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Title:	On a conjecture on linear systems
Authors:	Anand, Sonika (/jspui/browse?type=author&value=Anand%2C+Sonika)
Keywords:	Green's conjecture linear systems hyper-elliptic curves
Issue Date:	2017
Publisher:	Indian Academy of Sciences
Citation:	Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 127 (3)
Abstract:	In a remark to Green's conjecture, Paranjape and Ramanan analysed thevector bundleEwhich is the pullback by the canonical map of the universal quotientbundleTPg−1(−1)onPg−1and stated a more general conjecture and proved it for the curveswith Clifford Index 1 (trigonal and plane quintics). In this paper, we state the conjecturefor general linear systems and obtain results for the case of hyper-elliptic curves.
URI:	https://www.ias.ac.in/article/fulltext/pmsc/127/03/0431-0448 (https://www.ias.ac.in/article/fulltext/pmsc/127/03/0431-0448) http://hdl.handle.net/123456789/1982 (http://hdl.handle.net/123456789/1982)
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