CENTRO DE
MATEMÁTICA
UNIVERSIDADE DO PORTO

Tensor Products of Quiver bundles

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Abstract. In this work we introduce a notion of tensor product of (twisted) quiver representations with relations in the category of O_X-modules. As a first application of this notion, we see that tensor products of polystable quiver bundles are polystable and later we use this to both deduce a quiver version of the Segre embedding and to identify distinguished closed subschemes of $\mathrm{GL}(r, \mathbb{C})$-character varieties of free abelian groups.

Friday, October 10   15h30   Room FC1-1.09

fct Fundação
para a Ciência
e a Tecnologia

There will be coffee after the talk.