We gratefully acknowledge support from the Simons Foundation and member institutions

Cornell University Library

arXiv.org > math > arXiv:1206.0167

Search or Article-id

(Help | Advanced search)

All papers | Go!

Mathematics > Differential Geometry

Quasi-umbilical affine hypersurfaces congruent to their centre map

A. J. Vanderwinden

(Submitted on 1 Jun 2012)

In this paper, we study strictly convex affine hypersurfaces centroaffinely congruent to their centre map, in the case when the shape operator has two distinct eigenvalues: one of multiplicity 1, and one nonzero of multiplicity n-1. We show how to construct them from (n-1)-dimensional affine hyperspheres.

Subjects:	**Differential Geometry (math.DG)**
MSC classes:	53A15
Cite as:	**arXiv:1206.0167** [math.DG]
	(or **arXiv:1206.0167v1** [math.DG] for this version)

Submission history

From: Anne-Joëlle Vanderwinden [view email]

[v1] Fri, 1 Jun 2012 12:43:48 GMT (9kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.