

Math 4213 - Complex Analysis

Quiz #20 - 2012.03.30

Name: _____

1. What makes a mapping $w = f(z)$ conformal?

2. State which contour to use to compute the following integral:

$$\int_{-\infty}^{\infty} \frac{x^2}{(x^2 + 1)(x^2 + 4)^2} dx$$