

המחלקה למתמטיקה, בן-גוריון

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## לוגיקה, תורת הקבוצות וטופולוגיה

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ביום שלישי, 1 בדצמבר, 2015

בשעה 12:15 – 13:40

Math-101

ההרצאה

### Orders Linear for Relations Partition

חינתן על-ידי

Negev) the of University (Ben-Gurion Weinert Thilo

**תקציר:** Combinatorics. in ubiquitous quite nowadays is Theory Ramsey Finite Set within Theory Ramsey Infinite for extent some to least at claimed be can This however, Theory, Ramsey Infinite within considerations Most well. as Theory Considering cardinality. its by given as set homogeneous a of size the treat cardinals treating by but topic this of variation a as considered be can sets ordered generalisation. a as viewed be also can it ordinals initial as definitions and notations background, historical provide will I talk first the In some state to going am I Moreover context. generalised this in Theory Ramsey on results. classical neither are which orderings linear on focus to going am I talk second the In Rado and Milner Erdős, by results present anti-well-orderings, nor well-orderings Lücke Philipp with work joint from results recent some present and 1971 from Schlicht. Philipp and