

1. Record Nr.	UNINA9910788871703321
Autore	Brooks J. N (Jeffrey Noel), <1956->
Titolo	Blaschke's rolling theorem in R^n // J.N. Brooks and J.B. Strantzen
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1989 ©1989
ISBN	1-4704-0828-7
Descrizione fisica	1 online resource (113 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 80, Number 405
Disciplina	516/.08
Soggetti	Convex sets Convex domains
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"July 1989, Volume 80, Number 405 (first of 5 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>""TABLE OF CONTENTS""; ""PART I: LOCAL CONDITIONS FOR CONTAINMENT""; ""CHAPTER 0. INTRODUCTION""; ""CHAPTER 1. MAIN RESULT AND SKETCH PROOF""; ""1.1 Definitions and Statement of Main Result""; ""CHAPTER 2. THE MAIN RESULT FOR CURVES""; ""2.1 Preliminary Results and Notation""; ""2.2 The Main Result for Curves""; ""CHAPTER 3. CONVEX REGIONS IN $R^{[sup(n)]}$""; ""3.1 Preliminary Results""; ""3.2 Faithful Projections""; ""3.3 Proving Lemma 1.1.5""; ""3.4 Proving Theorem 1.1.4""; ""3.5 Possible Generalisations of the Main Theorem""</p> <p>""CHAPTER 4. THE SMOOTH CASE: APPLICATIONS TO DIFFERENTIAL GEOMETRY""""4.1 Local Representation of S as a Function""; ""4.2 Radii of Curvature Indicatrices""; ""4.2 Semi-Local Insideness in Terms of Radii of Curvature and Indicatrices""; ""PART II: COMMON BOUNDARIES OF TOUCHING CONVEX REGIONS AND BLASCHKE'S ROLLING THEOREM""; ""CHAPTER 5. INTRODUCTION""; ""CHAPTER 6. SOME PRELIMINARIES""; ""CHAPTER 7. EXISTENCE OF HYPERPLANES OF SUPPORT""; ""CHAPTER 8. COMMON BOUNDARIES RESULTS""; ""CHAPTER 9. APPLICATION TO SPHERES AND BLASCHKE'S ROLLING THEOREM""; ""REFERENCES""</p>