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	authors	• Gallagher, I. • GÃ©rard-Varet, D.	**authors**	• Isabelle Gallagher • David Gerard-Varet	DUPLICATES	1039
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	id	id1526693709620416440	**id**	id7414014349924507629		
	abstract		**abstract**	This paper is a first step in the study of the so-called Taylor model, introduced by J.B. Taylor in \cite{Taylor}. This system of nonlinear PDE's is derived from the viscous incompressible MHD equations, through an asymptotics relevant to the Earth's magnetic field. We consider here a simple class of linearizations of the Taylor model, for which we show well-posedness.		
	versions		**versions**			