$(2)(1) = x^3 e^{4n}$	
y = { 1	
4 = 4° e 4x V" = 3x2	
4(n-1) = 4(n-1) 4 m V(2) = 6 m	
4(1-2) 2 4(1-2) 4x (1) 2 6	FREE S
40-3) = 4(0-3) 4m	
4 - 1 2	
y = 4 23 e x + n + 1 - 3 x 2 e x + n (n-1) 4 (n-2) 6 x e 4 x + n (n-1) (n-2) 46	3) 6e 4m
(5) (6) - 4- (4) 4- (2) - 4- (2)	1. 4m
y = 45) 23 e 4 + 5.4 (4). 3x2 e 4x + 5(5-1) 4 (3). 6x e 4x + 5(5-1) (5-2) 4 (2).	6e
20 6	
y (5) 2 4 23 e 4 + 15. 4 2 e 4 + 60. 4 (3) ne 4 + 60. 4 (2) e 4 n	
3.) n° d'y + ndy fy = 0	
$x^{2}y^{(2)} = f \times y^{(1)} + y = 0$	
Fer x² y (2)	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
(m) = 11(a+2) V = 22	
$\frac{d^{n} = y^{(n+1)}}{d^{n} d^{n}} = y^{(n+1)} \qquad x^{(n)} = 2\pi$	
yu' = y' $(a-2)$ (a) $(a-2)$ (a) $(a-2)$ (a) $(a-2)$ (a) $(a-2)$ (b) $(a-2)$ (a) $(a-2)$ (b) $(a-2)$ (b) $(a-2)$ (a) $(a-2)$ (b) $(a-2)$ (a) $(a-2)$ (b) $(a-2)$ $(a-2)$ (b) $(a-2)$ $(a-2)$ (b) $(a-2)$	
y = y V 2 2	
-: 2 y (n+2) + 2n x y (n+1) + An (n-1) y (n)	
for my (1)	
U 2 RV (1) V2 N	
(n) (n+1) (1) 1 2	
My(6-1) 2 y(1)	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
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