646

The angle is reset to 352.6877061879534

Energy injection at [9, 7]

The counter is 7647

The angle is reset to 354.8813943315673

Energy injection at [9, 6]

The counter is 7648

The angle is reset to 356.94197603209716

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

loop closure

The counter is 7649

The angle is reset to 357.859383222468

Energy injection at [9, 6]

The counter is 7650

The angle is reset to 358.50156825572753

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 358.9510977790093

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 359.26576844530643

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 358.9610379117145

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 358.2227265382001

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 358.75590857674007

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 359.12913600371803

Energy injection at [9, 8]

The counter is 7661

The angle is reset to 359.39039520260263

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 359.5732766418218

Energy injection at [9, 0]

hash collision

The counter is 7672

The angle is reset to 358.6512936492752

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 359.5809055544926

Energy injection at [9, 1]

The counter is 7696

The angle is reset to 1.8066338881448418

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 0.7396437217013893

Energy injection at [9, 7]

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The current number of the iteration is 7700

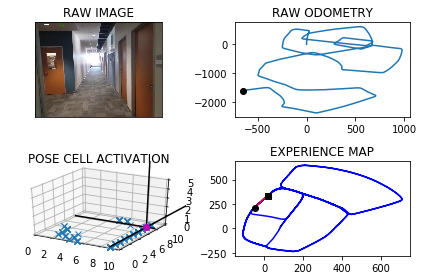
50.2920000553 seconds are elapsed per 100 frames.

The number of units of the VT is 2392

The number of units of the experience map is 2555

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The counter is 7703

The angle is reset to 359.9927506051909

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 1.5699254236336617

Energy injection at [9, 7]

min\_delta\_val

1.0

e\_pc 9 8

current pc 9 7

loop closure

The counter is 7706

The angle is reset to 1.6239477965435631

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 1.1367634575804941

Energy injection at [9, 7]

The counter is 7713

The angle is reset to 0.7957344203063459

Energy injection at [9, 0]

The counter is 7714

The angle is reset to 0.557014094214442

Energy injection at [9, 0]

The counter is 7717

The angle is reset to 1.4399098659501093

Energy injection at [9, 9]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 7718

The angle is reset to 1.5329369061650764

Energy injection at [9, 0]

hash collision

The counter is 7719

The angle is reset to 1.0730558343155534

Energy injection at [9, 0]

hash collision

The counter is 7721

The angle is reset to 0.22613908402088737

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 359.6332973588146

Energy injection at [9, 0]

The counter is 7723

The angle is reset to 359.2183081511702

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 359.4528157058191

Energy injection at [9, 2]

The counter is 7729

The angle is reset to 0.14197099407338865

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 0.624379695851372

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 0.43706578709596033

Energy injection at [9, 2]

The counter is 7732

The angle is reset to 0.3059460509671722

Energy injection at [9, 2]

The counter is 7733

The angle is reset to 0.2141622356770205

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 0.14991356497391436

Energy injection at [9, 3]

The counter is 7735

The angle is reset to 0.10493949548174003

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 0.07345764683721802

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

loop closure

The counter is 7739

The angle is reset to 0.5764203527860526

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 7740

The angle is reset to 0.9284942469502367

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 7741

The angle is reset to 1.1749459728651659

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 1.347462181005616

Energy injection at [9, 4]

The counter is 7743

The angle is reset to 1.4682235267039307

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 1.0277564686927516

Energy injection at [9, 5]

The counter is 7745

The angle is reset to 0.19442952808492614

Energy injection at [9, 5]

The counter is 7746

The angle is reset to 359.61110066965944

Energy injection at [9, 5]

The counter is 7747

The angle is reset to 359.7277704687616

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 359.8094393281331

Energy injection at [9, 6]

The counter is 7749

The angle is reset to 0.39160752969317375

Energy injection at [9, 6]

The counter is 7750

The angle is reset to 0.7991252707852214

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 1.084387689549655

Energy injection at [9, 7]

The counter is 7752

The angle is reset to 1.2840713826847585

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 0.8988499678793307

Energy injection at [9, 8]

The counter is 7754

The angle is reset to 0.6291949775155316

Energy injection at [9, 8]

The counter is 7756

The angle is reset to 359.9154364842608

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 359.41580553898257

Energy injection at [9, 8]

The counter is 7758

The angle is reset to 359.5910638772878

Energy injection at [9, 8]

The counter is 7759

The angle is reset to 359.71374471410144

Energy injection at [9, 9]

hash collision

The counter is 7760

The angle is reset to 359.79962129987103

Energy injection at [9, 9]

hash collision

The counter is 7761

The angle is reset to 359.8597349099097

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 359.9018144369368

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 359.9312701058557

Energy injection at [9, 9]

The counter is 7764

The angle is reset to 359.95188907409903

Energy injection at [9, 9]

The counter is 7765

The angle is reset to 359.9663223518693

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 359.9764256463085

Energy injection at [9, 0]

The counter is 7767

The angle is reset to 359.9834979524159

Energy injection at [9, 0]

The counter is 7768

The angle is reset to 359.46344856669117

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 359.6244139966838

Energy injection at [9, 0]

The counter is 7770

The angle is reset to 359.7370897976786

Energy injection at [9, 0]

The counter is 7771

The angle is reset to 359.81596285837503

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 359.8711740008625

Energy injection at [9, 1]

The counter is 7773

The angle is reset to 359.9098218006037

Energy injection at [9, 1]

The counter is 7774

The angle is reset to 359.9368752604226

Energy injection at [9, 1]

The counter is 7775

The angle is reset to 0.4808126822958117

Energy injection at [9, 1]

The counter is 7776

The angle is reset to 0.33656887760706816

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 0.2355982143249477

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 0.16491875002746337

Energy injection at [9, 2]

The counter is 7779

The angle is reset to 0.11544312501922438

Energy injection at [9, 2]

The counter is 7780

The angle is reset to 0.08081018751345705

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 0.05656713125941993

Energy injection at [9, 2]

The counter is 7782

The angle is reset to 0.03959699188159395

Energy injection at [9, 2]

The counter is 7784

The angle is reset to 0.02771789431711576

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 0.544402526021981

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 0.38108176821538664

Energy injection at [9, 3]

The counter is 7787

The angle is reset to 0.7917572377507706

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 0.5542300664255393

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 0.3879610464978775

Energy injection at [9, 4]

The counter is 7790

The angle is reset to 0.2715727325485142

Energy injection at [9, 4]

The counter is 7791

The angle is reset to 0.19010091278395994

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 0.13307063894877197

Energy injection at [9, 5]

The counter is 7793

The angle is reset to 0.09314944726414037

Energy injection at [9, 5]

The counter is 7794

The angle is reset to 0.06520461308489825

Energy injection at [9, 5]

The counter is 7796

The angle is reset to 0.045643229159428776

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 0.031950260411600144

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 0.5473651822881201

Energy injection at [9, 6]

The counter is 7799

The angle is reset to 0.38315562760168403

Energy injection at [9, 6]

The counter is 7800

The angle is reset to 0.2682089393211788

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

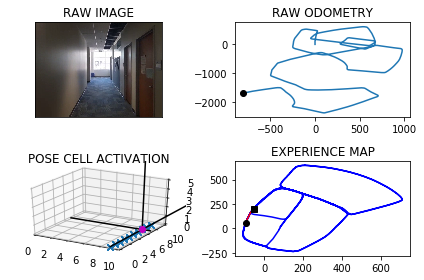
79.3199999332 seconds are elapsed per 100 frames.

The number of units of the VT is 2405

The number of units of the experience map is 2571

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



The counter is 7801

The angle is reset to 0.18774625752482513

Energy injection at [9, 7]

The counter is 7802

The angle is reset to 359.60642238026736

Energy injection at [9, 7]

The counter is 7803

The angle is reset to 359.19949566618715

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 8

loop closure

The counter is 7806

The angle is reset to 359.964646966331

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 0.5002528764316924

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 0.8751770135021846

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 1.137623909451529

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 0.7963367366160703

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 0.5574357156312492

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 359.86520500094184

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 359.90564350065927

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 7868

The angle is reset to 0.2132534190974036

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 9

current pc 9 0

loop closure

The counter is 7869

The angle is reset to 0.14927739336818252

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 0.10449417535772776

Energy injection at [9, 0]

The counter is 7871

The angle is reset to 359.54814592275045

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 359.1587021459253

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 359.4110915021477

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 359.58776405150337

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 359.7114348360523

Energy injection at [9, 0]

The counter is 7878

The angle is reset to 359.79800438523665

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 0.3836030696656425

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 0.7935221487659496

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 0.5554655041361648

Energy injection at [9, 1]

The counter is 7882

The angle is reset to 0.9138258528953154

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 0.6396780970267207

Energy injection at [9, 3]

The counter is 7884

The angle is reset to 0.9727746679187045

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 3

The counter is 7885

The angle is reset to 1.730942267543093

Energy injection at [9, 4]

The counter is 7886

The angle is reset to 2.7866595872801647

Energy injection at [9, 4]

The counter is 7887

The angle is reset to 4.050661711096115

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 4

current pc 9 4

The counter is 7888

The angle is reset to 5.460463197767279

Energy injection at [9, 4]

min\_delta\_val

1.0

e\_pc 9 4

current pc 9 5

The counter is 7889

The angle is reset to 8.022324238437095

Energy injection at [9, 4]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7890

The angle is reset to 9.815626966905967

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

The counter is 7892

The angle is reset to 16.320938876834173

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 7894

The angle is reset to 24.92465721378392

Energy injection at [9, 5]

min\_delta\_val

0.0

e\_pc 9 5

current pc 9 5

loop closure

The counter is 7895

The angle is reset to 30.94726004964874

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 32.01308203475411

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

The counter is 7897

The angle is reset to 30.134157424327885

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 9 6

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

The current number of the iteration is 7900

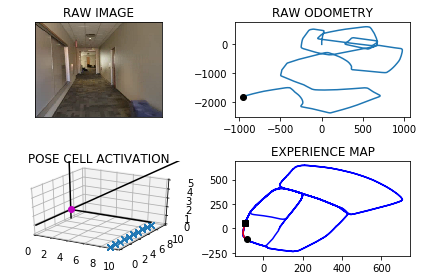
103.50999999 seconds are elapsed per 100 frames.

The number of units of the VT is 2430

The number of units of the experience map is 2599

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



The counter is 7902

The angle is reset to 42.993910197029514

Energy injection at [0, 7]

min\_delta\_val

0.0

e\_pc 0 7

current pc 0 7

loop closure

The counter is 7903

The angle is reset to 44.64573713792066

Energy injection at [0, 7]

The counter is 7923

The angle is reset to 43.17701599654447

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 7924

The angle is reset to 43.72391119758113

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 4 9

The counter is 7925

The angle is reset to 44.106737838306785

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7926

The angle is reset to 43.84971648681474

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 7927

The angle is reset to 44.19480154077033

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7928

The angle is reset to 44.43636107853923

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 7931

The angle is reset to 44.605452754977456

Energy injection at [3, 9]

min\_delta\_val

1.0

e\_pc 3 9

current pc 3 0

loop closure

The counter is 7935

The angle is reset to 44.72381692848422

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 7936

The angle is reset to 44.80667184993895

Energy injection at [4, 0]

min\_delta\_val

0.0

e\_pc 4 0

current pc 4 0

The counter is 7937

The angle is reset to 44.864670294957264

Energy injection at [4, 0]

The counter is 7938

The angle is reset to 44.90526920647009

Energy injection at [4, 0]

The counter is 7939

The angle is reset to 45.45868844452905

Energy injection at [4, 0]

The counter is 7945

The angle is reset to 44.79608191117033

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 7946

The angle is reset to 44.33225733781923

Energy injection at [5, 1]

The counter is 7947

The angle is reset to 44.53258013647346

Energy injection at [6, 2]

min\_delta\_val

1.0

e\_pc 6 2

current pc 5 2

The counter is 7948

The angle is reset to 44.67280609553142

Energy injection at [6, 2]

The counter is 7951

The angle is reset to 45.29596426687199

Energy injection at [6, 2]

min\_delta\_val

1.4142135623730951

e\_pc 6 2

current pc 7 3

loop closure

The counter is 7952

The angle is reset to 45.207174986810394

Energy injection at [6, 2]

min\_delta\_val

0.0

e\_pc 6 2

current pc 6 2

loop closure

The counter is 7953

The angle is reset to 45.145022490767275

Energy injection at [6, 2]

The counter is 7954

The angle is reset to 45.10151574353709

Energy injection at [6, 2]

hash collision

The counter is 7955

The angle is reset to 45.07106102047596

Energy injection at [6, 2]

hash collision

The counter is 7956

The angle is reset to 45.04974271433317

Energy injection at [6, 2]

hash collision

The counter is 7960

The angle is reset to 45.03481990003322

Energy injection at [8, 4]

The counter is 7961

The angle is reset to 45.02437393002326

Energy injection at [8, 4]

The counter is 7962

The angle is reset to 45.01706175101627

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

loop closure

The counter is 7963

The angle is reset to 45.01194322571139

Energy injection at [8, 4]

The counter is 7964

The angle is reset to 45.00836025799797

Energy injection at [8, 4]

The counter is 7965

The angle is reset to 45.00585218059857

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 9 5

current pc 8 5

The counter is 7966

The angle is reset to 45.004096526419

Energy injection at [9, 5]

min\_delta\_val

1.0

e\_pc 0 5

current pc 9 5

The counter is 7967

The angle is reset to 45.0028675684933

Energy injection at [9, 5]

The counter is 7968

The angle is reset to 45.002007297945305

Energy injection at [9, 5]

The counter is 7969

The angle is reset to 45.00140510856171

Energy injection at [0, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 0 6

loop closure

The counter is 7970

The angle is reset to 45.000983575993196

Energy injection at [0, 7]

The counter is 7971

The angle is reset to 45.000688503195235

Energy injection at [0, 7]

The counter is 7972

The angle is reset to 45.00048195223666

Energy injection at [1, 7]

min\_delta\_val

1.0

e\_pc 0 7

current pc 1 7

loop closure

The counter is 7973

The angle is reset to 45.52533736656566

Energy injection at [1, 7]

The counter is 7974

The angle is reset to 46.417736156595964

Energy injection at [1, 7]

The counter is 7975

The angle is reset to 47.042415309617176

Energy injection at [1, 7]

The counter is 7982

The angle is reset to 77.77969071673202

Energy injection at [1, 8]

min\_delta\_val

0.0

e\_pc 1 8

current pc 1 8

loop closure

The counter is 7983

The angle is reset to 86.6957835017124

Energy injection at [1, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 7984

The angle is reset to 92.41204845119869

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7985

The angle is reset to 96.41343391583906

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7986

The angle is reset to 99.21440374108734

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

The counter is 7987

The angle is reset to 101.17508261876112

Energy injection at [2, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 2 8

The counter is 7997

The angle is reset to 123.39755783313278

Energy injection at [4, 8]

min\_delta\_val

0.0

e\_pc 4 8

current pc 4 8

loop closure

The counter is 7998

The angle is reset to 126.87829048319293

Energy injection at [4, 8]

The counter is 8000

The angle is reset to 129.31480333823504

Energy injection at [4, 8]

min\_delta\_val

0.0

e\_pc 4 8

current pc 4 8

loop closure

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

The current number of the iteration is 8000

64.2290000916 seconds are elapsed per 100 frames.

The number of units of the VT is 2458

The number of units of the experience map is 2628

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



The counter is 8001

The angle is reset to 131.5453623367645

Energy injection at [4, 8]

The counter is 8004

The angle is reset to 133.10675363573515

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 4 8

loop closure

The counter is 8005

The angle is reset to 133.1497275450146

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 7

current pc 5 8

The counter is 8006

The angle is reset to 133.1798092815102

Energy injection at [5, 8]

The counter is 8007

The angle is reset to 133.72586649705713

Energy injection at [5, 7]

min\_delta\_val

1.0

e\_pc 5 7

current pc 6 7

The counter is 8008

The angle is reset to 134.10810654794

Energy injection at [5, 7]

The counter is 8009

The angle is reset to 134.37567458355798

Energy injection at [5, 7]

The counter is 8010

The angle is reset to 134.56297220849058

Energy injection at [6, 6]

min\_delta\_val

1.4142135623730951

e\_pc 6 6

current pc 5 7

The counter is 8011

The angle is reset to 134.6940805459434

Energy injection at [6, 6]

The counter is 8012

The angle is reset to 134.78585638216038

Energy injection at [7, 6]

min\_delta\_val

1.0

e\_pc 7 6

current pc 7 5

The counter is 8013

The angle is reset to 134.85009946751225

Energy injection at [7, 6]

min\_delta\_val

0.0

e\_pc 7 6

current pc 7 6

The counter is 8014

The angle is reset to 134.89506962725855

Energy injection at [7, 6]

The counter is 8015

The angle is reset to 134.92654873908097

Energy injection at [7, 6]

min\_delta\_val

1.4142135623730951

e\_pc 8 5

current pc 7 6

The counter is 8016

The angle is reset to 134.94858411735666

Energy injection at [7, 6]

The counter is 8017

The angle is reset to 134.96400888214967

Energy injection at [8, 5]

min\_delta\_val

1.4142135623730951

e\_pc 8 5

current pc 7 6

The counter is 8018

The angle is reset to 134.97480621750475

Energy injection at [8, 5]

The counter is 8022

The angle is reset to 134.9823643522533

Energy injection at [8, 4]

min\_delta\_val

2.23606797749979

e\_pc 0 3

current pc 8 4

new experience map with case 2

The counter is 8027

The angle is reset to 136.03765504657733

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 8028

The angle is reset to 135.7263585326041

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 0 2

current pc 0 3

The counter is 8029

The angle is reset to 135.50845097282286

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 8030

The angle is reset to 135.35591568097598

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 8031

The angle is reset to 135.2491409766832

Energy injection at [0, 2]

min\_delta\_val

1.4142135623730951

e\_pc 0 2

current pc 1 1

The counter is 8033

The angle is reset to 135.17439868367822

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 8034

The angle is reset to 135.12207907857473

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

The counter is 8049

The angle is reset to 135.08545535500232

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

loop closure

The counter is 8050

The angle is reset to 135.0598187485016

Energy injection at [3, 9]

min\_delta\_val

0.0

e\_pc 3 9

current pc 3 9

The counter is 8057

The angle is reset to 135.0418731239511

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8063

The angle is reset to 136.07931118676575

Energy injection at [6, 6]

The counter is 8068

The angle is reset to 135.75551783073604

Energy injection at [7, 6]

min\_delta\_val

0.0

e\_pc 7 6

current pc 7 6

loop closure

The counter is 8069

The angle is reset to 135.52886248151523

Energy injection at [7, 6]

min\_delta\_val

0.0

e\_pc 7 6

current pc 7 6

The counter is 8070

The angle is reset to 135.37020373706062

Energy injection at [7, 6]

min\_delta\_val

1.4142135623730951

e\_pc 8 5

current pc 7 6

The counter is 8073

The angle is reset to 135.25914261594244

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 8 4

current pc 8 4

loop closure

The counter is 8074

The angle is reset to 135.1813998311597

Energy injection at [8, 4]

The counter is 8075

The angle is reset to 135.12697988181176

Energy injection at [8, 4]

The counter is 8076

The angle is reset to 135.08888591726821

Energy injection at [8, 4]

min\_delta\_val

1.4142135623730951

e\_pc 8 4

current pc 9 3

The counter is 8079

The angle is reset to 135.06222014208774

Energy injection at [8, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 8 4

loop closure

The counter is 8080

The angle is reset to 135.0435540994614

Energy injection at [0, 4]

min\_delta\_val

1.0

e\_pc 0 4

current pc 9 4

loop closure

The counter is 8081

The angle is reset to 135.030487869623

Energy injection at [0, 4]

The counter is 8082

The angle is reset to 135.02134150873607

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

The counter is 8084

The angle is reset to 135.01493905611522

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

loop closure

The counter is 8085

The angle is reset to 135.01045733928066

Energy injection at [0, 4]

min\_delta\_val

0.0

e\_pc 0 4

current pc 0 4

The counter is 8090

The angle is reset to 133.95732013749645

Energy injection at [0, 3]

The counter is 8091

The angle is reset to 134.2701240962475

Energy injection at [0, 3]

The counter is 8092

The angle is reset to 134.48908686737326

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

loop closure

The counter is 8093

The angle is reset to 135.16736080716126

Energy injection at [0, 2]

The counter is 8094

The angle is reset to 135.11715256501287

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 8095

The angle is reset to 135.607006795509

Energy injection at [0, 2]

The counter is 8096

The angle is reset to 135.42490475685628

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 8097

The angle is reset to 135.2974333297994

Energy injection at [0, 2]

min\_delta\_val

0.0

e\_pc 0 2

current pc 0 2

The counter is 8098

The angle is reset to 135.20820333085956

Energy injection at [0, 2]

The counter is 8099

The angle is reset to 135.1457423316017

Energy injection at [0, 2]

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The current number of the iteration is 8100

70.1890001297 seconds are elapsed per 100 frames.

The number of units of the VT is 2491

The number of units of the experience map is 2664

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The counter is 8104

The angle is reset to 134.57701963212116

Energy injection at [1, 1]

min\_delta\_val

0.0

e\_pc 1 1

current pc 1 1

loop closure

The counter is 8106

The angle is reset to 135.75391374248483

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 1

current pc 1 1

loop closure

The counter is 8107

The angle is reset to 135.52773961973935

Energy injection at [2, 1]

min\_delta\_val

0.0

e\_pc 2 1

current pc 2 1

The counter is 8108

The angle is reset to 135.36941773381753

Energy injection at [2, 1]

The counter is 8109

The angle is reset to 135.2585924136723

Energy injection at [2, 1]

min\_delta\_val

1.0

e\_pc 2 0

current pc 2 1

The counter is 8110

The angle is reset to 135.18101468957056

Energy injection at [2, 1]

The counter is 8111

The angle is reset to 134.60171028269937

Energy injection at [2, 0]

min\_delta\_val

1.0

e\_pc 2 0

current pc 3 0

The counter is 8112

The angle is reset to 134.72119719788955

Energy injection at [2, 0]

min\_delta\_val

1.4142135623730951

e\_pc 3 9

current pc 2 0

The counter is 8113

The angle is reset to 134.8048380385227

Energy injection at [2, 0]

The counter is 8114

The angle is reset to 134.86338662696585

Energy injection at [2, 0]

The counter is 8124

The angle is reset to 149.4543706388761

Energy injection at [5, 3]

The counter is 8125

The angle is reset to 158.61805944721326

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8126

The angle is reset to 165.03264161304926

Energy injection at [5, 2]

The counter is 8127

The angle is reset to 169.52284912913447

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 8128

The angle is reset to 173.19099439039414

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 8129

The angle is reset to 175.23369607327587

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

loop closure

The counter is 8130

The angle is reset to 176.6635872512931

Energy injection at [5, 1]

min\_delta\_val

0.0

e\_pc 5 1

current pc 5 1

The counter is 8131

The angle is reset to 177.66451107590518

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 8132

The angle is reset to 178.3651577531336

Energy injection at [5, 0]

The counter is 8133

The angle is reset to 178.85561042719354

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 179.72392729903547

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 179.80674910932484

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 179.86472437652736

Energy injection at [5, 8]

The counter is 8144

The angle is reset to 179.38030706356918

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 179.04121494449842

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 179.32885046114887

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 179.53019532280422

Energy injection at [5, 6]

The counter is 8150

The angle is reset to 179.67113672596292

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 179.76979570817406

Energy injection at [5, 6]

The counter is 8152

The angle is reset to 179.8388569957218

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 179.88719989700527

Energy injection at [5, 5]

The counter is 8154

The angle is reset to 179.9210399279037

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 179.94472794953256

Energy injection at [5, 5]

The counter is 8156

The angle is reset to 179.9613095646728

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 178.92291669527094

Energy injection at [5, 9]

The counter is 8172

The angle is reset to 179.24604168668964

Energy injection at [5, 9]

The counter is 8174

The angle is reset to 179.99722918068275

Energy injection at [5, 7]

The counter is 8175

The angle is reset to 179.99806042647793

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 180.52364229853455

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 180.36654960897417

Energy injection at [5, 7]

The counter is 8178

The angle is reset to 180.25658472628191

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 179.12960930839733

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 180.4407265158781

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 180.83350856111468

Energy injection at [5, 4]

min\_delta\_val

1.0

e\_pc 5 4

current pc 5 3

loop closure

The counter is 8190

The angle is reset to 180.05845599278027

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 180.04091919494618

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 180.02864343646235

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 180.02005040552362

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 180.0140352838665

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 180.00982469870655

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 180.00687728909458

Energy injection at [5, 9]

The counter is 8198

The angle is reset to 180.00481410236623

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 180.00336987165633

Energy injection at [5, 8]

The counter is 8200

The angle is reset to 180.00235891015942

Energy injection at [5, 8]

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The current number of the iteration is 8200

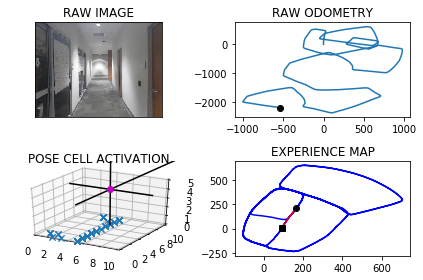
75.0899999142 seconds are elapsed per 100 frames.

The number of units of the VT is 2523

The number of units of the experience map is 2700

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The counter is 8201

The angle is reset to 180.00165123711156

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 179.4761558659781

Energy injection at [5, 7]

The counter is 8203

The angle is reset to 179.63330910618467

Energy injection at [5, 7]

The counter is 8206

The angle is reset to 179.74331637432923

Energy injection at [5, 6]

hash collision

The counter is 8207

The angle is reset to 179.82032146203045

Energy injection at [5, 6]

hash collision

The counter is 8208

The angle is reset to 179.8742250234213

Energy injection at [5, 6]

The counter is 8209

The angle is reset to 179.91195751639492

Energy injection at [5, 5]

hash collision

The counter is 8210

The angle is reset to 179.93837026147642

Energy injection at [5, 5]

hash collision

The counter is 8212

The angle is reset to 179.9568591830335

Energy injection at [5, 4]

hash collision

The counter is 8213

The angle is reset to 179.96980142812342

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 179.45386099968638

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 179.61770269978044

Energy injection at [5, 2]

The counter is 8217

The angle is reset to 179.7323918898463

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 179.8126743228924

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 179.86887202602466

Energy injection at [5, 2]

The counter is 8220

The angle is reset to 179.90821041821727

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 179.93574729275207

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 179.95502310492643

Energy injection at [5, 1]

The counter is 8223

The angle is reset to 179.9685161734485

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 179.97796132141394

Energy injection at [5, 1]

The counter is 8225

The angle is reset to 179.45957292498977

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 179.62170104749282

Energy injection at [5, 0]

The counter is 8227

The angle is reset to 179.73519073324496

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 179.28963351327144

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 179.50274345929

Energy injection at [5, 0]

The counter is 8230

The angle is reset to 179.65192042150298

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 180.2813442950521

Energy injection at [5, 0]

hash collision

The counter is 8232

The angle is reset to 180.72194100653647

Energy injection at [5, 0]

hash collision

The counter is 8233

The angle is reset to 180.50535870457554

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 180.35375109320287

Energy injection at [5, 8]

The counter is 8235

The angle is reset to 180.24762576524196

Energy injection at [5, 8]

The counter is 8236

The angle is reset to 179.64833803566938

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 179.22883662496858

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 179.460185637478

Energy injection at [5, 8]

The counter is 8239

The angle is reset to 180.1471299462346

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 180.1029909623642

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 180.5970936736549

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 180.94296557155846

Energy injection at [5, 7]

hash collision

The counter is 8243

The angle is reset to 180.6600759000909

Energy injection at [5, 7]

hash collision

The counter is 8244

The angle is reset to 180.46205313006362

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 180.32343719104455

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 180.22640603373114

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 180.1584842236118

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 180.11093895652826

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 180.07765726956976

Energy injection at [5, 5]

The counter is 8250

The angle is reset to 180.05436008869884

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 180.03805206208918

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 180.5516364434624

Energy injection at [5, 4]

The counter is 8253

The angle is reset to 181.43614551042367

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 181.53030185729656

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 181.5962113001076

Energy injection at [5, 4]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 8256

The angle is reset to 181.1173479100753

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 180.78214353705272

Energy injection at [5, 5]

The counter is 8258

The angle is reset to 180.02250047593688

Energy injection at [5, 5]

min\_delta\_val

0.0

e\_pc 5 4

current pc 5 4

The counter is 8259

The angle is reset to 179.49075033315583

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 179.6435252332091

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 179.75046766324635

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

loop closure

The counter is 8269

The angle is reset to 179.97944993907925

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

loop closure

The counter is 8270

The angle is reset to 179.4606149573555

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 179.09743047014882

Energy injection at [5, 3]

The counter is 8272

The angle is reset to 179.36820132910415

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8273

The angle is reset to 179.03274093037288

Energy injection at [5, 2]

The counter is 8274

The angle is reset to 179.322918651261

Energy injection at [5, 3]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

loop closure

The counter is 8277

The angle is reset to 180.57604305588274

Energy injection at [5, 2]

The counter is 8278

The angle is reset to 180.9282301391179

Energy injection at [5, 2]

The counter is 8279

The angle is reset to 180.6497610973825

Energy injection at [5, 2]

The counter is 8280

The angle is reset to 180.97983276816777

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8281

The angle is reset to 180.68588293771742

Energy injection at [5, 2]

The counter is 8282

The angle is reset to 180.48011805640218

Energy injection at [5, 2]

The counter is 8283

The angle is reset to 180.33608263948153

Energy injection at [5, 2]

The counter is 8284

The angle is reset to 180.23525784763703

Energy injection at [5, 2]

The counter is 8285

The angle is reset to 179.6396804933459

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 179.74777634534215

Energy injection at [5, 1]

The counter is 8287

The angle is reset to 180.34844344173948

Energy injection at [5, 1]

The counter is 8288

The angle is reset to 180.76891040921765

Energy injection at [5, 0]

min\_delta\_val

1.0

e\_pc 5 0

current pc 5 1

The counter is 8289

The angle is reset to 181.06323728645233

Energy injection at [5, 0]

The counter is 8290

The angle is reset to 180.74426610051663

Energy injection at [5, 0]

The counter is 8291

The angle is reset to 180.52098627036165

Energy injection at [5, 0]

The counter is 8292

The angle is reset to 180.3646903892531

Energy injection at [5, 0]

The counter is 8293

The angle is reset to 180.25528327247716

Energy injection at [5, 0]

The counter is 8294

The angle is reset to 180.17869829073405

Energy injection at [5, 0]

The counter is 8295

The angle is reset to 180.65008880351382

Energy injection at [5, 0]

The counter is 8296

The angle is reset to 180.45506216245968

Energy injection at [5, 0]

The counter is 8297

The angle is reset to 179.79354351372174

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 179.85548045960522

Energy injection at [5, 9]

The counter is 8299

The angle is reset to 181.47383632172364

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8300

The angle is reset to 181.55668542520652

Energy injection at [5, 9]

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The current number of the iteration is 8300

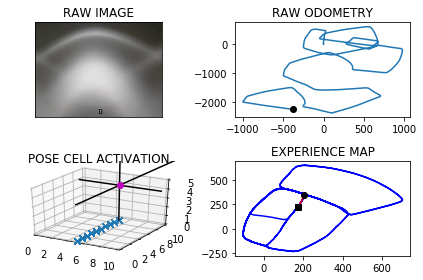
116.96999979 seconds are elapsed per 100 frames.

The number of units of the VT is 2528

The number of units of the experience map is 2708

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The counter is 8301

The angle is reset to 181.61467979764458

Energy injection at [5, 9]

The counter is 8302

The angle is reset to 181.1302758583512

Energy injection at [5, 9]

The counter is 8303

The angle is reset to 181.31619310084582

Energy injection at [5, 9]

The counter is 8304

The angle is reset to 181.44633517059208

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 9

current pc 5 8

The counter is 8305

The angle is reset to 181.01243461941445

Energy injection at [5, 9]

The counter is 8306

The angle is reset to 180.7087042335901

Energy injection at [5, 9]

The counter is 8307

The angle is reset to 180.49609296351306

Energy injection at [5, 9]

The counter is 8308

The angle is reset to 182.44726507445912

Energy injection at [5, 9]

The counter is 8309

The angle is reset to 184.33808555212138

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 8310

The angle is reset to 187.23665988648497

Energy injection at [5, 9]

The counter is 8314

The angle is reset to 217.99066192053948

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 224.29346334437764

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8316

The angle is reset to 228.70542434106434

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

The counter is 8317

The angle is reset to 230.74379703874504

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

The counter is 8318

The angle is reset to 231.12065792712153

Energy injection at [5, 7]

min\_delta\_val

0.0

e\_pc 5 7

current pc 5 7

loop closure

The counter is 8319

The angle is reset to 230.85946054898506

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

loop closure

The counter is 8320

The angle is reset to 231.20162238428955

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8321

The angle is reset to 230.39113566900267

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8322

The angle is reset to 229.82379496830185

Energy injection at [5, 8]

The counter is 8324

The angle is reset to 229.42665647781126

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8325

The angle is reset to 228.62365953446786

Energy injection at [4, 7]

hash collision

The counter is 8326

The angle is reset to 228.58656167412747

Energy injection at [4, 7]

hash collision

The counter is 8327

The angle is reset to 227.51059317188924

Energy injection at [4, 7]

hash collision

The counter is 8328

The angle is reset to 227.28241522032246

Energy injection at [4, 7]

hash collision

The counter is 8329

The angle is reset to 226.59769065422574

Energy injection at [4, 7]

hash collision

The counter is 8330

The angle is reset to 226.11838345795798

Energy injection at [4, 7]

hash collision

The counter is 8331

The angle is reset to 225.78286842057057

Energy injection at [4, 7]

hash collision

The counter is 8332

The angle is reset to 225.0230078943994

Energy injection at [4, 7]

The counter is 8333

The angle is reset to 225.0161055260796

Energy injection at [4, 7]

min\_delta\_val

1.4142135623730951

e\_pc 4 7

current pc 3 6

loop closure

The counter is 8334

The angle is reset to 225.0112738682557

Energy injection at [4, 7]

The counter is 8335

The angle is reset to 225.007891707779

Energy injection at [4, 7]

The counter is 8338

The angle is reset to 225.00552419544528

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

loop closure

The counter is 8339

The angle is reset to 225.00386693681168

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 8340

The angle is reset to 225.0027068557682

Energy injection at [3, 6]

The counter is 8341

The angle is reset to 225.0018947990377

Energy injection at [3, 6]

The counter is 8342

The angle is reset to 225.00132635932638

Energy injection at [3, 6]

min\_delta\_val

1.4142135623730951

e\_pc 3 6

current pc 2 5

The counter is 8343

The angle is reset to 224.47592845152846

Energy injection at [3, 6]

The counter is 8344

The angle is reset to 224.63314991606993

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 8345

The angle is reset to 224.74320494124893

Energy injection at [3, 6]

The counter is 8346

The angle is reset to 224.82024345887427

Energy injection at [3, 6]

The counter is 8347

The angle is reset to 224.87417042121194

Energy injection at [3, 6]

hash collision

The counter is 8348

The angle is reset to 224.91191929484836

Energy injection at [3, 6]

hash collision

The counter is 8349

The angle is reset to 225.46334350639387

Energy injection at [3, 6]

hash collision

The counter is 8350

The angle is reset to 225.8493404544757

Energy injection at [3, 6]

hash collision

The counter is 8351

The angle is reset to 225.59453831813298

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 2 5

current pc 2 6

loop closure

The counter is 8352

The angle is reset to 225.4161768226931

Energy injection at [3, 6]

The counter is 8353

The angle is reset to 224.76632377588516

Energy injection at [3, 6]

The counter is 8354

The angle is reset to 224.8364266431196

Energy injection at [3, 6]

min\_delta\_val

1.0

e\_pc 3 5

current pc 3 6

loop closure

The counter is 8355

The angle is reset to 224.8854986501837

Energy injection at [3, 6]

The counter is 8356

The angle is reset to 224.91984905512862

Energy injection at [3, 6]

The counter is 8357

The angle is reset to 224.94389433858998

Energy injection at [2, 5]

The counter is 8358

The angle is reset to 224.960726037013

Energy injection at [2, 5]

The counter is 8359

The angle is reset to 224.9725082259091

Energy injection at [2, 4]

min\_delta\_val

0.0

e\_pc 2 4

current pc 2 4

loop closure

The counter is 8360

The angle is reset to 224.98075575813635

Energy injection at [2, 4]

The counter is 8361

The angle is reset to 224.98652903069546

Energy injection at [1, 4]

The counter is 8362

The angle is reset to 225.51557032148682

Energy injection at [1, 4]

The counter is 8363

The angle is reset to 225.36089922504075

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 225.2526294575285

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 225.17684062026996

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

The counter is 8366

The angle is reset to 224.59878843418898

Energy injection at [1, 4]

min\_delta\_val

0.0

e\_pc 1 4

current pc 1 4

loop closure

The counter is 8367

The angle is reset to 224.71915190393224

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 8368

The angle is reset to 224.8034063327526

Energy injection at [0, 3]

min\_delta\_val

1.4142135623730951

e\_pc 0 3

current pc 9 2

The counter is 8369

The angle is reset to 224.86238443292677

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

The counter is 8370

The angle is reset to 225.42866910304878

Energy injection at [0, 3]

hash collision

The counter is 8371

The angle is reset to 225.30006837213415

Energy injection at [0, 3]

hash collision

The counter is 8372

The angle is reset to 225.7350478604939

Energy injection at [9, 2]

The counter is 8373

The angle is reset to 226.0395335023457

Energy injection at [9, 2]

The counter is 8374

The angle is reset to 226.25267345164198

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 9 2

current pc 9 2

loop closure

The counter is 8375

The angle is reset to 226.40187141614936

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 8376

The angle is reset to 225.98130999130456

Energy injection at [9, 1]

The counter is 8377

The angle is reset to 225.68691699391314

Energy injection at [8, 1]

hash collision

The counter is 8378

The angle is reset to 225.48084189573922

Energy injection at [8, 1]

hash collision

The counter is 8379

The angle is reset to 225.3365893270174

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 225.23561252891218

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 8 0

The counter is 8381

The angle is reset to 225.1649287702385

Energy injection at [8, 1]

The counter is 8382

The angle is reset to 225.115450139167

Energy injection at [9, 3]

The counter is 8383

The angle is reset to 225.08081509741686

Energy injection at [8, 1]

The counter is 8384

The angle is reset to 225.0565705681918

Energy injection at [8, 1]

min\_delta\_val

1.0

e\_pc 8 1

current pc 7 1

loop closure

The counter is 8385

The angle is reset to 225.03959939773424

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 225.02771957841398

Energy injection at [7, 0]

min\_delta\_val

1.0

e\_pc 6 9

current pc 6 0

loop closure

The counter is 8387

The angle is reset to 225.01940370488975

Energy injection at [7, 0]

The counter is 8388

The angle is reset to 225.01358259342285

Energy injection at [7, 0]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 7 0

loop closure

The counter is 8389

The angle is reset to 225.009507815396

Energy injection at [6, 9]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 5 8

The counter is 8390

The angle is reset to 225.53165547077717

Energy injection at [7, 0]

min\_delta\_val

1.4142135623730951

e\_pc 6 9

current pc 7 0

loop closure

The counter is 8391

The angle is reset to 225.897158829544

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

The counter is 8392

The angle is reset to 226.6780111806808

Energy injection at [6, 9]

The counter is 8393

The angle is reset to 231.42460782647652

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 8394

The angle is reset to 230.5472254785336

Energy injection at [6, 9]

The counter is 8395

The angle is reset to 229.40805783497353

Energy injection at [5, 8]

hash collision

The counter is 8396

The angle is reset to 230.71064048448144

Energy injection at [5, 8]

The counter is 8397

The angle is reset to 230.04744833913702

Energy injection at [5, 8]

The counter is 8398

The angle is reset to 229.5832138373959

Energy injection at [5, 8]

The counter is 8399

The angle is reset to 229.78324968617707

Energy injection at [5, 8]

The counter is 8400

The angle is reset to 230.973274780324

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

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

The current number of the iteration is 8400

117.38499999 seconds are elapsed per 100 frames.

The number of units of the VT is 2533

The number of units of the experience map is 2720

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The counter is 8401

The angle is reset to 232.8562923462268

Energy injection at [4, 7]

over

over

over

The counter is 8408

The angle is reset to 274.97440464235876

Energy injection at [3, 8]

min\_delta\_val

1.0

e\_pc 3 8

current pc 2 8

loop closure

The counter is 8409

The angle is reset to 277.68208324965104

Energy injection at [2, 8]

min\_delta\_val

0.0

e\_pc 2 8

current pc 2 8

loop closure

The counter is 8420

The angle is reset to 297.27745827475576

Energy injection at [0, 0]

The counter is 8423

The angle is reset to 303.11922079232903

Energy injection at [0, 0]

min\_delta\_val

0.0

e\_pc 0 0

current pc 0 0

loop closure

The counter is 8424

The angle is reset to 307.2084545546303

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 8425

The angle is reset to 309.5459181882412

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

The counter is 8426

The angle is reset to 311.18214273176886

Energy injection at [9, 1]

The counter is 8431

The angle is reset to 312.3274999122381

Energy injection at [8, 6]

The counter is 8432

The angle is reset to 313.1292499385667

Energy injection at [8, 6]

The counter is 8433

The angle is reset to 313.69047495699664

Energy injection at [8, 6]

min\_delta\_val

1.4142135623730951

e\_pc 8 6

current pc 7 7

loop closure

The counter is 8434

The angle is reset to 314.08333246989764

Energy injection at [8, 6]

The counter is 8435

The angle is reset to 314.88333272892834

Energy injection at [8, 6]

The counter is 8436

The angle is reset to 314.9183329102498

Energy injection at [7, 8]

counter 8436

multiple peak # >2

[7L, 7L, 8L] [7L, 8L, 7L]

min\_delta\_val

1.0

e\_pc 7 8

current pc 7 7

counter 8437

multiple peak # >2

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

The counter is 8438

The angle is reset to 314.41783303717483

Energy injection at [7, 8]

min\_delta\_val

0.0

e\_pc 7 8

current pc 7 8

loop closure

The counter is 8443

The angle is reset to 313.5424831260223

Energy injection at [6, 9]

min\_delta\_val

0.0

e\_pc 6 9

current pc 6 9

loop closure

The counter is 8444

The angle is reset to 313.9797381882156

Energy injection at [6, 8]

min\_delta\_val

0.0

e\_pc 6 8

current pc 6 8

The counter is 8445

The angle is reset to 314.2858167317509

Energy injection at [6, 8]

The counter is 8446

The angle is reset to 314.50007171222563

Energy injection at [6, 8]

The counter is 8447

The angle is reset to 314.6500501985579

Energy injection at [5, 9]

hash collision

The counter is 8448

The angle is reset to 314.75503513899054

Energy injection at [5, 9]

The counter is 8449

The angle is reset to 314.3035245972934

Energy injection at [5, 9]

min\_delta\_val

1.4142135623730951

e\_pc 5 9

current pc 4 0

loop closure

The counter is 8450

The angle is reset to 314.51246721810537

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 8451

The angle is reset to 314.6587270526737

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 8452

The angle is reset to 314.76110893687155

Energy injection at [5, 0]

The counter is 8453

The angle is reset to 314.83277625581013

Energy injection at [5, 0]

The counter is 8454

The angle is reset to 314.88294337906706

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

The counter is 8455

The angle is reset to 314.9180603653469

Energy injection at [5, 0]

The counter is 8456

The angle is reset to 314.94264225574284

Energy injection at [5, 0]

The counter is 8457

The angle is reset to 314.95984957902

Energy injection at [5, 0]

The counter is 8458

The angle is reset to 314.97189470531396

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

The counter is 8459

The angle is reset to 314.98032629371977

Energy injection at [5, 0]

min\_delta\_val

1.4142135623730951

e\_pc 5 0

current pc 4 1

loop closure

The counter is 8460

The angle is reset to 314.9862284056038

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

The counter is 8461

The angle is reset to 314.9903598839227

Energy injection at [4, 1]

min\_delta\_val

0.0

e\_pc 4 1

current pc 4 1

The counter is 8462

The angle is reset to 314.99325191874584

Energy injection at [4, 1]

The counter is 8463

The angle is reset to 314.9952763431221

Energy injection at [4, 1]

The counter is 8464

The angle is reset to 314.9966934401855

Energy injection at [3, 1]

min\_delta\_val

1.0

e\_pc 3 1

current pc 3 2

The counter is 8465

The angle is reset to 314.9976854081298

Energy injection at [3, 1]

The counter is 8466

The angle is reset to 314.9983797856909

Energy injection at [3, 1]

The counter is 8467

The angle is reset to 314.9988658499836

Energy injection at [3, 1]

min\_delta\_val

0.0

e\_pc 3 1

current pc 3 1

The counter is 8468

The angle is reset to 314.9992060949885

Energy injection at [3, 1]

The counter is 8469

The angle is reset to 314.9994442664919

Energy injection at [3, 1]

The counter is 8470

The angle is reset to 314.9996109865443

Energy injection at [3, 2]

min\_delta\_val

1.0

e\_pc 3 2

current pc 3 1

The counter is 8471

The angle is reset to 314.99972769058104

Energy injection at [3, 2]

The counter is 8472

The angle is reset to 314.9998093834067

Energy injection at [3, 2]

min\_delta\_val

1.4142135623730951

e\_pc 3 2

current pc 2 3

The counter is 8473

The angle is reset to 314.4748665683847

Energy injection at [3, 2]

min\_delta\_val

1.4142135623730951

e\_pc 3 2

current pc 2 3

The counter is 8474

The angle is reset to 314.1074065978693

Energy injection at [3, 2]

The counter is 8475

The angle is reset to 314.3751846185085

Energy injection at [2, 3]

hash collision

The counter is 8476

The angle is reset to 314.5626292329559

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 8477

The angle is reset to 314.69384046306914

Energy injection at [2, 3]

The counter is 8478

The angle is reset to 314.78568832414834

Energy injection at [2, 3]

The counter is 8479

The angle is reset to 328.8749818269038

Energy injection at [9, 6]

min\_delta\_val

2.8284271247461903

e\_pc 9 6

current pc 1 4

new experience map with case 2

The counter is 8480

The angle is reset to 338.7374872788327

Energy injection at [9, 6]

counter 8480

multiple peak # >2

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

The counter is 8481

The angle is reset to 345.64124109518286

Energy injection at [9, 6]

hash collision

The counter is 8482

The angle is reset to 349.948868766628

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 8483

The angle is reset to 352.9642081366395

Energy injection at [9, 6]

hash collision

The counter is 8484

The angle is reset to 355.0749456956476

Energy injection at [9, 6]

hash collision

The counter is 8485

The angle is reset to 356.55246198695335

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 6

current pc 9 7

loop closure

The counter is 8486

The angle is reset to 357.0617233908673

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 357.9432063736071

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 8488

The angle is reset to 358.56024446152503

Energy injection at [9, 6]

The counter is 8489

The angle is reset to 358.9921711230675

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

The counter is 8490

The angle is reset to 359.29451978614725

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 0.031163850303072158

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 0.5468146952121504

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 0.38277028664850526

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 0.26793920065395366

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 0.18755744045776754

Energy injection at [9, 8]

hash collision

The counter is 8496

The angle is reset to 0.13129020832043728

Energy injection at [9, 8]

hash collision

The counter is 8497

The angle is reset to 359.5669031458243

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 359.696832202077

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 359.7877825414539

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 9

loop closure

The counter is 8500

The angle is reset to 359.8514477790177

Energy injection at [9, 9]

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

The current number of the iteration is 8500

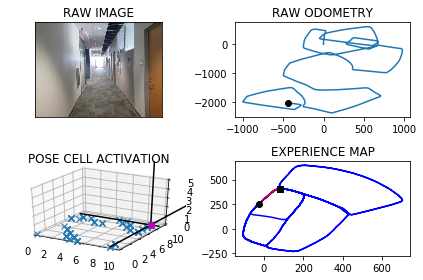
100.289999962 seconds are elapsed per 100 frames.

The number of units of the VT is 2552

The number of units of the experience map is 2744

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The counter is 8501

The angle is reset to 359.89601344531235

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

The counter is 8502

The angle is reset to 359.92720941171865

Energy injection at [9, 0]

The counter is 8503

The angle is reset to 359.94904658820303

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 359.96433261174207

Energy injection at [9, 0]

The counter is 8505

The angle is reset to 359.9750328282194

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 0

loop closure

The counter is 8508

The angle is reset to 358.9325229797536

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 359.2527660858275

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 359.47693626007924

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 359.6338553820554

Energy injection at [9, 1]

The counter is 8512

The angle is reset to 359.7436987674388

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 359.8205891372071

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 359.874412396045

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 359.91208867723145

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 359.938462074062

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 359.9569234518434

Energy injection at [9, 2]

The counter is 8518

The angle is reset to 359.9698464162904

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 359.4538924914032

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 9 3

current pc 9 2

loop closure

The counter is 8523

The angle is reset to 359.61772474398225

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 8524

The angle is reset to 359.73240732078756

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 359.8126851245513

Energy injection at [9, 4]

The counter is 8526

The angle is reset to 359.86887958718586

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 0.433215711030127

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 0.3032509977210889

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 0.21227569840476218

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 0.14859298888333353

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 0.10401509221833345

Energy injection at [9, 5]

The counter is 8533

The angle is reset to 0.07281056455283343

Energy injection at [9, 6]

min\_delta\_val

0.0

e\_pc 9 6

current pc 9 6

loop closure

The counter is 8534

The angle is reset to 0.050967395186983386

Energy injection at [9, 6]

The counter is 8537

The angle is reset to 1.0856771766308881

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

loop closure

The counter is 8538

The angle is reset to 1.2849740236416216

Energy injection at [9, 6]

min\_delta\_val

1.0

e\_pc 9 7

current pc 9 6

The counter is 8539

The angle is reset to 0.899481816549135

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 0.6296372715843944

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 359.91574609010905

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 8545

The angle is reset to 359.4160222630763

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 0.11621558415343387

Energy injection at [9, 7]

min\_delta\_val

0.0

e\_pc 9 7

current pc 9 7

loop closure

The counter is 8548

The angle is reset to 0.6063509089074036

Energy injection at [9, 9]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 8

loop closure

The counter is 8549

The angle is reset to 0.9494456362351826

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 1

current pc 9 9

loop closure

The counter is 8550

The angle is reset to 1.1896119453646277

Energy injection at [9, 0]

The counter is 8551

The angle is reset to 0.8327283617552393

Energy injection at [9, 0]

The counter is 8552

The angle is reset to 0.5829098532286675

Energy injection at [9, 0]

min\_delta\_val

0.0

e\_pc 9 0

current pc 9 0

loop closure

The counter is 8556

The angle is reset to 359.88303689726

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

loop closure

The counter is 8557

The angle is reset to 359.91812582808194

Energy injection at [9, 0]

min\_delta\_val

1.0

e\_pc 9 0

current pc 9 1

loop closure

The counter is 8558

The angle is reset to 359.9426880796574

Energy injection at [9, 0]

The counter is 8559

The angle is reset to 0.48488165576016196

Energy injection at [9, 0]

The counter is 8560

The angle is reset to 0.8644171590321134

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 1.6550920113224792

Energy injection at [9, 1]

The counter is 8565

The angle is reset to 5.883564407925735

Energy injection at [9, 1]

min\_delta\_val

0.0

e\_pc 9 1

current pc 9 1

loop closure

The counter is 8566

The angle is reset to 6.218495085548015

Energy injection at [9, 1]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 1

The counter is 8567

The angle is reset to 6.97794655988361

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 7.509562591918526

Energy injection at [9, 2]

The counter is 8569

The angle is reset to 8.931693814342967

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

The counter is 8570

The angle is reset to 23.952185670040077

Energy injection at [9, 2]

min\_delta\_val

1.0

e\_pc 9 2

current pc 9 3

The counter is 8577

The angle is reset to 74.74152996902806

Energy injection at [0, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

loop closure

The counter is 8578

The angle is reset to 81.94407097831964

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 0 3

The counter is 8579

The angle is reset to 86.98584968482376

Energy injection at [1, 3]

min\_delta\_val

1.0

e\_pc 1 3

current pc 2 3

loop closure

The counter is 8580

The angle is reset to 89.46509477937661

Energy injection at [1, 3]

The counter is 8581

The angle is reset to 90.67556634556362

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

The counter is 8582

The angle is reset to 90.99789644189454

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

The counter is 8584

The angle is reset to 91.74852750932618

Energy injection at [2, 3]

min\_delta\_val

0.0

e\_pc 2 3

current pc 2 3

loop closure

The counter is 8585

The angle is reset to 91.22396925652832

Energy injection at [2, 3]

The counter is 8586

The angle is reset to 90.85677847956981

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 3 3

The counter is 8589

The angle is reset to 92.69974493569886

Energy injection at [3, 3]

The counter is 8590

The angle is reset to 92.41482145498921

Energy injection at [3, 3]

min\_delta\_val

0.0

e\_pc 3 3

current pc 3 3

loop closure

The counter is 8591

The angle is reset to 92.21537501849244

Energy injection at [3, 3]

hash collision

The counter is 8592

The angle is reset to 92.07576251294469

Energy injection at [3, 3]

hash collision

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

The current number of the iteration is 8600

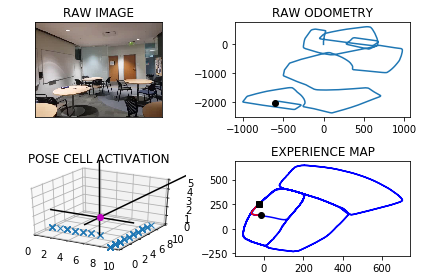
108.398000002 seconds are elapsed per 100 frames.

The number of units of the VT is 2572

The number of units of the experience map is 2765

02/20/19 12:22:42

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



The counter is 8620

The angle is reset to 87.25303375906127

Energy injection at [0, 3]

min\_delta\_val

0.0

e\_pc 0 3

current pc 0 3

loop closure

The counter is 8632

The angle is reset to 82.82712363134286

Energy injection at [4, 3]

min\_delta\_val

0.0

e\_pc 4 3

current pc 4 3

loop closure

The counter is 8657

The angle is reset to 90.22898654193997

Energy injection at [9, 3]

min\_delta\_val

0.0

e\_pc 9 3

current pc 9 3

loop closure

The counter is 8658

The angle is reset to 92.26029057935799

Energy injection at [9, 3]

min\_delta\_val

1.0

e\_pc 0 3

current pc 9 3

The counter is 8666

The angle is reset to 129.23220340555056

Energy injection at [2, 3]

min\_delta\_val

1.0

e\_pc 2 3

current pc 1 3

loop closure

The counter is 8677

The angle is reset to 172.2875423838854

Energy injection at [2, 2]

min\_delta\_val

0.0

e\_pc 2 2

current pc 2 2

loop closure

The counter is 8684

The angle is reset to 176.1762796687198

Energy injection at [5, 1]

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

The current number of the iteration is 8700

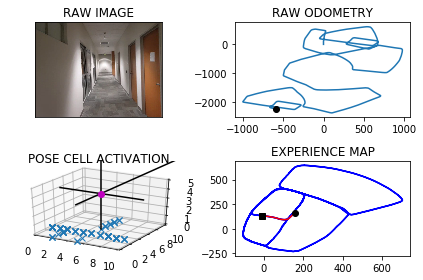
18.5629999638 seconds are elapsed per 100 frames.

The number of units of the VT is 2620

The number of units of the experience map is 2817

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



The counter is 8708

The angle is reset to 175.2233957681038

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

loop closure

The counter is 8714

The angle is reset to 176.65637703767268

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 8716

The angle is reset to 177.65946392637085

Energy injection at [5, 9]

The counter is 8719

The angle is reset to 178.3616247484596

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8720

The angle is reset to 178.8531373239217

Energy injection at [5, 9]

The counter is 8721

The angle is reset to 179.7221961267452

Energy injection at [5, 9]

min\_delta\_val

2.0

e\_pc 5 7

current pc 5 9

new experience map with case 2

The counter is 8776

The angle is reset to 177.1805372887216

Energy injection at [5, 4]

The counter is 8777

The angle is reset to 178.02637610210513

Energy injection at [5, 4]

The counter is 8778

The angle is reset to 178.61846327147356

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 179.0329242900315

Energy injection at [5, 5]

The counter is 8788

The angle is reset to 178.79804700302202

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

loop closure

The counter is 8789

The angle is reset to 179.15863290211541

Energy injection at [5, 3]

min\_delta\_val

0.0

e\_pc 5 3

current pc 5 3

The counter is 8792

The angle is reset to 179.41104303148077

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 179.58773012203653

Energy injection at [5, 2]

The counter is 8794

The angle is reset to 180.23641108542557

Energy injection at [5, 2]

min\_delta\_val

0.0

e\_pc 5 2

current pc 5 2

The counter is 8795

The angle is reset to 180.16548775979788

Energy injection at [5, 2]

The counter is 8796

The angle is reset to 179.0658414318585

Energy injection at [5, 2]

min\_delta\_val

1.0

e\_pc 5 3

current pc 5 2

loop closure

The counter is 8797

The angle is reset to 178.82108900230094

Energy injection at [5, 2]

The counter is 8798

The angle is reset to 179.17476230161066

Energy injection at [5, 2]

The counter is 8799

The angle is reset to 179.42233361112744

Energy injection at [5, 2]

The counter is 8800

The angle is reset to 179.5956335277892

Energy injection at [5, 2]

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

The current number of the iteration is 8800

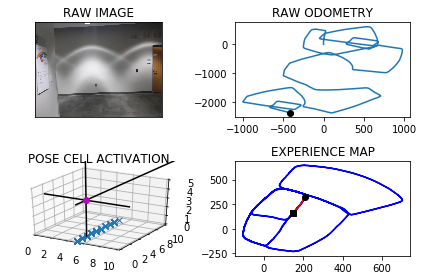
27.4089999199 seconds are elapsed per 100 frames.

The number of units of the VT is 2670

The number of units of the experience map is 2872

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The counter is 8801

The angle is reset to 179.71694346945245

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 179.80186042861672

Energy injection at [5, 2]

The counter is 8803

The angle is reset to 180.38630230003167

Energy injection at [5, 2]

The counter is 8811

The angle is reset to 178.69541161002218

Energy injection at [5, 0]

min\_delta\_val

0.0

e\_pc 5 0

current pc 5 0

loop closure

The counter is 8812

The angle is reset to 179.0867881270155

Energy injection at [5, 0]

The counter is 8813

The angle is reset to 178.83575168891085

Energy injection at [5, 0]

The counter is 8814

The angle is reset to 179.71002618223758

Energy injection at [5, 0]

The counter is 8815

The angle is reset to 179.7970183275663

Energy injection at [5, 0]

The counter is 8816

The angle is reset to 179.8579128292964

Energy injection at [5, 0]

The counter is 8817

The angle is reset to 179.90053898050746

Energy injection at [5, 0]

The counter is 8818

The angle is reset to 179.40537728635522

Energy injection at [5, 9]

hash collision

The counter is 8819

The angle is reset to 179.05876410044866

Energy injection at [5, 9]

hash collision

The counter is 8820

The angle is reset to 179.34113487031402

Energy injection at [5, 9]

hash collision

The counter is 8821

The angle is reset to 179.5387944092198

Energy injection at [5, 9]

hash collision

The counter is 8822

The angle is reset to 179.67715608645383

Energy injection at [5, 9]

hash collision

The counter is 8823

The angle is reset to 179.77400926051772

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 179.8418064823624

Energy injection at [5, 0]

The counter is 8825

The angle is reset to 180.41426453765368

Energy injection at [5, 0]

The counter is 8826

The angle is reset to 180.81498517635757

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8827

The angle is reset to 181.0954896234503

Energy injection at [5, 9]

The counter is 8828

The angle is reset to 181.2918427364152

Energy injection at [5, 9]

The counter is 8829

The angle is reset to 180.90428991549064

Energy injection at [5, 9]

The counter is 8830

The angle is reset to 181.15800294084343

Energy injection at [5, 9]

The counter is 8831

The angle is reset to 182.9106020585904

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8833

The angle is reset to 188.86242144101325

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

loop closure

The counter is 8834

The angle is reset to 190.92869500870927

Energy injection at [5, 9]

min\_delta\_val

0.0

e\_pc 5 9

current pc 5 9

The counter is 8835

The angle is reset to 192.37508650609652

Energy injection at [5, 9]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 9

The counter is 8837

The angle is reset to 196.01256055426754

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8838

The angle is reset to 209.4337923879873

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8839

The angle is reset to 217.77865467159106

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 223.62005827011376

Energy injection at [5, 8]

min\_delta\_val

1.4142135623730951

e\_pc 4 7

current pc 5 8

The counter is 8841

The angle is reset to 227.7090407890796

Energy injection at [4, 7]

min\_delta\_val

1.0

e\_pc 4 7

current pc 4 6

loop closure

The counter is 8843

The angle is reset to 231.09632855235571

Energy injection at [5, 8]

min\_delta\_val

1.0

e\_pc 5 8

current pc 5 7

loop closure

The counter is 8844

The angle is reset to 230.84242998664897

Energy injection at [5, 8]

The counter is 8845

The angle is reset to 230.1397009906543

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

The counter is 8846

The angle is reset to 229.122790693458

Energy injection at [5, 8]

The counter is 8847

The angle is reset to 228.41095348542058

Energy injection at [5, 8]

hash collision

The counter is 8848

The angle is reset to 227.91266743979443

Energy injection at [5, 8]

hash collision

The counter is 8849

The angle is reset to 227.03886720785607

Energy injection at [5, 8]

hash collision

The counter is 8850

The angle is reset to 226.42720704549927

Energy injection at [5, 8]

hash collision

The counter is 8851

The angle is reset to 225.99904493184945

Energy injection at [5, 8]

hash collision

The counter is 8852

The angle is reset to 225.69933145229462

Energy injection at [5, 8]

min\_delta\_val

0.0

e\_pc 5 8

current pc 5 8

loop closure

The counter is 8853

The angle is reset to 225.48953201660623

Energy injection at [5, 8]

The counter is 8854

The angle is reset to 225.34267241162436

Energy injection at [5, 8]

The counter is 8855

The angle is reset to 225.76487068813708

Energy injection at [4, 7]

hash collision

The counter is 8856

The angle is reset to 226.06040948169593

Energy injection at [4, 7]

hash collision

The counter is 8861

The angle is reset to 226.79228663718712

Energy injection at [4, 7]

hash collision

The counter is 8862

The angle is reset to 212.22960064603097

Energy injection at [4, 7]

hash collision

The counter is 8863

The angle is reset to 216.06072045222172

Energy injection at [4, 7]

min\_delta\_val

0.0

e\_pc 4 7

current pc 4 7

loop closure

The counter is 8864

The angle is reset to 218.74250431655517

Energy injection at [4, 7]

The counter is 8865

The angle is reset to 220.61975302158862

Energy injection at [4, 7]

The counter is 8866

The angle is reset to 221.93382711511202

Energy injection at [3, 6]

min\_delta\_val

0.0

e\_pc 3 6

current pc 3 6

The counter is 8867

The angle is reset to 222.85367898057842

Energy injection at [3, 6]

The counter is 8868

The angle is reset to 210.5225752864049

Energy injection at [6, 1]

min\_delta\_val

5.830951894845301

e\_pc 6 1

current pc 3 6

new experience map with case 2

The counter is 8869

The angle is reset to 201.3658027004834

Energy injection at [6, 1]

The counter is 8870

The angle is reset to 195.48106189033837

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 8871

The angle is reset to 190.83674332323685

Energy injection at [6, 1]

min\_delta\_val

1.0

e\_pc 3 6

current pc 6 0

loop closure

The counter is 8872

The angle is reset to 201.0857203262658

Energy injection at [3, 6]

The counter is 8873

The angle is reset to 194.23500422838603

Energy injection at [6, 0]

The counter is 8874

The angle is reset to 189.43950295987023

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

loop closure

The counter is 8875

The angle is reset to 186.60765207190911

Energy injection at [6, 0]

The counter is 8876

The angle is reset to 184.6253564503364

Energy injection at [6, 0]

min\_delta\_val

0.0

e\_pc 6 0

current pc 6 0

The counter is 8877

The angle is reset to 196.73774951523544

Energy injection at [3, 6]

The counter is 8878

The angle is reset to 205.21642466066479

Energy injection at [3, 6]

The counter is 8879

The angle is reset to 211.15149726246537

Energy injection at [3, 6]

hash collision

The counter is 8880

The angle is reset to 215.30604808372576

Energy injection at [3, 6]

hash collision

The counter is 8881

The angle is reset to 218.214233658608

Energy injection at [3, 6]

hash collision

The counter is 8882

The angle is reset to 220.24996356102562

Energy injection at [3, 6]

hash collision

The counter is 8883

The angle is reset to 221.67497449271792

Energy injection at [2, 5]

hash collision

none

DONE!

n\_ templates: 2677

n\_ experiences: 2884