田 続き

(4)

基本解は(2)と同じ

n = A cosx + B sinx

n'=-A sinx + B cosx

" = - A cosx - Bsinx

(-A+6B+11A) COSX + (-B-6A+11B) SINX=X

10 A + 6 B = 0

 $A = -\frac{3}{68} \qquad B = \frac{5}{68}$

y= c, e3x cos x2t + c2 e3x sin x2t - 3 cosx + 5 sin x.