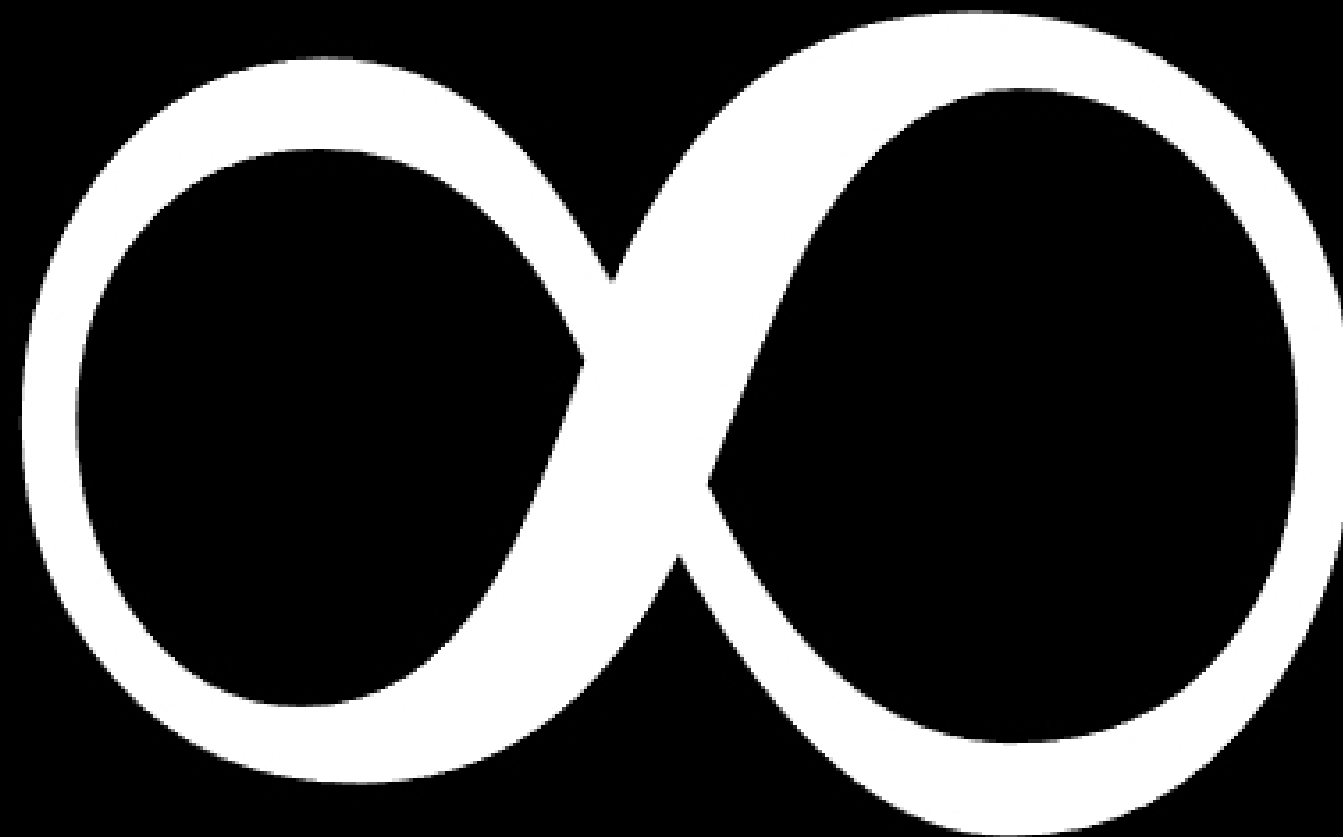


COMPSCI 102

Introduction to Discrete
Mathematics

Cantor's Legacy:
Infinity And Diagonalization
Lecture 23 (November 19, 2007)



The Theoretical Computer:

no bound on amount of memory
no bound on amount of time

Ideal Computer is defined as a
computer with infinite RAM

You can run a Java program and
never have any overflow, or out of
memory errors