Sumi mar 13

m 1

I tud. comerginta (natura) um. megnale

ننعرصرسة

$$\int_1^\infty \frac{1}{x^{n+1}} dx$$

$$L) \int_{1}^{\infty} \frac{1}{x^{1}-1} dx$$

$$z) \int_{1}^{\infty} \sin \frac{1}{x^{5}} dx$$

1x 2

Followind functions
$$\Gamma$$
 or Γ and Γ and Γ and Γ and Γ

$$L) \int_{-\infty}^{\infty} e^{-x^2} dx$$

e)
$$\int_0^\infty \int_{\mathcal{X}} \cdot e^{-\chi^3} d\chi$$

d)
$$\int_0^1 \frac{x^2}{\sqrt{1-x}} dx$$

Determinati

- a) IIA x dx dy, A = [-1,2] + [3,4]
- 1.) $\iint_A x dx dy$, mor A est multiment plane marginità de $y = x^2$ of y = 2x + 3
- d) $\iint_A y dx dy$, and A est multimea plana marginità du $x = -y^2$, y = x si y = 1
- e) $\iint_A y dx dy$, and A est multimes

 plane marginità de x=0, y=1, $y=3\sqrt{2}$, x=y
- 4) $\iint_A x dx dy$, under A este multimes plana marginità de ΔOBC , O(0,0), B(1,-1), C(1,1)