

cases	doc_1		doc_2		decision	id
	authors	<ul style="list-style-type: none">Xumin GuYanjin Wang	authors	<ul style="list-style-type: none">Xumin GuYanjin Wang	DUPLICATES	10
	title	On the construction of solutions to the free-surface incompressible ideal magnetohydrodynamic equations	title	On the construction of solutions to the free-surface incompressible ideal magnetohydrodynamic equations		
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	doi	10.1016/j.matpur.2019.06.004	doi			
	urls	<ul style="list-style-type: none">https://openalex.org/W2964180288https://doi.org/10.1016/j.matpur.2019.06.004http://arxiv.org/pdf/1609.07013	urls	<ul style="list-style-type: none">http://arxiv.org/pdf/1609.07013v1http://arxiv.org/abs/1609.07013v1http://arxiv.org/pdf/1609.07013v1		
	id	id6455161344769908983	id	id-4545015190876786468		
	abstract		abstract	We consider a free boundary problem for the incompressible ideal magnetohydrodynamic equations that describes the motion of the plasma in vacuum. The magnetic field is tangent and the total pressure vanishes along the plasma-vacuum interface. Under the Taylor sign condition of the total pressure on the free surface, we prove the local well-posedness of the problem in Sobolev spaces.		
	versions		versions			