



Transformations of Surfaces (Classic Reprint) (Paperback)

By Luther Pfahler Eisenhart

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Transformations of Surfaces During the past twenty-five years many of the advances in differential geometry of surfaces in euclidean space have had to do with transformations of surfaces of a given type into surfaces of the same type. Before this period Bianchi and Backlund had established their transformations of a pseudospherical surface into pseudospherical surfaces, the essential feature of which is that a given surface and any transform are the focal surfaces of a W congruence. Furthermore, Bianchi (Lezioni, 383) established the so-called theorem of permutability of such transformations; that is, if S_t and S_s are two transforms of S there can be found a fourth surface S which is a transform of both S_t and S_s . Later (footnote 41) he showed that there is a similar theorem of permutability for transformations such that a given surface and a transform are the focal surfaces of a W congruence. In 1899 Guichard (f. 11. 100) announced two theorems concerning the deformations of a quadric of revolution which led to the transformations of Darboux of isothermic...



READ ONLINE
[9.61 MB]

Reviews

Very good eBook and valuable one. This is for anyone who statte that there was not a worth reading. You will not truly feel monotony at at any time of your own time (that's what catalogs are for concerning if you question me).

-- **Ms. Ona Muller**

A top quality publication along with the typeface applied was exciting to read through. It can be rally interesting throgh reading through time. Your life period will be enhance once you full reading this article book.

-- **Prof. Demond McClure**