Cycle graph: search

Multiple runs search with constraint on T

- We consider the multiple runs for one search approach
  - (*) Time-dependent is not optimized on T
  - (*) Time-independent is an imperfect search
- We introduce a **new quantity** τ in order to compare the two approaches

$$\tau = \min \left(\frac{T}{p} \right)_{T > T_{\min}, \gamma}$$

- $T_{\min}$ is a constraint on the minimum time
- $T_{\min} = \frac{\pi}{2}\sqrt{N}$