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|----|-------------------------|---------------------------------------------------------------------------------------|
| 1. | Record Nr.              | UNINA990006221740403321                                                               |
|    | Autore                  | Brunschvig, Georges                                                                   |
|    | Titolo                  | Der Privatklaeger im bernischen Strafverfahren : dissertation... / Georges Brunschvig |
|    | Pubbl/distr/stampa      | Bern : Haupt, 1944                                                                    |
|    | Descrizione fisica      | 83 p. ; 24 cm                                                                         |
|    | Disciplina              | 345                                                                                   |
|    | Locazione               | FGBC                                                                                  |
|    | Collocazione            | DISSERT. B I 262                                                                      |
|    | Lingua di pubblicazione | Non definito                                                                          |
|    | Formato                 | Materiale a stampa                                                                    |
|    | Livello bibliografico   | Monografia                                                                            |
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| 2. | Record Nr.              | UNINA9910872191403321                                                                                                        |
|    | Autore                  | Araujo Paulo Ventura                                                                                                         |
|    | Titolo                  | Differential Geometry / / by Paulo Ventura Araújo                                                                            |
|    | Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024                                                |
|    | ISBN                    | 9783031623844<br>9783031623837                                                                                               |
|    | Edizione                | [1st ed. 2024.]                                                                                                              |
|    | Descrizione fisica      | 1 online resource (190 pages)                                                                                                |
|    | Disciplina              | 516.36                                                                                                                       |
|    | Soggetti                | Geometry, Differential<br>Differential Geometry<br>Geodèsiques (Matemàtica)<br>Geometria diferencial<br>Llibres electrònics. |
|    | Lingua di pubblicazione | Inglese                                                                                                                      |
|    | Formato                 | Materiale a stampa                                                                                                           |
|    | Livello bibliografico   | Monografia                                                                                                                   |
|    | Nota di bibliografia    | Includes bibliographical references and index.                                                                               |

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## Nota di contenuto

Preface -- Differentiable Curves -- Regular Surfaces -- The Geometry of the Gauss Map -- The Intrinsic Geometry of Surfaces -- The Global Geometry of Surfaces -- References -- Index.

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## Sommario/riassunto

This textbook provides a concise introduction to the differential geometry of curves and surfaces in three-dimensional space, tailored for undergraduate students with a solid foundation in mathematical analysis and linear algebra. The book emphasizes the geometric content of the subject, aiming to quickly cover fundamental topics such as the isoperimetric inequality and the Gauss–Bonnet theorem. This approach allows the author to extend beyond the typical content of introductory books and include additional important geometric results, such as curves and surfaces of constant width, the classification of complete surfaces of non-negative constant curvature, and Hadamard's theorem on surfaces of non-positive curvature. This range of topics offers greater variety for an introductory course.

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