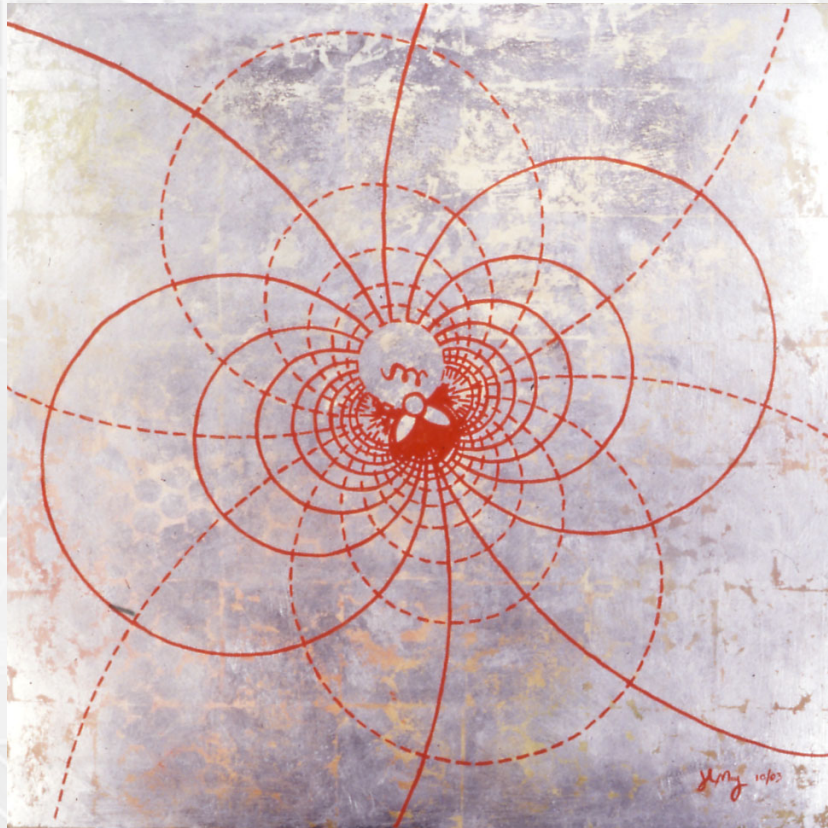


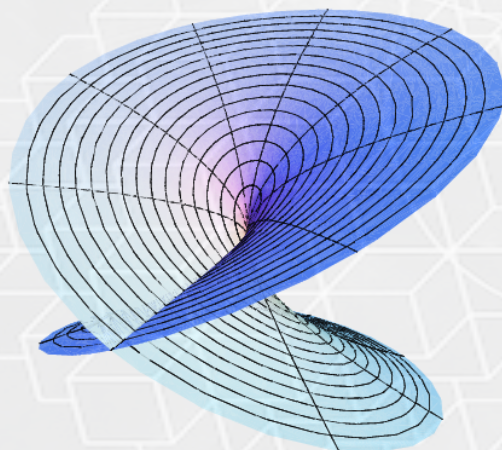
Complex Analysis

An Open-Source Textbook

by Russell W. Howell and John H. Mathews



A Möbius Transformation (<http://jacquelinemay.com>)



Riemann Surface for $f(z) = \sqrt{z}$



$$f^{(n)}(z_0) = \frac{n!}{2\pi i} \oint_C \frac{f(z)}{(z - z_0)^{n+1}} dz$$

Cauchy's integral formulas