

המחלקה למתמטיקה, בן-גוריון

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## אשנב למתמטיקה

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ביום שלישי, 15 ביוני, 2021

בשעה 16:10 – 17:30

בחדר 112 בניין 32 (וגם ברשת)

ההרצאה

### Theory Singularity to introduction An

תינתן על-ידי

דמיטרי קרנר

תקציר: Theory Singularity (at originated has Theory Singularity) 19'th of end the (with century) questions: basic two the

• how does the graph of a function look locally?

• how does the zero set of a function look locally?

If the first derivative of a function does not vanish at a point then one can "rectify" the function Geometrically. the change local coordinates to linearize the functions. Accordingly the local geometry/topology/algebra set. zero graph/the the derivative first the when involved more much becomes situation The trivialized. showing examples, non-trivial) (though simple several consider will I vanishes.

how the algebra/geometry/topology are involved. (ההרצאה תתקיים בעברית)

אנא שימו לב לשינוי במקום!