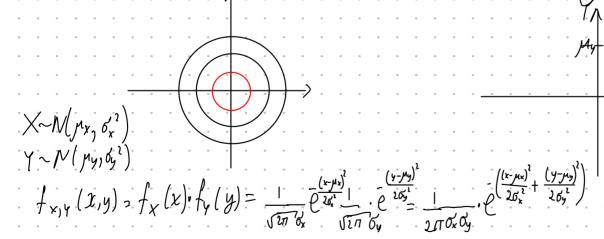
$$\int_{0}^{1} \left(1 - F_{2}(z)\right) dz = \int_{0}^{1} \left(1 - F_{2}(z)\right) dz = \int_{0}^{1} \left(1 - \frac{2}{17}\right) dz = 4.31$$

$$X, Y \sim N(0,1)$$
  
 $f_{x,y}(x,y) = f_{x}(x) f_{y}(y) = \frac{1}{\sqrt{2\pi}} e^{\frac{x^{2}}{2}} \cdot \frac{1}{\sqrt{2\pi}} \cdot e^{\frac{y^{2}}{2}} = \frac{1}{2\pi} e^{\frac{-x^{2}+y^{2}}{2}}$ 



Pory a Socieca

A: - pasturent I

P+(A||B) = 
$$\frac{P_{+}(A)}{P_{+}(A)} P_{+}(B|A)$$
 $\sum_{i} B_{i}(A_{i}) P_{+}(B|A_{i})$ 
 $\sum_{i} B_{i}(A_{i}) P_{+}(A_{i}) P_{+}(A_{i})$ 
 $\sum_{i} B_{i}(A_{i}) P$ 

