

# Method of moment for hyperbolic systems of conservation laws, and application to reduced mhd models in Tokamaks

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Reduced MHD models in Tokamak geometry are convenient simplifications of full MHD. This presentation will address the justification of such models, with the help of an extension of the standard hyperbolic method of moments (equivalent to the one of Chen-Levermore-Liu). The main result is a comparison principle for the growth rate of linear instabilities.