HOMEWORK #15 (M427K FALL 2004)

INTRODUCTION

Use the method of variational parameters to solve (completely!!!) the following differential equations

1. SOLVE THE DIFFEQ (COMPLETELY)

$$y''(x) + 7y'(x) + 12y(x) = e^{5x}$$

2. SOLVE THE DIFFEQ (COMPLETELY)

$$y''(x) - 4y(x) = xe^{2x}$$