

abstract

SHORT TALKS BY POSTDOCTORAL MEMBERS

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Identity Testing is the following problem: given an arithmetic circuit C with coefficients from some field F , determine if the polynomial computed by the circuit is the identically zero polynomial or not. This problem admits a simple and efficient randomized polynomial-time algorithm but no deterministic polynomial-time algorithm is known.

In this talk, we will give a quick survey of the problem, its significance, the available algorithms and related open problems.