

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 10 במאי, 2016

בשעה 14:30 – 15:30

בMath-101

ההרצאה

theory field class explicit and curves Elliptic

תינתן על-ידי

McGill)) Darmon Henri

תקציר: The arithmetic of elliptic curves is related to multiple ways to explicit multiplication, complex theory, notably through the theory of class field, which plays a key role in this theory. This theory is one of the jewels of arithmetic. The number of positive proportions are there that theorem recent the in progress recent in Swinnerton- and Birch the which for one, rank of and zero, rank of curves elliptic Kolyvagin, Gross-Zagier, of work the of out growing true, is conjecture Dyer various discuss will I Zhang. Wei and Skinner-Urban-Wan, Bhargava-Shankar, as such theory, field class explicit and curves elliptic between exist that relations above. those