

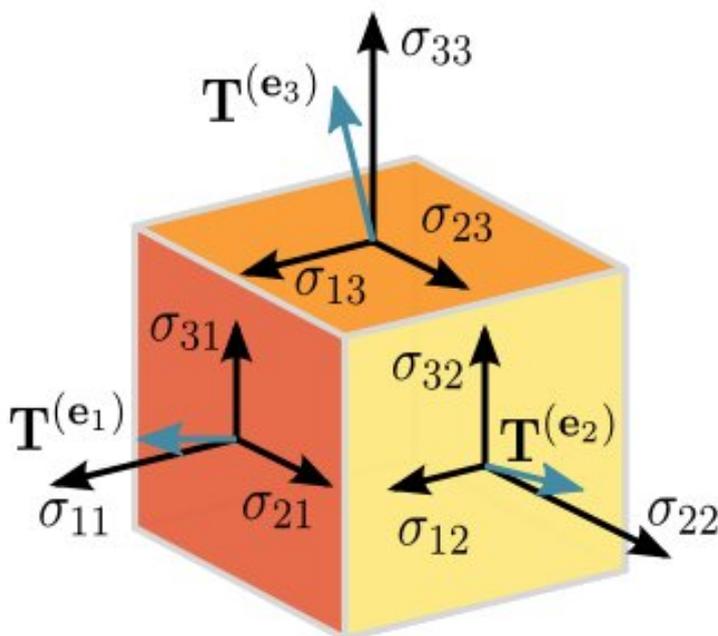
# Kolloquium

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*Low-rank dynamics*



This talk reviews differential equations on manifolds of matrices or tensors of low rank. They serve to approximate, in a low-rank format, large time-dependent matrices and tensors that are either given explicitly via their increments or are unknown solutions of differential equations, such as multi-particle time-dependent Schrödinger equations.

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