$(X_1, X_2, ..., X_m \sim e^2)$ m'exalerine olla i = 72,..., n Yi = X1 + X2 + in + Xi fx: (x) = 2e-2x Z miezoleznosa: f_{x_1,x_2,\dots,x_n} = $\frac{1}{11}$ $\lambda e^{-\lambda x} = \lambda e^{-\lambda \frac{x_2}{12}x_1}$ Y2 = x1+x2 => X2 = Y2-Y1 Y3 = x7+x2+x3=> X3 = Y3 - Y2+Y7 - Y1 = Y3 - Y2 Y = Z X2 => X = Y - Y2 -7 $\int = \left| \frac{dx_n}{dy_n} - \frac{dx_n}{dy_n} \right| = \left| \frac{7}{2} \right| = 7$ $\frac{dx_n}{dy_n} - \frac{dx_n}{dy_n} = 0$ y x, y, (y, y2, yn) = f, (xx(Y,...), x2(Y,...), ...) 1)] =

= 2ne-2(Y1+ 2 (Y1-Y1)) = , 2ne-24n

2 0 < 9, < 4, < ... < 82 fyn (gru) = 2 ne -2 yn fx (ym) = for som of the sound = 2 m = 2 yn 9 m yn - 9 m dy olyz ... ol yn = 2 m = 2 yn f ... f \frac{y_3}{2} oly3 olya/i... olym = = 2 m e 2 yn f - f 4 2 3 dyn ... dyn = 1= 2n = 2 yn yn (m-1)!

 $=\int_{6}^{3}\int_{0}^{3}(1-yz)\,dy\,dz=\int_{6}^{3}1-\frac{z}{2}\,dz=\left[z-\frac{z^{3}}{9}\right]_{0}^{3}=7-\frac{7}{9}=\frac{3}{9}$

 $f_{1} = f_{1} = f_{1$

9 Z= X f(x,y)=7 0 < x,y < 7 7 = 1 v = 1 = v 10 062 61 1 SNE VE (0, 1) 2° \$1(7 ∧ v∈(0, 2) $g_{2}(2) = \begin{cases} \int_{0}^{2} V dV = \frac{1}{2} \\ \int_{0}^{2} V dV = \frac{1}{2z^{2}} \end{cases}$, 2 = [0,1] , z e (1, D)