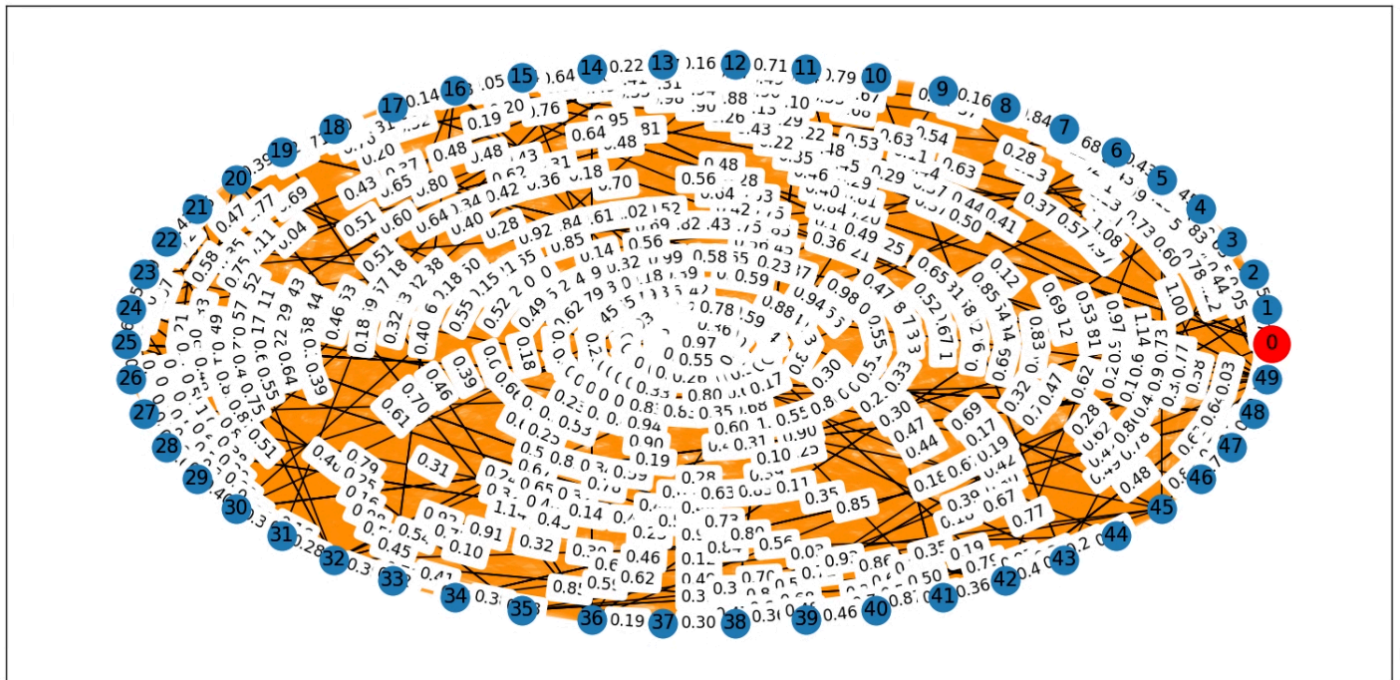


# 50 villes - 5 fourmis - 1000 itérations



```
iterations: 100% | 1000/1000 [39:06<00:00, 2.35s/it]
Le meilleur chemin trouvé par les fourmis est : [0, 48, 25, 48, 0, 14, 0, 48, 25, 48, 0, 16, 42, 49, 42, 28, 20, 36, 20, 43, 3, 14, 13, 26, 29, 21, 28, 29, 14, 13,
49, 30, 27, 49, 5, 4, 36, 14, 2, 38, 1, 32, 6, 32, 22, 49, 4, 36, 9, 49, 42, 27, 29, 14, 0, 48, 15, 48, 15, 38, 11, 41, 24, 35, 42, 28, 21, 32, 27, 29, 13, 49, 4, 5
, 45, 18, 20, 18, 45, 35, 24, 12, 19, 36, 14, 13, 8, 13, 23, 10, 43, 35, 42, 39, 45, 49, 17, 49, 30, 7, 14, 0, 16, 48, 0, 36, 19, 12, 11, 38, 11, 41, 24, 41, 37, 49
, 19, 49, 5, 42, 16, 41, 25, 48, 25, 48, 34, 48, 34, 45, 24, 31, 16, 33, 16, 3, 14, 3, 16, 6, 47, 49, 42, 28, 30, 49, 19, 12, 30, 49, 46, 23, 13, 26, 25, 41, 11, 38
, 1, 32, 40, 32, 5, 24, 28, 20, 43, 10, 23, 5, 29, 21, 22, 32, 44, 20, 16, 0] il passe par 178 villes
La distance parcourue par les fourmis est : 81.69865890543579
```

2340 secondes = 39 minutes