2(1) 22y" +xy' +y =0  $V = \chi^2$   $V' = 2\chi, V'' = 2, V'' = 0$  U = y''SUB 2! Wzyn+1) sctny SUB3! =  $\chi^2$   $\chi^2$  (n2+1) =0

$$y = x^{3} \cdot e^{+x} \quad \text{fund } y^{(s)}$$

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$$y = x^{3} \cdot v^{1} = 3x^{2}, v^{11} = 6x, v^{11} = 6, v^{(4)}x^{2}$$

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$$y = (x^{10}) + nu(x^{10}) + (x^{10}) + (x^{10}$$