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# THE MATHEMATICS STUDENT



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KAEHLER

[Revised]

1. We take a  
 given covering by  
 system. The co-ordi-  
 nates are connected

where latin indices  
 determinant

Now by putting

where Greek indices  
 introduce a one-one  
 ( $x^a, \bar{x}^a$ ) may be consid-

The equations (1.1)

If we further put  
 take the values 1, 2, . . .

and the transformation

The Jacobian is

We denote the  
 dimensions  $n$  by  $C, D$