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**surfaces in  $\mathbb{R}^n$  which  
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differential forms and an  
abstract version of the  
Stokes Theorem in  $\mathbb{R}^n$ .  
The conclusion section  
introduces readers to**

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**Riemannian geometry, which is used in the subsequent chapters. The second part reviews applications, specifically in variational quantum mechanics and relativity**

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**theory. Topics such as a  
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more general context. It  
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**later chapters describe a  
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integral, and deals with  
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completeness axiom. The  
continuity,  
differentiability,  
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series representation  
properties of functions*

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*of a single variable are  
established. The next  
few chapters describe  
the topological and  
metric properties of  
Euclidean space. These  
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*integration for  
functions of several  
real variables. Special  
attention has been paid  
to the motivation for  
proofs. Selected topics,  
such as the Picard*

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