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Mathematics > Differential Geometry

Frobenius 3-Folds via Singular Flat 3-Webs

Sergey I. Agafonov

(Submitted on 2 Jun 2012 (v1), last revised 21 Oct 2012 (this version, v2))

We give a geometric interpretation of weighted homogeneous solutions to the associativity equation in terms of the web theory and construct a massive Frobenius 3-fold germ via a singular 3-web germ satisfying the following conditions: 1) the web germ admits at least one infinitesimal symmetry, 2) the Chern connection form is holomorphic, 3) the curvature form vanishes identically.

Subjects:	Differential Geometry (math.DG) ; Exactly Solvable and Integrable Systems (nlin.SI)
MSC classes:	53A60, 53D45, 34M35
Journal reference:	SIGMA 8 (2012), 078, 15 pages
DOI:	10.3842/SIGMA.2012.078
Cite as:	arXiv:1206.0372 [math.DG]
	(or arXiv:1206.0372v2 [math.DG] for this version)

Submission history

From: Sergey Agafonov [view email] [v1] Sat, 2 Jun 2012 12:24:21 GMT (280kb) [v2] Sun, 21 Oct 2012 11:11:11 GMT (150kb,D)

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