cases	doc_1		doc_2		decision	id
	authors	Olindo Zanotti     Michael Dumbser     Arturo Hidalgo		Olindo Zanotti     Michael Dumbser     Arturo Hidalgo     Dinshaw Balsara		
		Dinshaw S. Balsara	title	An ADER-WENO Finite Volume AMR code for Astrophysics		
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	title	An ADER-WENO Finite Volume AMR code for Astrophysics	source	SupportedSources.ARXIV		i
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		8th International Conference of Numerical	doi			1073
	journal	Modeling of Space Plasma Flows (ASTRONUM 2013)	urls	<ul> <li>http://arxiv.org/pdf/1401.6448v1</li> <li>http://arxiv.org/abs/1401.6448v1</li> </ul>		
	volume	488		• http://arxiv.org/pdf/1401.6448v1		i
	doi	None				i II
		https://openalex.org/W2963139272	id	id-1015905907374943763		i
	urls	integration of the second of t	abstract	A high order one-step ADER-WENO finite volume scheme with Adaptive Mesh Refinement (AMR) in multiple space dimensions is presented. A high order one-step time	ne e shown	i
	id	id-8587170392853109231		discretization is achieved using a local space-time discontinuous Galerkin predictor method, while a high order spatial accuracy is obtained through a WENO reconstruction. Thanks to the one-step nature of the underlying scheme, the resulting algorithm can be efficiently imported within an AMR framework on space-time adaptive meshes. We provide convincing evidence that the presented high order AMR scheme behaves better than traditional second order AMR methods. Tests are shown		1
	abstract					i II
	versions			of the new scheme for nonlinear systems of hyperbolic conservation laws, including the classical Euler equations and the equations of ideal magnetohydrodynamics. The proposed scheme is likely to become a useful tool in several astrophysical scenarios.		
			versions			i       '