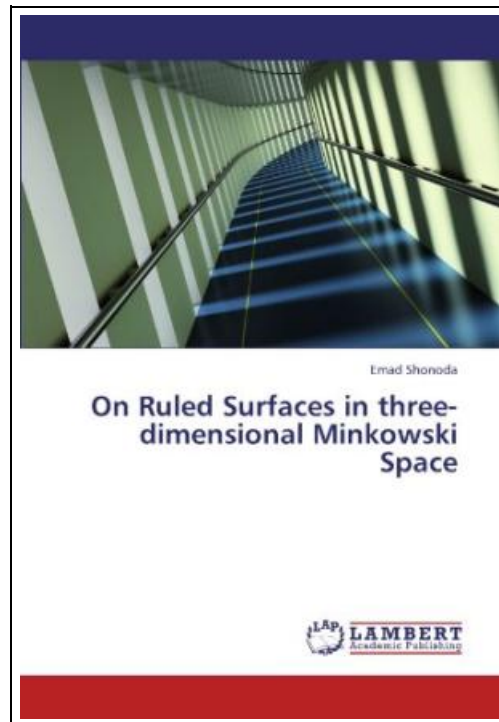


## On Ruled Surfaces in three-dimensional Minkowski Space



Filesize: 4.28 MB

### ***Reviews***

*The book is great and fantastic. It is probably the most remarkable pdf i have got read through. You can expect to like the way the article writer compose this ebook.*  
**(Mr. Ethel Schmeler)**

## ON RULED SURFACES IN THREE-DIMENSIONAL MINKOWSKI SPACE

[DOWNLOAD](#)

LAP LAMBERT Academic Publishing. Paperback. Book Condition: New. Paperback. 100 pages. Dimensions: 8.7in. x 5.9in. x 0.2in. In a Minkowski three dimensional space we define a semi-inner-product based on the so-called cosine-Minkowski function. We also construct an orthogonal 3D frame in Birkhoff sense, which is canonically adapted to ruled surfaces: beginning with the generator direction we complete this frame using the strictly convex and centrally symmetric unit ball  $B$ , which is described either by supporting function or vector representation. Based on the left-orthogonality defined by ball  $B$ , the striction curve of a ruled surface in a Minkowski 3-space can be declared in analogy to the Euclidean case. We define the new vector called Deformation vector which helps us to find the Frenet-Serret formulae of the ruled surface in the Minkowski three dimension spaces. In these formulae we insert the M-curvatures and M-Torsions with respect to the Minkowski frame. We also can define a covariant differentiation in a Minkowski 3-space, with this can declare geometric M-parallelity of the vector field of the generator of a skew ruled surface along its Minkowski striction curve. Using the second fundamental form the relation between Euclidean and Minkowski normal vectors is given. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.

[Read On Ruled Surfaces in three-dimensional Minkowski Space Online](#)[Download PDF On Ruled Surfaces in three-dimensional Minkowski Space](#)

## Related Kindle Books



### **Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download...

[Save PDF »](#)



### **DK Readers Invaders From Outer Space Level 3 Reading Alone**

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.9in. x 5.9in. x 0.1in.Are aliens from other planets visiting Earth Read these amazing stories of alien encounters -- and make up your own mind!...

[Save PDF »](#)



### **Wonder Mom: Mothers Day Gifts / Baby Shower Gifts ( Wonder Woman Themed Ruled Notebook )**

Createspace, United States, 2015. Paperback. Book Condition: New. 203 x 127 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Mother s Day Gifts / Baby Shower Gifts [ Softback Notebook .50 /...

[Save PDF »](#)



### **Owl Notebook: Gifts / Presents / Ruled Notebook for Owl Baby Owl Lovers**

Createspace, United States, 2014. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Gifts for Bird / Owl Lovers [ Softback Notebook .50 / 3.59 /...

[Save PDF »](#)



### **Owl Notebook: Owl Gifts / Presents [ Small Ruled Writing Journals / Notebooks with Mom Baby Owls ]**

Createspace, United States, 2015. Paperback. Book Condition: New. 203 x 127 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Owl Gifts - Plain Ruled Softback Notebook [.50 / 3.59] A handy smART...

[Save PDF »](#)

**Friendfluence: The Surprising Ways Friends Make Us Who We Are**

Doubleday, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Intriguing.A convincing case for nurturing friendships in many of the same ways we nurture relationships with partners and other

[Save Book »](#)

**Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.

[Save Book »](#)

**Growing Up: From Baby to Adult High Beginning Book with Online Access**

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

[Save Book »](#)

**Ready, Set, Preschool! : Stories, Poems and Picture Games with an Educational Guide for Parents**

Book Condition: Brand New. Book Condition: Brand New.

[Save Book »](#)

**I'm 9 and I've Farted 46,021 times!: Terrific Trivia about Kids Your Age**

Macmillan Children's Books, 2011. Paperback. Book Condition: New. Rapidly dispatched worldwide from our clean, automated UK warehouse within 1-2 working days.

[Save Book »](#)