



Second SBU Combinatorics Day

Shahid Beheshti University, May 11, 2016

Honoring 50th anniversary of Behzad's Conjecture

Cylindrical Constructs and Homomorphism Problems

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In this talk I will briefly introduce cylindrical constructs and I will focus on some special cases as Petersen-like, Coxeter-like and generalized Mycielski graphs introduced in M. Madani's thesis [Sharif Univ. Tech., March 2016]. I will mainly discuss the applications of this approach to graph homomorphism problem and explain some results and open questions introduced in this thesis.