ID de Contribution: **9**   Type: **Non spécifié**

9th talk : Seidl conjecture in Density Functional Theory: results and counterexamples

vendredi 5 juillet 2019 14:10 (50 minutes)

The Seidl conjecture in Density Functional Theory is the equivalent of the Monge Ansatz for the classical optimal transport problem with the cost $c(x, y) = |x - y|$, in the multimarginal case with the Coulomb cost. We provide positive results in the one dimensional case as well as both positive and negative results in the radial 2-dimensional case.

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