



8 2 dz + y 22 - nx (1) * 2 dy 1 # ay/dx-49-4=42 (Clairanty Eq.) * +(x,y) = xy + 2x + h(y) (None) ay to ax (Not exact) \$ 7(x,y)dx + xsiny dy = 0 (xcosy) \$ 5 ydy = 0 \$ (dy/dn) = (d2y/dn2+y)3/2 (Non linear) 8 y = Acosx + Bsinx and y(n) =5 (-1) \$ dy +y as x = sinx (linear) (D²-5D+6)y = Sin 3x (Non-homogenious) $\propto xM - yN = 3x^3y^3$ (None)

