

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 15 בנובמבר, 2016

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

theory Hodge Combinatorial

תינתן על-ידי

Jerusalem) of University (Hebrew Adiprasito Karim

תקציר: I will discuss how Hodge theory and positivity phenomena from algebraic geometry, in general, can be used to resolve fundamental conjectures in combinatorics, including Rotas conjecture of log-concavity of Whitney numbers, and beyond. I will also discuss how combinatorics can be turned into explain relations as such phenomena, prove and matroids. for Hodge-Riemann the as such phenomena, such prove and