

CS/ENGRI 172, Fall 2002

9/30/02: Computability and Complexity Essay

Contents

Jon Kleinberg and Christos Papadimitriou. Computability and Complexity. September 2002 draft of an essay for the National Academies' Study on the Fundamentals of Computer Science.

Reading Assignments

We will be covering sections 2 (“Computation as a Universal Technology”) and 3 (“The Limits of Computation”) in lecture. However, the essay in its entirety forms a nice introduction to some of the theory of computability and computational complexity, so we encourage you to read the whole piece.