25-09-1027 Eusica Andre 6 R. 272 Surare Ex. 1) f(x)= 7= 1 8 (7) = 0 dr dx lm | x + Jx + 7 ln / y / = 1 + E CER la | x + Jx + 1 | y = c, (x+ Jx+1), c, 6 1R 11

8(7)=0 (=) y = c (x + Jx + 1), c c IR - sol. gen. Ex. 2) (7/+2 x 7 = x (7/0) = - = × (1-27) x - 2 x 7 = f(x) : g(7) 2 8 (7) \$ 0 dy = x (1-27) /: (1-27) \$6 dz = x dx 1 dy = 5 x dx 2 + - - lu 127-11= c.coll ln 12 y-71= - x + c, c, e 1R

127-7 1 = e . c., c. 6 PR 27-1 = 23 · e × , 23 6 1R €3. e × E 3 = - 1 =) => Y (x) = - 1/2 · e [=x.4) (y"- 4 y + 5 y = 5 x - 5 x + 2 Y(0)=7 N-2 N+5=0 A., L = 2 ± J-16 = 2 ± 4i 7 9 1 = 1 + 2 i = > ~= 1 B = 2 > 2 = 1 - 4 i => Y1 = e ros 2 x Yuze mizx

7(7)= c, e cos 2x + c2 e om 2x, KILLOR f(x)=5x-4x+2=3 P201 Yp = ax + b x + x 7p' = 2 G x + 6 La - 2 (2ax + b) + 5 | 4x + 5 x + e | 2 1 5 x - 4 x + 1 2 6 - 4 8 x - 2 6 + 5 9 x 4 5 6 10 7 5 6 2 = 5 × - 6 × + L 5 9 x + (5 5 - 4 9) x + 2 9 - 4 5 + 5 c: = 5 x - 4 x + 2 5 9 = 5 =) a = 1 56-14=-1 => == 2 9 - 2 5 4 5 6 2 2 => => Yp = x



