

המחלקה למתמטיקה, בן-גוריון

---

---

## לוגיקה, תורת הקבוצות וטופולוגיה

---

---

ביום שלישי, 8 במרץ, 2016

בשעה 12:15 – 13:30

בMath-101

ההרצאה

### part - principle trichotomy restricted Zilber's On

#### 1

חינתן על-ידי

(BGU) Hasson Assaf

תקציר: Zilber's conjecture, asserting that roughly, a modular strongly minimal set over a closed algebraically modular field is algebraically modular. Nevertheless, in 1988 Hrushovski refuted Zilber's conjecture. In this talk I will first explain the underlying theory. In the second part I will discuss the history of Zilber's conjecture and its various versions. I will then discuss the project of classifying o-minimal structures. Finally, I will describe recent results (jointly with Peterzil and Eleftheriou) in the theory of Lie groups and commutative Lie groups.

o-minimal an in interpretable structure modular locally non minimal strongly a is  
field. closed algebraically an interprets  $G_S$  then reals, the of expansion

אנא שימו לב לשינוי בשעה!