

cases	doc_1		doc_2		decision	id
			authors	<ul style="list-style-type: none">Philippe Picard	DUPLICATES	459
	authors	<ul style="list-style-type: none">P. Picard	title	Reduction and Exact Solutions of the Ideal Magnetohydrodynamic Equations		
	title	Reduction and Exact Solutions of the Ideal Magnetohydrodynamic Equations	publication_date	2005-09-21 20:58:50+00:00		
	publication_date	2005-09-21 00:00:00	source	SupportedSources.ARXIV		
	source	SupportedSources.SEMANTIC_SCHOLAR	journal	None		
	journal	arXiv: Mathematical Physics	volume			
	volume		doi			
	doi		urls	<ul style="list-style-type: none">http://arxiv.org/pdf/math-ph/0509048v2http://arxiv.org/abs/math-ph/0509048v2http://arxiv.org/pdf/math-ph/0509048v2		
	urls	<ul style="list-style-type: none">https://www.semanticscholar.org/paper/d23ffc3a1d1ac3ad3728c812f3b4b2a93dcad6f5	id	id5722545402077584236		
	id	id-4511923461073221190	abstract	In this paper we use the symmetry reduction method to obtain invariant solutions of the ideal magnetohydrodynamic equations in (3+1) dimensions. These equations are invariant under a Galilean-similitude Lie algebra for which the classification by conjugacy classes of r-dimensional subalgebras ($1 \leq r \leq 4$) was already known. So we restrict our study to the three-dimensional Galilean-similitude subalgebras that give systems composed of ordinary differential equations. We present here several examples of these solutions. Some of these exact solutions show interesting physical interpretations.		
	abstract	In this paper we use the symmetry reduction method to obtain invariant solutions of the ideal magnetohydrodynamic equations in (3+1) dimensions. These equations are invariant under a Galilean-similitude Lie algebra for which the classification by conjugacy classes of r-dimensional subalgebras ($1 \leq r \leq 4$) was already known. So we restrict our study to the three-dimensional Galilean-similitude subalgebras that give systems composed of ordinary differential equations. We present here several examples of these solutions. Some of these exact solutions show interesting physical interpretations.	versions			
	versions					