MATH 3503 - Winter 2025
Quiz 2

February 4, 2025

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1. Solve the 2nd order ODE $z''(t) = -2z'(t) - 2z(t)$; $z(0) = 2$; $z'(0) = -2$.   (4 Marks)

2. Is the equation $ye^x dx + xe^x dy = 0$ exact? If not, how do you make it exact? Solve for y. (6 Marks)