Maple Project 3

Directions. This project is due in class on Monday, June 14, 1999 and will be attached to Quiz 3. Please prepare your project by modifying instructor provided templates.

1. The differential equation

\[ x^2 y'' + 6xy' + 6y = 0, \quad x > 0 \]

has a nontrivial solution \( f(x) = x^{-2} \). Write a Maple worksheet which finds a second linearly independent solution of (1).