Examen analiza matematica Anghalus Grina-Cosmina YOF BOX 1. Em.an, a 20 08012m pu= w.o. Folosind outerine reportului D'Alembert => Cim bon = Cim (n+1). and = = Pim a. m+1 = Pim a. shk+ ti) = Pim a. my = L=a=) seria 2 m.an este convergentà n=0 nentru ocaci Seria E man este divergenta M=0

pentru a > 1 2. Show dx Works = (x) = x. onx Lunctia I un este de Linita mo o mi sindochui ette Boulophui c

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Obstant
$$y > 0$$

$$| (y) = \int_{1}^{2} \frac{1}{x \cos x} dx = \int_{2}^{2} \frac{(\cos x)^{2}}{\cos x} dx = \int_{2}^{2} \frac{$$

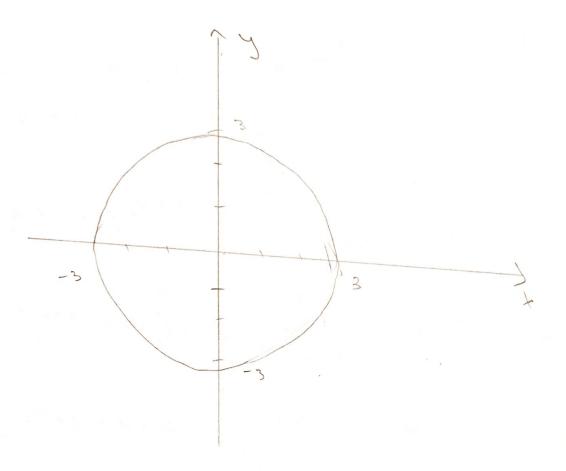
$$D_{1} = \frac{\partial \mathcal{L}}{\partial x^{2}} = 2 > 0$$

$$D_{2} = \frac{\partial^{2} \mathcal{L}}{\partial x^{2}} \frac{\partial^{2} \mathcal{L}}{\partial x^{2}$$

から (かり)から

$$\frac{\partial x}{\partial x^{2}} = \frac{\partial x}{\partial x} \left(\frac{\partial x}{\partial x} \right) = \left(\frac{\partial^{2}(x^{2})}{\partial x^{2}} + \frac{\partial^{2}(x^{2})}{\partial x^$$

6. Den(1+x2+32) dxdy, (b): x2+32 68



$$= \int_{-\pi}^{\pi} \left(\int_{0}^{3} e^{-(x+p^{2})} dp \right) d\theta$$

$$= \int_{0}^{\pi} \left(\int_{0}^{3} e^{-(x+p^$$