

## **Contents**

Holomorphic functions satisfy the Cauchy-Riemann equations .....	2
Cauchy-Riemann $\Rightarrow$ holomorphic if the partials are continuous .....	3

**Holomorphic functions satisfy the Cauchy-Riemann equations**

**Cauchy-Riemann  $\Rightarrow$  holomorphic if the partials are continuous**