

1. Record Nr.	UNISA996466772703316
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Titolo	Coulomb Frames in the Normal Bundle of Surfaces in Euclidean Spaces [[electronic resource]] : Topics from Differential Geometry and Geometric Analysis of Surfaces / / by Steffen Fröhlich
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
ISBN	3-642-29846-X
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (XIV, 117 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2053
Disciplina	516.36
Soggetti	Differential geometry Partial differential equations Functions of complex variables Differential Geometry Partial Differential Equations Functions of a Complex Variable
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 107-111) and index.
Nota di contenuto	Surface Geometry -- Elliptic Systems -- Normal Coulomb Frames in R^4 -- Normal Coulomb Frames in R^{n+2} .
Sommario/riassunto	This book is intended for advanced students and young researchers interested in the analysis of partial differential equations and differential geometry. It discusses elementary concepts of surface geometry in higher-dimensional Euclidean spaces, in particular the differential equations of Gauss-Weingarten together with various integrability conditions and corresponding surface curvatures. It includes a chapter on curvature estimates for such surfaces, and, using results from potential theory and harmonic analysis, it addresses geometric and analytic methods to establish the existence and regularity of Coulomb frames in their normal bundles, which arise as critical points for a functional of total torsion.

2. Record Nr.	UNINA9910893492203321
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Pubbl/distr/stampa	Praha, : Slovanska unie z. s., 2016-2017
ISSN	2464-7578
Descrizione fisica	Online-Ressource
Classificazione	OST
Disciplina	300 891.8
Soggetti	Zeitschrift
Lingua di pubblicazione	Artificial (Other)
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Bei CEEOL wird ročník 2, číslo 1 (květen 2017) als leto 2 (2017), sowie fälschlich auch als 2017, číslo 2 (november 2017) bezeichnet und hat dort bereits den neuen Titel SLOVJANI.info