

המחלקה למתמטיקה, בן-גוריון

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## קולוקוויום

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ביום שלישי, 2 בדצמבר, 2025

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

**equation this solve can't I Mommy,**

תינתן על-ידי

(BGU) Kerner Dmitry

תקציר: A significant part of Mathematics boils down to resolving systems of equations, many of which are implicit functions  $F(x,y)=0$ . e.g. "power series", "order-by-order". just these resolve to has analytic. be to need not approximated is solution formal every ensures: (A.P.) approximation Artin differential) or (functional other various to contrast in goes This solutions. analytic by different. very are words analytic and formal the which for equations, recent the explain then and topic, this to introduction brief a give will I A.P. words: simple In scheme-germs. of morphisms of (quivers) for A.P. results: function implicit of (not equations functional of class additional an for holds type).