Infinity in 90 +α minutes

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Abstract: For millennia philosophers have been discussing on infinity. But the idea or image of infinity has undergone a revolutionary change since the rise of modern set theory. This lecture tries to outline the contemporary concept of infinity or infinities with minimum technicalities. Topics include the ordinal/the cardinal, transfinite numbers, limit numbers, transfinite arithmetic, Cantor's theorem, the axiom of choice, and the general continuum hypothesis.

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