

In your own words describe the characteristics that make a problem tractable or untractable.

A problem that is tractable is solvable in reasonable time. This means that a solution can be found within polynomial time or below $\mathcal{O}(2^n)$. A problem that is untractable is the opposite meaning it cannot be solved within polynomial time and is $\mathcal{O}(2^n)$ or above.

What is the difference between problems in the class P and problems in the class NP?

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