1) Z=X+Y) X=Z-W=W1(X,Y) W=Y) Y=W=W2(XY) 1 -1 = 1 = 5 g(2, w) = 26. (2-w) (w). 11 2(4,m) = {24(4m-n3) , 0(2<4,0<m/2 a) N(=)= {24(2n-n2) dn = 54 (2m-n2) dn = 24 [= 24 - 33] = 24 [= 24] = 24 = 623 $h(2) = \begin{cases} 42^3 & 0 < 2 < 1 \\ 0 & 1 < 3 \end{cases}$ $\frac{31}{10} h_{2}^{3} d_{2} = 2^{4} \Big|_{1/2}^{3/6} = \frac{31}{256} - \frac{1}{16} = \frac{63}{256} = 0.256_{0}$ 2) 2 = 4-X : kalan mikter => h(x) =? 3(2, w) = f(w-2), w). 151 $|-1| = -1 = 3 \quad |S| = 1 \quad S(2, w) = \begin{cases} 2 & o \in 2cw \\ 0 & 1 \end{cases} = -1 = 3 \quad |S| = 1 \quad S(2, w) = \begin{cases} 2 & o \in 2cw \\ 0 & o \in 3cw \end{cases}$ $|-1| = -1 = 3 \quad |S| = 1 \quad S(2, w) = \begin{cases} 2 & o \in 2cw \\ 0 & o \in 3cw \end{cases}$ $f(x_1) = \begin{cases} e^{-x_1}, & x_1 > 0 \\ 0, & dd. \end{cases}, f(x_2) = \begin{cases} e^{-x_2}, & x_2 > 0 \\ 0, & dd. \end{cases}$ XIVE X2 -> bogimsia => f(x1, x2) = f(x1), f(x2) $f(x_{1}, x_{2}) = \begin{cases} e^{-Cx_{1}+x_{2}} & x_{1}>0 \\ & x_{2}>0 \end{cases}$ Y= X1 +x2 X1=4142. 12 = x1 13 = x1 142 x1 16 = 9(4,42)=f(4,42,4,-(4,42),1-4,1 g(y1,y2)= (3,e-3, 5,00,0200 h(y,) = Jy, e-4, dyz = 4, e-4, h(yz) = (ye)dy, y, =u, e dy, =dv, du =dy, ,v=-e dy h(ye) = - ye = 10 - 10 - 10 - e dy = 0 + (-e-1) 10 = 0 + 1 = 0 + 1 = 1 g(y,142) = h(y,1, h(y2) oldujuna g ere 4, ve 42 C- degiskenler bagimosdir

(2)

$$\begin{array}{c} (3) = 17 \\ (3) = 17 \\ (3) = 17 \\ (4)$$

$$\frac{\partial^{2} M_{x}(t)}{\partial t^{2}} = \frac{Pe^{t}(3-qe^{t})^{2} - P.e^{t} 2(1-qe^{t})(-qe^{t})}{(1-qe^{t})^{4}}$$