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CLRS Chapters 4.3 - 4.5

Chapter 4.3 talks about the substitution method for solving recurrences. It is very instructive to read this chapter. We have covered this method in our lectures should be familiar. It would also be great to revise concepts around arithmetic, geometric and arithmetic-geometric series summations.

Khan academy is a great resource:

<https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:series>

Chapter 4.4 uses recursion trees which is a visual device for keeping track of the terms in the summation expansions we get for recurrences.

The main portion of master method is covered in chapter 4.5.

For those interested in a detailed proof, please read chapter 4.6.

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