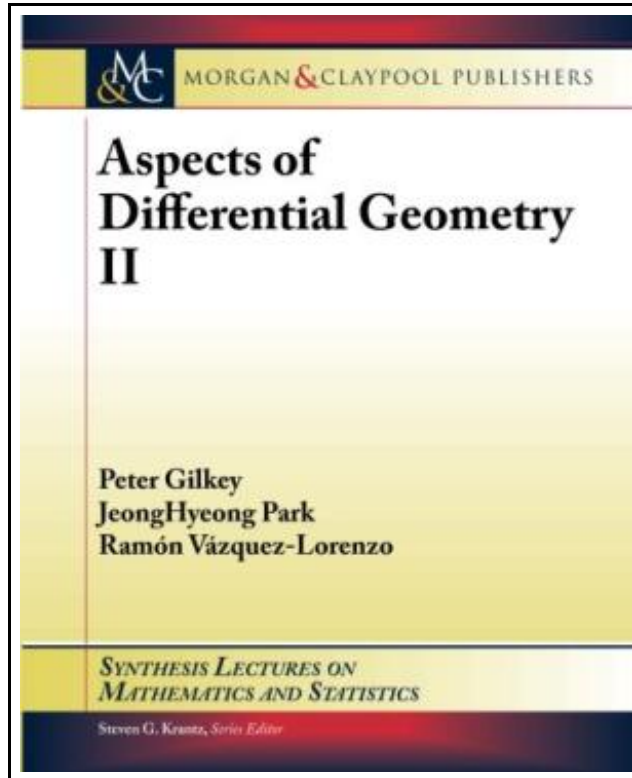


## Aspects of Differential Geometry II (Paperback)



Filesize: 3.82 MB

### **Reviews**

*It is just one of the most popular ebook. It usually fails to price an excessive amount of. You will not really feel monotony at any moment of your time (that's what catalogues are for about when you check with me).*

**(Matteo Torp)**

## ASPECTS OF DIFFERENTIAL GEOMETRY II (PAPERBACK)



Morgan Claypool Publishers, United States, 2015. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Differential Geometry is a wide field. We have chosen to concentrate upon certain aspects that are appropriate for an introduction to the subject; we have not attempted an encyclopedic treatment. Book II deals with more advanced material than Book I and is aimed at the graduate level. Chapter 4 deals with additional topics in Riemannian geometry. Properties of real analytic curves given by a single ODE and of surfaces given by a pair of ODEs are studied, and the volume of geodesic balls is treated. An introduction to both holomorphic and Kahler geometry is given. In Chapter 5, the basic properties of de Rham cohomology are discussed, the Hodge Decomposition Theorem, Poincare duality, and the Kunnetth formula are proved, and a brief introduction to the theory of characteristic classes is given. In Chapter 6, Lie groups and Lie algebras are dealt with. The exponential map, the classical groups, and geodesics in the context of a bi-invariant metric are discussed. The de Rham cohomology of compact Lie groups and the Peter--Weyl Theorem are treated. In Chapter 7, material concerning homogeneous spaces and symmetric spaces is presented. Book II concludes in Chapter 8 where the relationship between simplicial cohomology, singular cohomology, sheaf cohomology, and de Rham cohomology is established. We have given some different proofs than those that are classically given and there is some new material in these volumes. For example, the treatment of the total curvature and length of curves given by a single ODE is new as is the discussion of the total Gaussian curvature of a surface defined by a pair of ODEs.



[Read Aspects of Differential Geometry II \(Paperback\) Online](#)



[Download PDF Aspects of Differential Geometry II \(Paperback\)](#)

## See Also



---

### **The Birds Christmas Carol (Paperback)**

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin was an American children s author and educator. She...

[Read ePub »](#)



---

### **Homespun Tales (Paperback)**

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin was an American children s author and educator. She...

[Read ePub »](#)



---

### **The Flag-Raising (Paperback)**

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin was an American children s author and educator. She...

[Read ePub »](#)



---

### **Fox at School: Level 3 (Paperback)**

Penguin Young Readers Group, United States, 1993. Paperback. Book Condition: New. James Marshall (illustrator). Reissue. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched...

[Read ePub »](#)



---

### **ESV Study Bible, Large Print**

CROSSWAY BOOKS, United States, 2014. Leather / fine binding. Book Condition: New. Large Print. 257 x 190 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of...

[Read ePub »](#)

**Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes (Paperback)**

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Take your coloring to the next level with this Advanced

[Read ePub »](#)

**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: The Backpack (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 174 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

[Read ePub »](#)

**Who am I in the Lives of Children? An Introduction to Early Childhood Education (Paperback)**

Pearson Education (US), United States, 2015. Paperback. Book Condition: New. 10th Revised edition. 254 x 201 mm. Language: English . Brand New Book. Note: This is the bound book only and does not include access

[Read ePub »](#)

**Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on

[Read ePub »](#)

**A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half (Paperback)**

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to

[Read ePub »](#)