

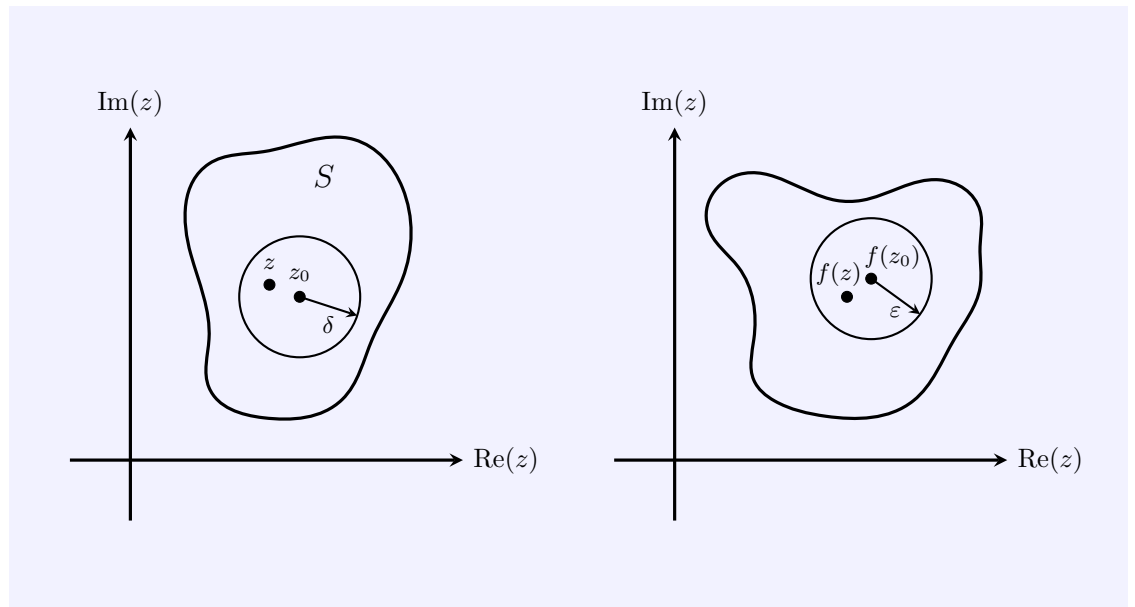
Figures Mathematical Techniques For Engineers

Complex Analysis

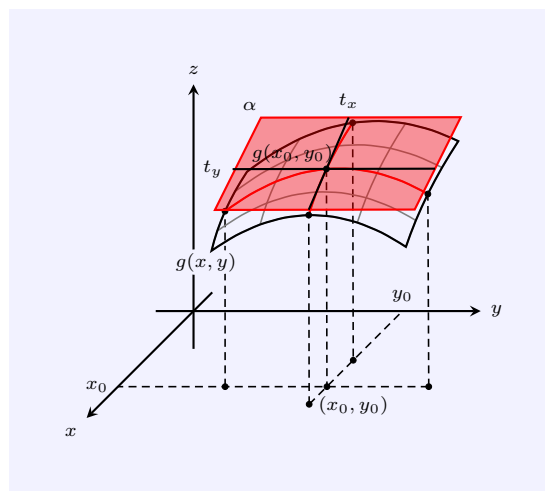
Felix Claeys, Brecht Verbeken, Simon Verbruggen

August 28, 2025

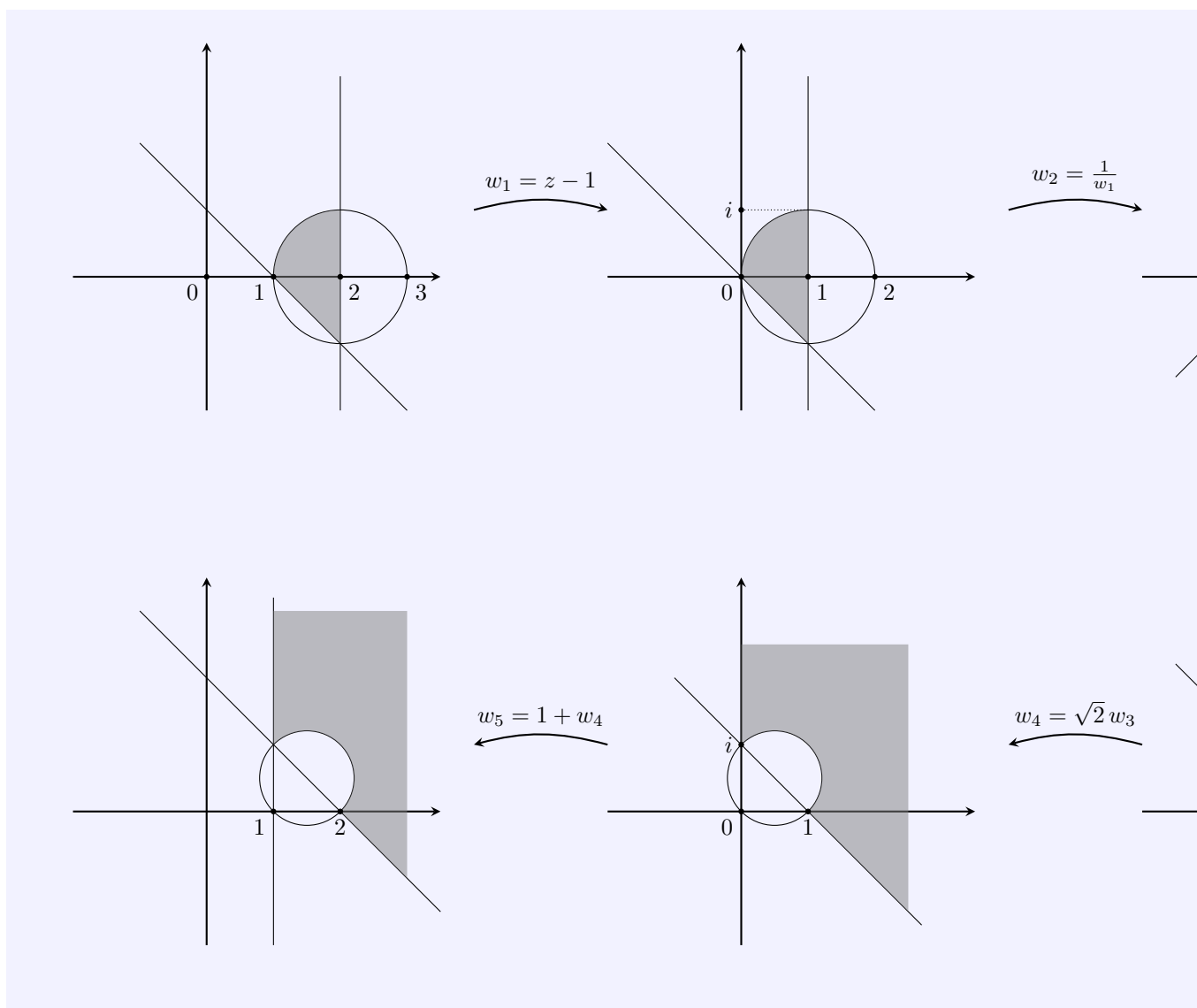
2.1.1 Continuity Definition



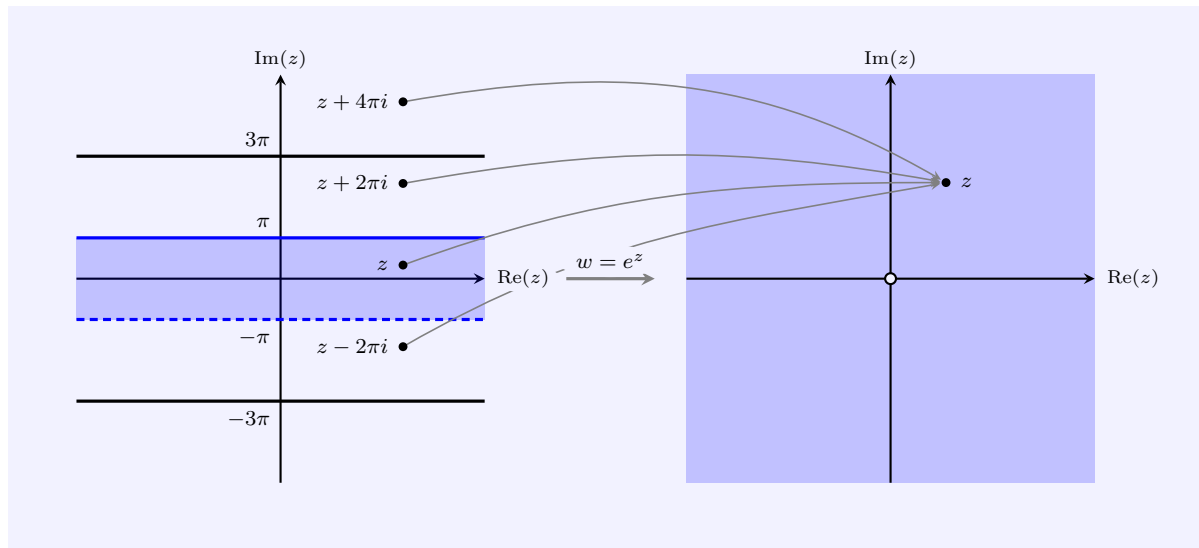
2.4 Geometrical Interpretation Of The Complex Derivative



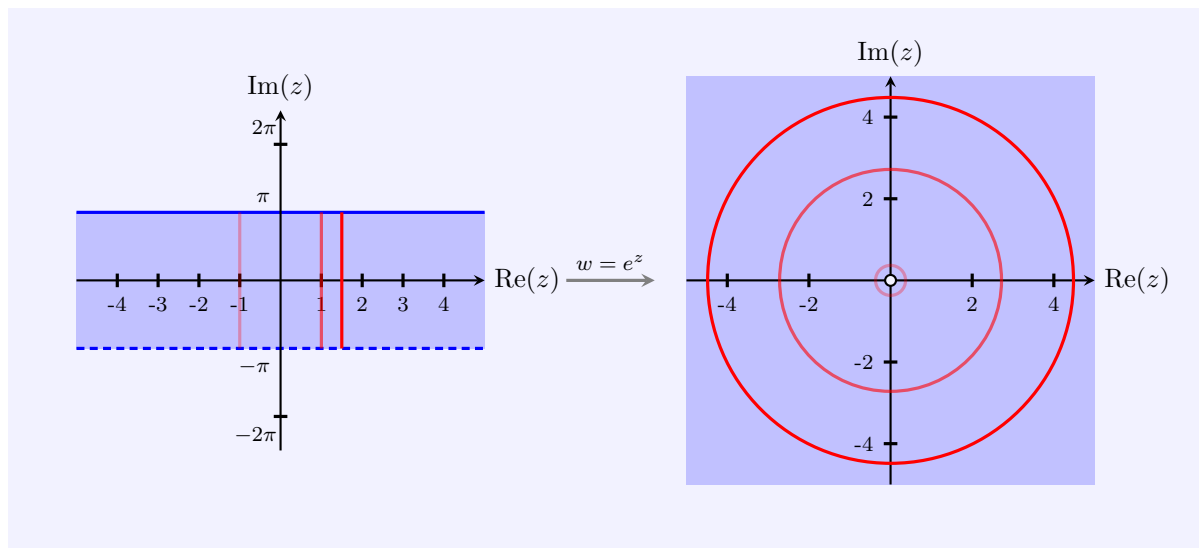
3.2 Bilinear transforms



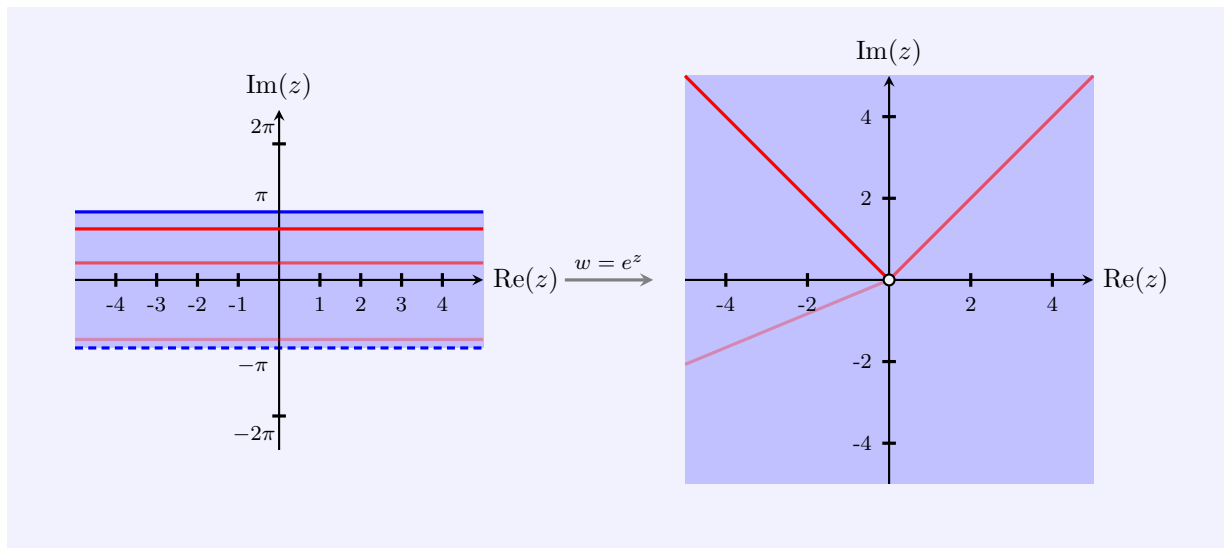
3.5.1



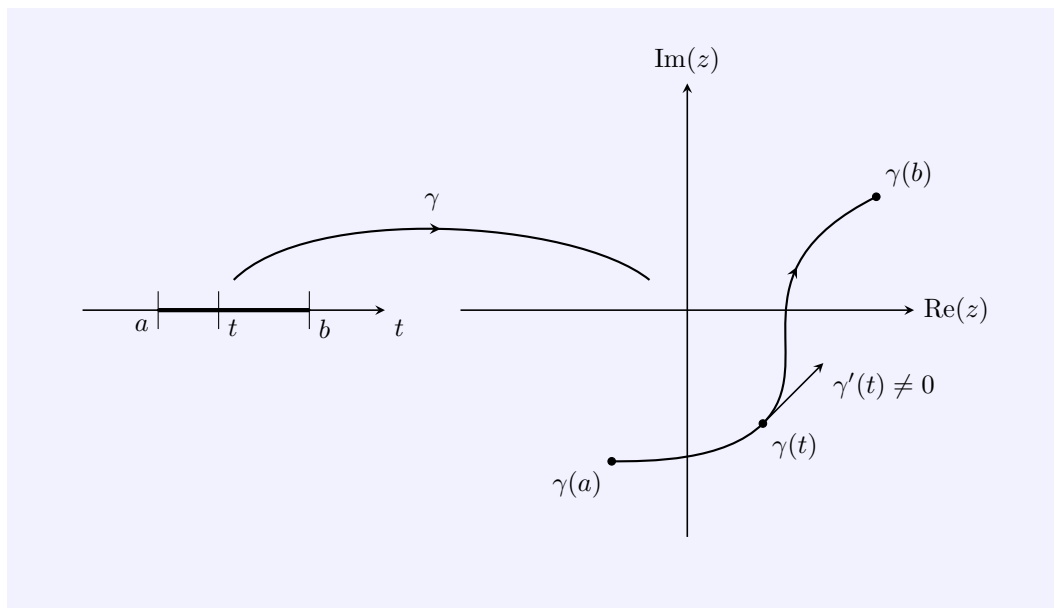
3.5.2



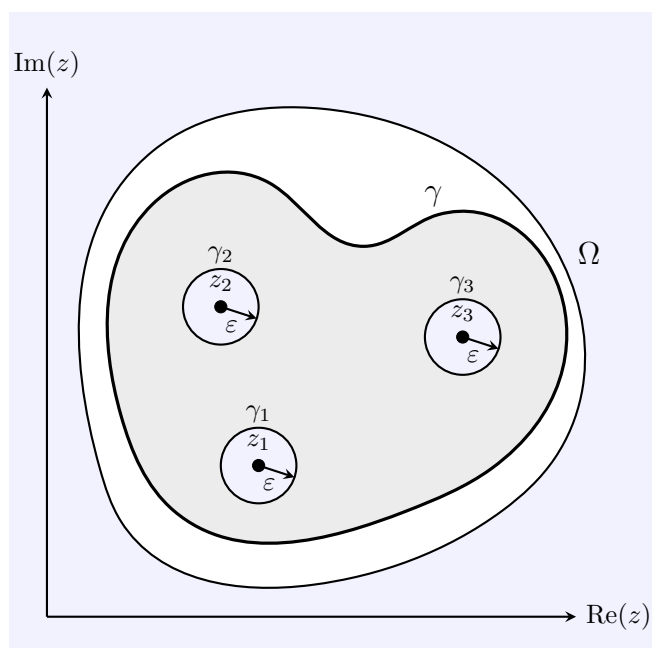
3.5.3



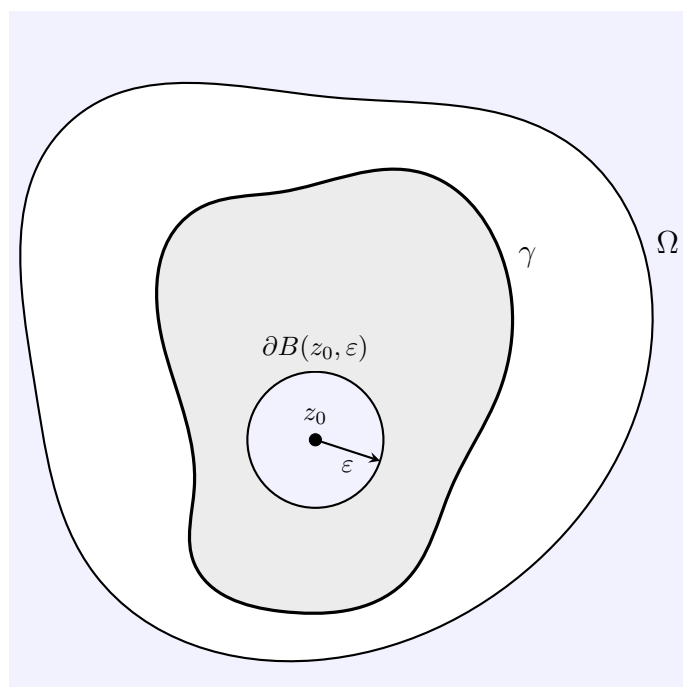
5.1.1



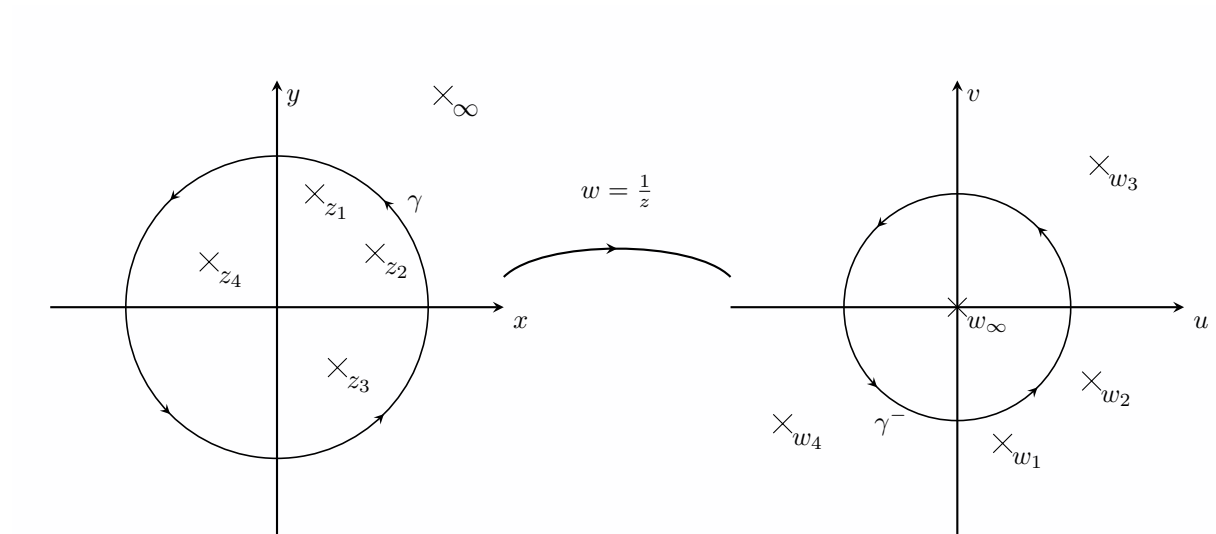
5.2.3



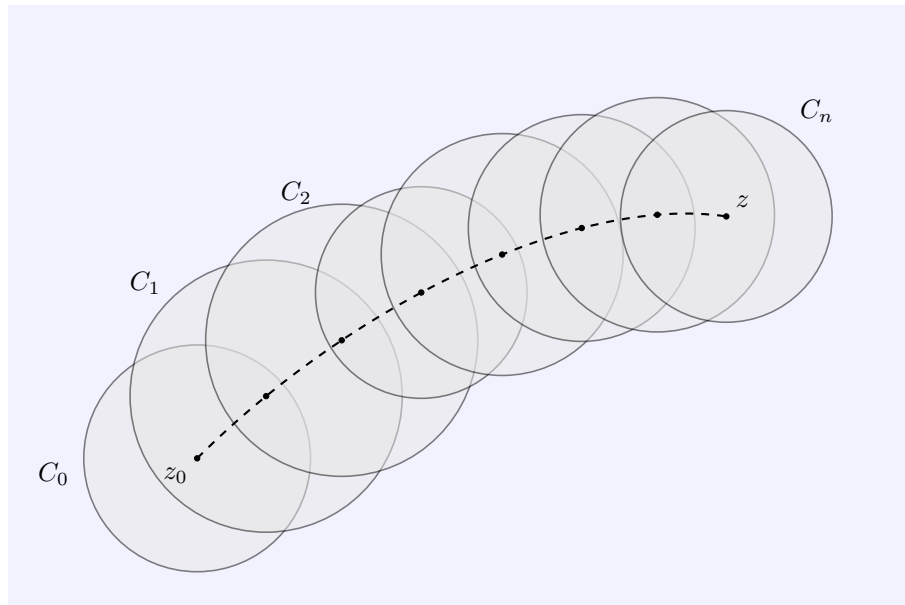
5.3 Cauchy integral formulas and consequences



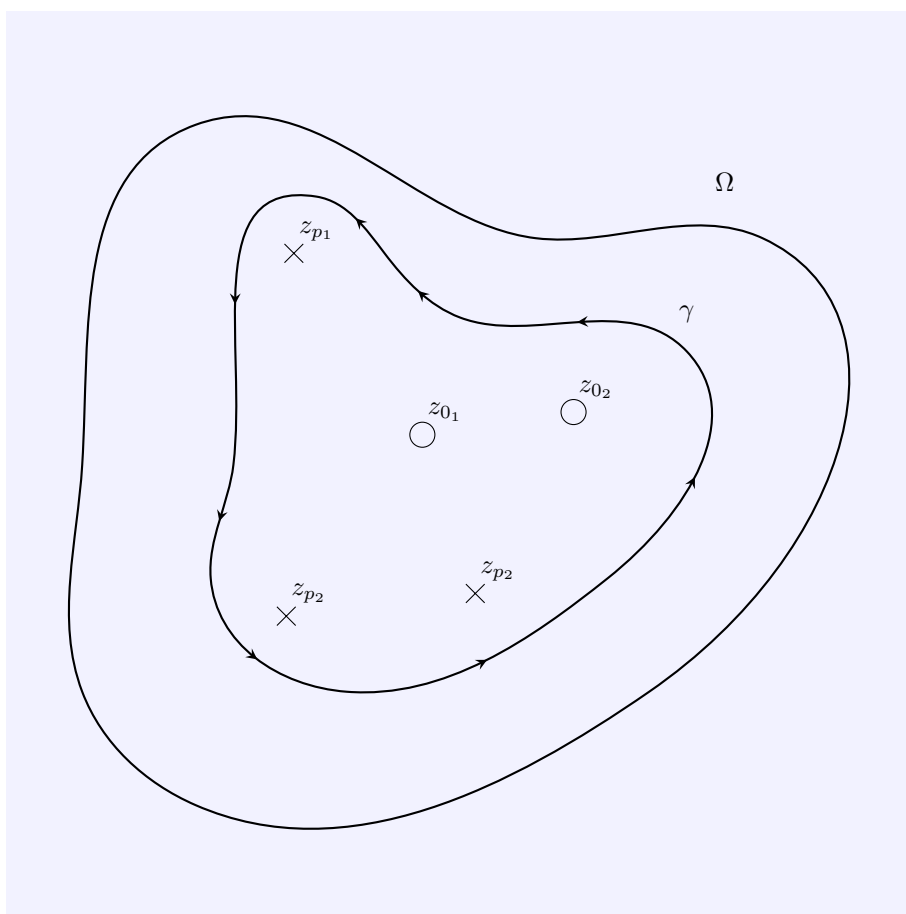
5.4.4



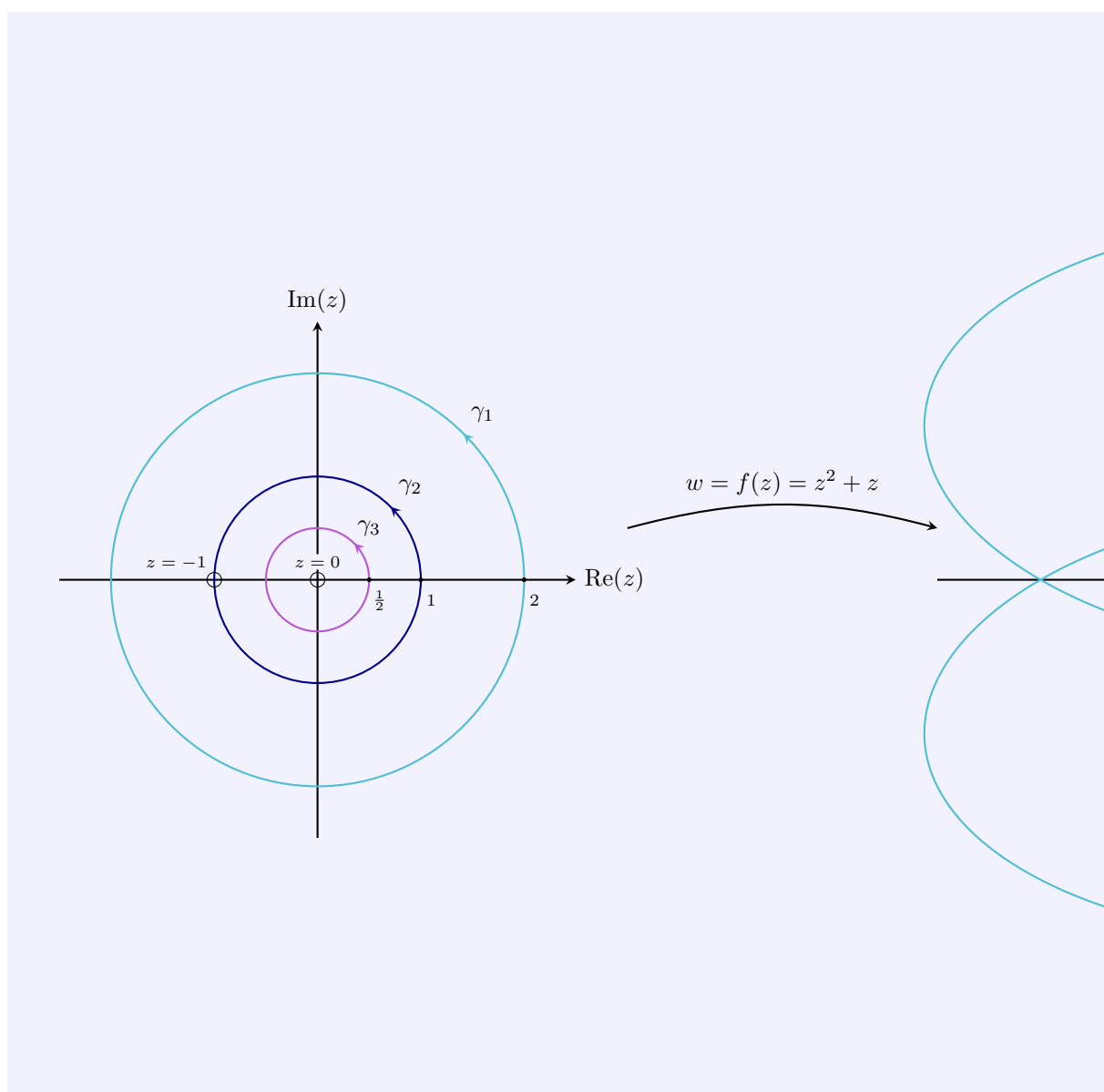
5.5.2 Uniqueness of holomorphic functions



5.6.2



5.6.3 Argument Principle



5.6.3 Rouches theorem

