

Quiz 6

June Weiland

October 14, 2022

Problem 1. Consider the function $x^4 + 2x^3 - 12x^2 + 12x - 36$.

- (a) Find the largest open intervals on which the function is concave up.
- (b) Find the largest open intervals on which the function is concave down.
- (c) Find all inflection points.