

cases	doc_1		doc_2		decision	id
	authors	<ul style="list-style-type: none">A.M. Kamchatnov	authors	<ul style="list-style-type: none">A. Kamchatnov	DUPLICATES	505
	title	Topological soliton in magnetohydrodynamics	title	Topological soliton in magnetohydrodynamics		
	publication_date	2004-09-20 00:00:00	publication_date	2004-09-20 00:00:00		
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	journal		journal	arXiv: Plasma Physics		
	volume		volume			
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	urls	<ul style="list-style-type: none">https://archive.org/download/arxiv-physics0409093/physics0409093.pdf	urls	<ul style="list-style-type: none">https://www.semanticscholar.org/paper/3bbcf846fe4e9fed0eeac50ad554f1763e1fed0		
	id	id1173162087619205851	id	id6291271218662381151		
	abstract	We use the Hopf mapping to construct a magnetic configuration consisting of closed field lines, each of which is linked with all the other ones. We obtain in this way a solution of the equations of magnetohydrodynamics of an ideal incompressible fluid with infinite conductivity, which describes a localized topological soliton.	abstract	We use the Hopf mapping to construct a magnetic configuration consisting of closed field lines, each of which is linked with all the other ones. We obtain in this way a solution of the equations of magnetohydrodynamics of an ideal incompressible fluid with infinite conductivity, which describes a localized topological soliton.		
	versions		versions			