

The Master Theorem

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February 28, 2023

Work with your team to write a report about the *Master Theorem* for solving a recurrence.

I've usually avoided the *Master Theorem* because it has too many rules and does not offer real insight to the solution of the recurrence. However, I do include it in my handouts and the *Master Theorem* may be useful for finding the solution to *Strassen's matrix multiplication recurrence*.

$$T(n) = 7T(n/2) + O(n^2)$$

There are many details beneath this recurrence. I strongly encourage you to read what is in the Cormen textbook and other sources.

Submit the team's report on Canvas. Include a task matrix indicating who did what.

Wikipedia Summary of the Master Theorem

Name	Section
Remington Greko	
Tyler Gutowski	
Spencer Hirsch	Read Wikipedia Article