

Transition-hw10

Due date: December 1

(1) Solve the following linear DE

(a) $y'' = 2y' - y$, $y(0) = y'(0) = 1$;

(b) $y'' = 2y' + y$, $y(0) = y'(0) = 1$;

(c) $y''' = 4y'' - 5y' + y$, $y(0) = y'(0) = y''(0) = 1$