



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

Room 155 ,Ziskind Building
on Tuesday, May 07, 2019
at 11:15

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Remarks on liftings mod p^2 and the Nygaard filtration

Abstract:

I'll revisit decompositions of de Rham complexes in positive characteristic (Deligne-Illusie), by discussing relations between cotangent complexes, liftings mod p^2 , and de Rham-Witt and derived de Rham complexes. Such relations have been recently observed independently by Bhargav Bhatt.