

cases	doc_1		doc_2		decision	id
	authors	<ul style="list-style-type: none">Jai-chan HwangHyerim Noh	authors	<ul style="list-style-type: none">Elham NazariMahmood Roshan	DUPLICATES	992
	title	Post-Newtonian Magnetohydrodynamics	title	Post-Newtonian Magnetohydrodynamics		
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	id	id3006317413170048632	id	id-6635075052053752392		
	abstract	Using the fully nonlinear and exact perturbation formulation with magnetohydrodynamics (MHD) in Minkowski background we derive first-order post-Newtonian (1PN) equations without imposing the slicing (temporal gauge) condition. The 1PN MHD formulation is complementary to our recently presented fully relativistic MHD combined with 0PN gravity available only in the maximal slicing. We present the 1PN MHD equations in two gauge conditions previously used in the literature and provide gauge transformation relations between different gauges. We derive the PN effects on MHD waves in a static homogeneous medium.	abstract			
	versions		versions			