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Homotopy Self-Equivalences of Manifolds

Abstract: In the first part of this talk, I am going to talk about the braid, established by I. Hambleton and M. Kreck, to calculate the group of base-point and orientation preserving homotopy self-equivalences of a closed, oriented 4-manifold. The second part of the talk will be about extending the braid to manifolds of arbitrary dimension.