



## Parametric Surface

By Lambert M. Surhone

Betascript Publishers Jan 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - High Quality Content by WIKIPEDIA articles! A parametric surface is a surface in the Euclidean space  $R^3$  which is defined by a parametric equation with two parameters. Parametric representation is the most general way to specify a surface. Surfaces that occur in two of the main theorems of vector calculus, Stokes' theorem and the divergence theorem, are frequently given in a parametric form. The curvature and arc length of curves on the surface, surface area, differential geometric invariants such as the first and second fundamental forms, Gaussian, mean, and principal curvatures can all be computed from a given parametrization. 92 pp. Englisch.



**READ ONLINE**  
[ 8.59 MB ]

### Reviews

*This publication is great. I have study and that i am sure that i will planning to read once more again in the foreseeable future. You will like how the article writer write this publication.*

*-- Dr. Uriel Kovacek*

*This created ebook is great. it was writtern very properly and useful. Its been printed in an exceedingly easy way in fact it is just right after i finished reading this pdf where basically modified me, alter the way i think.*

*-- Aglae Becker*