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Experiment 1

*On est trop souvent imprécis
lorsqu'on fait une citation.*

Quelqu'un, un jour.

Full 1st experiment explanation

1.1 General

1.1.1 Code

```

1  print("Launch!")
2  qc.h(init_q)
3  for w in range(max_shots):
4      for i in range(shots):
5          qc.rx(-pi/(shots-i), init_q)
6          qc.rz(pi/(shots/8), init_q)
7          #qc.u(pi/(shots-i), pi/(shots/8), 0, init_q)
8          z, z_north, z_south = complex_cal(qc, statevector_sim)
9          if z != 0:
10             if z_north != 0:
11                 tab_temp[0].append(z)
12                 tab_temp[1].append(z_north)
13             if z_south != 0:
14                 tab_temp[0].append(z)
15                 tab_temp[2].append(z_south)
16         qc.barrier()
17
18         if (w + 1) % 5 == 0:
19             print("Full circuit bloch :", w+1, "/", max_shots)
20
21  print("Fini!")

```

1.1.2 Run 1 full circuit block only

1.1.3 Run 10 full circuit block only

1.1.4 Run 100 full circuit block only

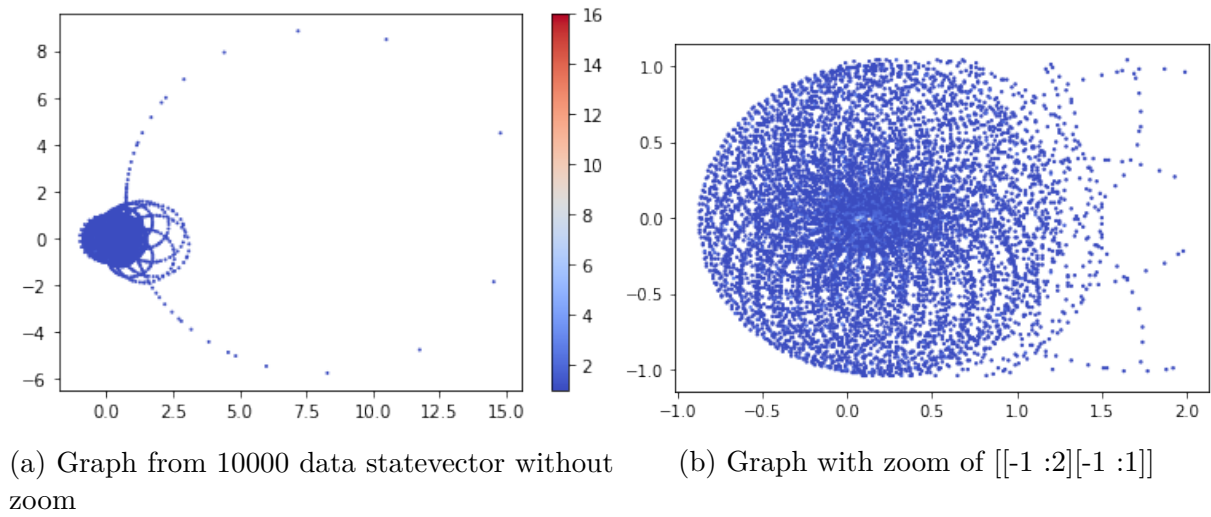


FIGURE 1.1 – Resulting of 10000 data statevector