

Quasiconformal Mappings in Space

by

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By the Liouville Theorem every conformal mapping of a domain in the space \mathbb{R}^n , $n \geq 3$, is a restriction of a Möbius transformation. Thus the theory of conformal mappings is useful only in the complex plane. We give a brief introduction to the class of quasiconformal mappings. This larger class of mappings is an important tool in all dimensions in many applications.