

Lecture #20: Priority Methods and a Solution for Post's Problem

What Will Happen During the Lecture

Remember... You Had Homework!

Students were asked to have worked through a set of notes before this first lecture:

- Lecture Notes — “Priority Methods and a Solution for Post's Problem”

Of course, you may attend the lecture presentation if you have not worked through this material ahead of time — but it will not be repeated for you during the lecture presentation.

Topic To Be Discussed

The lecture notes introduced a *priority method* and its use to solve Post's problem.

This was one of *two* priority methods that were presented, to do this, at almost exactly the same time.

The lecture presentation will introduce *another* priority method that can be used to solve Post's problem. This can also be used to discover a bit more information about the Turing-degrees that are included in Σ_1 .