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Title:	Criteria for existence of stable parahoric SOn, Spn and Spin bundles on P1
Authors:	Pandey, Yashonidhi (/jspui/browse?type=author&value=Pandey%2C+Yashonidhi)
Keywords:	Parahoric Symplectic bundles
Issue Date:	2014
Publisher:	Ramanujan Mathematical Society
Citation:	Journal of the Ramanujan Mathematical Society, 29(1), pp.93-117.
Abstract:	Let p : Y X be a Galois cover of smooth projective curves over C with Galois group. This paper is devoted to the study of principal orthogonal and symplectic bundles E on Y to which the action of E on Y lifts. We notably describe them intrinsically in terms of objects defined on X and call these objects parahoric bundles. We give necessary and sufficient conditions for the non-emptiness of the moduli of stable (and semi-stable) parahoric special orthogonal, symplectic and spin bundles on the projective line P1.
URI:	https://www.researchgate.net/publication/288433496_Criteria_for_existence_of_stable_parahoric_SOn_Spn_and_Spin_bundles_on_P (https://www.researchgate.net/publication/288433496_Criteria_for_existence_of_stable_parahoric_SOn_Spn_and_Spin_bundles_on_P) http://hdl.handle.net/123456789/3141 (http://hdl.handle.net/123456789/3141)
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