

## 1 | **sources**

### 1.1 | **gentle introductions**

1.1.1 | [https://en.wikipedia.org/wiki/Computational\\_complexity\\_theory](https://en.wikipedia.org/wiki/Computational_complexity_theory)

1.1.2 | [https://complexityzoo.net/Petting\\_Zoo](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 | **reducibility**

2.2.2 | **hierarchy**

2.3 | **key problems**

2.3.1 | **P vs NP**

## 3 | **flows**