

# A new approach to the Fourier Extension Problem for the paraboloid

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## **Abstract**

The plan is to briefly describe a new approach to the Restriction Conjectures in Harmonic Analysis. Without going into details, this new point of view allows one to prove that (essentially) all the relevant conjectures (linear or multi-linear) are true, if one of the functions involved has a tensor structures. Joint work with Itamar Oliveira.