4.1  
2. 
$$\gamma^2 = 0 = p(x=0, y=0) = \frac{1}{4}$$
  
 $\gamma^2 = \frac{1}{4} - p(z=0) = \frac{3}{4}$ 

5. huy) = 1/x

Truy) = (LJx)2

fry7= 分加なcsmx ,一次cxcを

$$f_{z} = \int_{0}^{2\pi} \int$$

1. J. > e - > dy = 1 Tk, 1) = 12e-4, 0=x==, 4>>  $\int_{0}^{1} \frac{1}{2} \int_{0}^{2} \frac{1}{2} \frac{1}{2}$  $f_{z(z)} = \frac{3f_{z(z)}}{4z} = \int_{z(e^{z}-1)}^{z(z)} \frac{2-2e^{-z}}{2e^{z}(e^{z}-1)} = \frac{2-2e^{-z}}{2z^{2}}$   $0, \quad \text{the}$ 

$$\int_{0}^{2\pi} \int_{0}^{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \frac{2\pi}{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \frac{1}{2\pi$$

意心: 1. 水在10,71上服从约9分 本下SMX 阳极降条人

> Fry>= Pfxsy = pfsmx=yq

= Pfox X = arcsmy ] + Pfa-arcsmy = XSA) = 2arcsmy fyly) = dfx by = 1 Tyry) = Tyry