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Problem 1.4

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Problem 1.4

0.0/2.0 points (ungraded)

Do the following functions of $z = x + iy$ satisfy Cauchy-Riemann conditions?

Check all which satisfy.

☐ $w(z) = x^2 + y^2$

☐ $w(z) = x^2 - y^2 + 2ixy$

☐ $w(z) = \frac{1}{x+iy}$

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