

Department of Mathematics, BGU

From model theory to differential-algebraic geometry (Special lecture)

This is the second lecture from the Mini-Course *Model theory of algebraic vector fields* by Rahim Moosa¹. The first lecture is given as a Colloquium talk², and the third lecture is described here³.

Abstract In this talk I will discuss how one translates between notions coming from model theory and from differential-algebraic geometry. This should serve as an explanation for how model theory is involved in the results about algebraic vector fields that were discussed in Lecture 1⁴ (colloquium).

Time: *May, 4, 11:00–10:10 2023*

Location: *Department of mathematics, BGU, room 101-*

Web: *<https://www.math.bgu.ac.il/research/events/moosa-2>*

¹<https://www.math.uwaterloo.ca/~rmoosa/>

²<https://www.math.bgu.ac.il//research/spring2023/seminars/colloquium/meetings/2023-05-02>

³<https://www.math.bgu.ac.il//research/events/moosa-3>

⁴<https://www.math.bgu.ac.il//research/spring2023/seminars/colloquium/meetings/2023-05-02>