המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ההרצאה

Derived and Rationality Fourfolds: Cubic Categories

תינתן על-ידי

(UIC) Nuer Howard

תקציר: rational is variety algebraic given a fi determining of question The solve to attempts and geometry, algebraic in problem dffiicult notoriously a is well- A techniques. new powerful often have problems rationality a when for criterion a of determination the is problem rationality open known discussing After rational. is space projective five-dimensional of hypersurface cubic criteria rationality conjectural two the introduce will I problem, this of history the developed have I tools of package a discuss then and forth put been have that of theory Our together. conjectures two these bring to collaborators my with such consequences beautfiul other of number a has Stability Bridgeland Relative the and Fourfolds Cubic for Conjecture Hodge integral the of proof new a as manfiolds. Kahler Hyper projective of families full-dimensional of construction of theory the of applications many the of few a discuss I'll permitting Time fourfolds. cubic than other problems to conditions stability relative