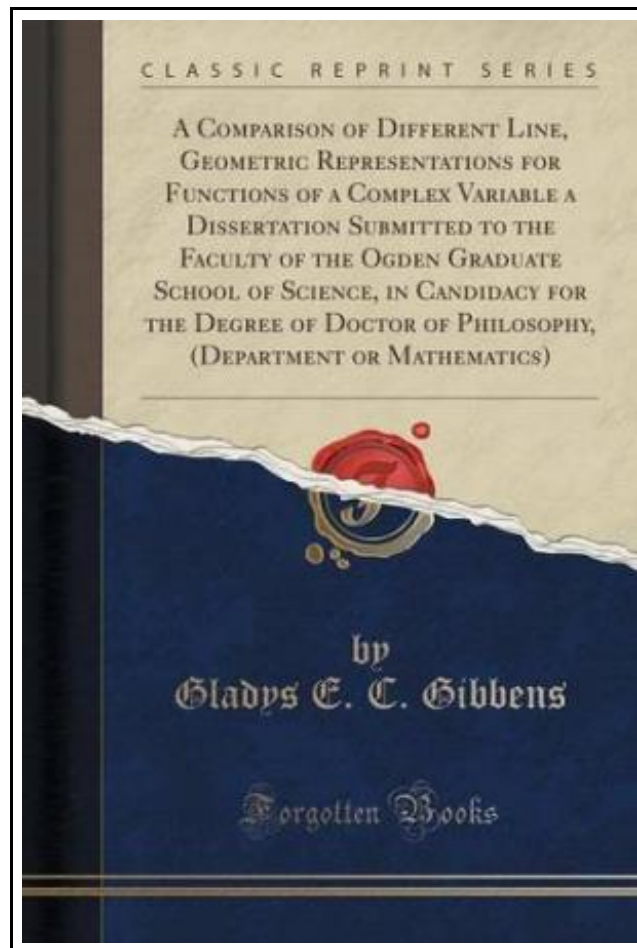


**A Comparison of Different Line, Geometric
Representations for Functions of a Complex Variable a
Dissertation Submitted to the Faculty of the Ogden
Graduate School of Science, in Candidacy for the Degree
of Doctor**



Filesize: 7.52 MB

Reviews

*Absolutely essential read through ebook. Better then never, though i am quite late in start reading this one. Your life span will likely be change once you total reading this article pdf.
(Jody Veum)*

A COMPARISON OF DIFFERENT LINE, GEOMETRIC REPRESENTATIONS FOR FUNCTIONS OF A COMPLEX VARIABLE A DISSERTATION SUBMITTED TO THE FACULTY OF THE OGDEN GRADUATE SCHOOL OF SCIENCE, IN CANDIDACY FOR THE DEGREE OF DOCTOR

DOWNLOAD



To download **A Comparison of Different Line, Geometric Representations for Functions of a Complex Variable a Dissertation Submitted to the Faculty of the Ogden Graduate School of Science, in Candidacy for the Degree of Doctor** eBook, make sure you refer to the web link below and save the document or gain access to additional information which might be related to **A COMPARISON OF DIFFERENT LINE, GEOMETRIC REPRESENTATIONS FOR FUNCTIONS OF A COMPLEX VARIABLE A DISSERTATION SUBMITTED TO THE FACULTY OF THE OGDEN GRADUATE SCHOOL OF SCIENCE, IN CANDIDACY FOR THE DEGREE OF DOCTOR** book.

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from **A Comparison of Different Line, Geometric Representations for Functions of a Complex Variable a Dissertation Submitted to the Faculty of the Ogden Graduate School of Science, in Candidacy for the Degree of Doctor of Philosophy**, (Department of Mathematics) Wilczynski has recently given two methods for constructing a congruence of lines determined by a functional relation between two complex variables, which enable one to visualize the properties of the function by studying the properties of the resulting congruence. In the first method, the two complex variables are represented upon two distinct planes, parallel to each other and a unit apart, the corresponding coordinate axes for the two planes being chosen parallel to each other in such a way that the two origins lie upon a line perpendicular to the two planes. If the points of the first plane are joined to the points of the second plane which correspond to them by means of a given functional relation $w = F(z)$, a two-parameter family, or a congruence, of straight lines is obtained. These congruences have certain characteristic properties which hold for the totality of analytic functions, and in addition, of course, special properties which depend upon the choice of the particular function $F(z)$. The developables and focal sheets of such congruences are always imaginary, except in a trivial special case, but some interesting real surfaces are closely associated with them. The second method of representation makes use of a Riemann sphere. The two complex variables are projected upon the same sphere, and points of the sphere corresponding to each other by means of the function $w = F(z)$ are joined by lines. The congruences obtained in...



Read A Comparison of Different Line, Geometric Representations for Functions of a Complex Variable a Dissertation Submitted to the Faculty of the Ogden Graduate School of Science, in Candidacy for the Degree of Doctor Online



Download PDF A Comparison of Different Line, Geometric Representations for Functions of a Complex Variable a Dissertation Submitted to the Faculty of the Ogden Graduate School of Science, in Candidacy for the Degree of Doctor

You May Also Like



[PDF] A Tale of Two Cities (Dover Thrift Editions)

Follow the link beneath to download "A Tale of Two Cities (Dover Thrift Editions)" file.

[Read ePub »](#)



[PDF] A Tale of Two Lesbians

Follow the link beneath to download "A Tale of Two Lesbians" file.

[Read ePub »](#)



[PDF] The Wolf Watchers: A Story of Survival (Born Free Wildlife Books)

Follow the link beneath to download "The Wolf Watchers: A Story of Survival (Born Free Wildlife Books)" file.

[Read ePub »](#)



[PDF] A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)

Follow the link beneath to download "A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)" file.

[Read ePub »](#)



[PDF] Pickles To Pittsburgh: Cloudy with a Chance of Meatballs 2

Follow the link beneath to download "Pickles To Pittsburgh: Cloudy with a Chance of Meatballs2" file.

[Read ePub »](#)



[PDF] The Joy of Twins and Other Multiple Births : Having, Raising, and Loving Babies Who Arrive in Groups

Follow the link beneath to download "The Joy of Twins and Other Multiple Births : Having, Raising, and Loving Babies Who Arrive in Groups" file.

[Read ePub »](#)