

# Math 4213 - Complex Analysis

Quiz #13 - 2012.02.22

Name: \_\_\_\_\_

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1. Compute  $\int_{\mathcal{C}} z^2 - 2iz \, dz$ , where  $\mathcal{C}$  is the line connecting the points  $z_0 = 2 + i$  and  $z_1 = -1 - 2i$ .