

02/06/2017

InterCity - seminar

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Bern - Neuchâtel -
Fribourg/Freiburg

Time	Speaker	Talk
14:00	Peter Patzt (FU Berlin)	Representation stability for the general linear groups Abstract: Representation stability has been well understood for the symmetric groups and other sequences of finite groups. This talk will summarize some of those results and will transfer them for the general linear group of the rational numbers. In particular we show that finitely generated rational VIC _Q -modules are uniformly representation stable and all their submodules are finitely generated.
15:30	Linard Hoessly (Fribourg)	Fundamental polytopes of tree-like metric spaces Abstract: Fundamental polytope for finite metric spaces were introduced for geometric reasons by Vershik, who in particular asked for their face numbers. In this talk we focus on the case of finite split-pseudometric spaces, which arise from research in phylogenetics. We define a hyperplane arrangement associated to every such pseudometric and use the combinatorics of its underlying matroid in order to compute the face numbers of fundamental polytopes (and Lipschitz polytopes) of tree-like metrics.

The talks will take place in Room 2.312 of the Earth sciences building (Pérolles) of the University of Fribourg.

For further informations please refer to the seminar's webpage

www.combinatorialmethods.ch/intercity/

or contact the organisers:

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