Janua Janes ONI 0600041 Scagcara 1. $f(x,y) = xy^2 e^{2x^2-y^2}$ $\frac{3x}{6x} = y^2 e^{-2x^2-y^2} - 4x^2y^2 e^{-2x^2-y^2} = y^2 e^{-2x^2-y^2} (1-4x^2)$ $\frac{3x}{3y} = 2yx \cdot e^{2x^2-y^2} - 2yx e^{-2x^2-y^2} = 2xy e^{-2x^2-y^2} (1-y^2)$ 1. y=0, $x \in \mathbb{R} = 7$ T. (x_10) 2. $y \neq 0 = \frac{1}{x(1-y^2)=0}$ $x = 0 = \frac{1}{x(1-y^2)=0}$ $x = 0 = \frac{1}{x(1-y^2)=0}$ $x = 0 = \frac{1}{x(1-y^2)=0}$ 22 = (2x-10g2x + 4xg4)=2x2-y2-xe2x2-y2(4g4-10g2+2) 32f = 2x2y2 (2y +8y3x2-8yx2-2y3) = x46-yx-2, (-172+162x) $\Delta(A) = \begin{vmatrix} 32 & 28 \\ 3x^2 & 3x^3y \end{vmatrix} = \left(-4.1 - 8.1 + 16.1\right) e^{2.1 - 12}.$ $(-) \quad A(A) = \begin{vmatrix} 32 & 28 \\ 3x^2 & 3x^3y \end{vmatrix} = \left(-4.1 - 8.1 + 16.1\right) e^{2.1 - 12}.$ $(21 - 10.1 + 4.1) e^{-21 - 1}.$ $(2.-8.1 - 2 + 8.1)e^{-21-1} = 8e^{-3}$ $(2.-8.1 - 2 + 8.1)e^{-21-1} = 8e^{-3}$ -4e 2 ×0, roe croo 10v. maxenage 2) 7. 13(-1/1) CON-HB. COLBERT STATE OF THE ST Т.В с лонален. шининди., строг.

