



[Course](#) > [The Ba...](#) > [Introdu...](#) > [Introdu...](#)

## Introduction

### Video: Introduction to Lecture 8



but has since been refined by a number of different people.

In particular, Raphael Robinson showed

that the procedure can be carried out using only five pieces, and he showed that it's impossible to carry it out

**with any smaller number of pieces.**



1:43 / 1:43



1.50x



End of transcript. Skip to the start.

#### Video

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This lecture includes some optional exercises, but **no final evaluation** because the content is a little trickier than usual. So this lecture won't count towards your final grade. You can think of it as an optional detour. It's an awesome detour, though. I recommend that you at least have a look.

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If you'd like an informal introduction to the Banach-Tarski Theorem, I recommend [this Youtube video](#), by Vsauce.

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