

CSC 85020 [18918] Infinitary computability.

Professor Joel Hamkins
Mondays, 9:30 – 11:30 am

This course will explore all the various infinitary theories of computability, including infinite time Turing machines, Blum-Shub-Smale computability, Bucci automata, ordinal register machines and others. The focus will be on introducing the computability models and comparing them to each other and to standard concepts of computability. In the early part of the course, we shall review the standard finitary computational models, before investigating the infinitary supertask analogues.