

1 | **sources**

1.1 | **gentle introductions**

1.1.1 | https://en.wikipedia.org/wiki/Computational_complexity_theory

1.1.2 | https://complexityzoo.net/Petting_Zoo

2 | **overview**

2.1 | **computational complexity theory studies how "difficult" a problem is**

2.1.1 | **importantly, not how "good" an algorithm is... this field deals with all algorithms that solve a given problem**

2.2 | **key concepts**

2.2.1 | **types of problems**

2.2.2 | **Turing machines**

2.2.3 | **reducibility**

2.2.4 | **complexity classes**

2.2.5 | **hierarchy**

2.3 | **key problems**

2.3.1 | **P vs NP**

3 | **flows**

3.1 | **Wikipedia computational complexity theory**