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[00:00:01] **Speaker 1** So. Welcome back, everyone. Right. Everyone obviously act natural, right? Laugh at my usually hilarious jokes in 2011. Anyway. Um. Phew. It was a business trip we started. Number one, you get the homework. Due tonight. And so hopefully no one's getting started right now. Two projects proposals are due end of next week. I think I believe at this point most people have come to talk about projects. If you haven't done so, make sure to come in the next two opportunities of office hours. That's kind of what we have left. So Tuesday is going to be online, Thursday it's going to be in-person. And lastly, we have. Right into not next week, the following week, Tuesday. We're not meeting. I'm going to be out for a conference. That'll be asynchronous lecture. So try to prerecord that and have that online by lunchtime. What would have been lecture time on Tuesday? Okay. There are questions about logistics before we get started. Okay, great. So on Tuesday, we started making the transition from a finite horizon problem to infinite horizon problems. And there are a few key insights that we developed to try and think about how we solve infinite Horizon problems and why they might be different from finite horizon. So if you think about that, what was the what was the main idea of solving Infinite Horizon problems that was different from finite horizon problems? Or I should say, why? Why are fighting and rising guns easier to solve than the price of bullets? So everyone's scared.

[00:02:33] **Unidentified** I started studying down.

[00:02:38] **Speaker 1** Crossing back to the future is the perfect right. So in the final horizon we can always start at the end is in the beginning because there's only quite a finite amount of time. There's a.