Esercizio 7

sabato 8 maggio 2021

Esercizio 5

sabato 8 maggio 2021 20:32

$$P(A) = \frac{1}{3}$$

E TRUCCATO?

$$\rho(A) = \frac{|A|}{|A|} = \frac{2}{6} = \frac{1}{3} = \frac{1}{3}$$

NON & TRUCCATO

A e B indi penbeum

$$P(A \cap B) = P(A) \cdot P(B)$$

$$P(A) \cdot P(B) = \frac{1}{3} \cdot \frac{1}{2} = \frac{1}{6}$$

$$P(A \cap B) = \frac{1}{8}$$

Now Sous indipendenti

(c) August esserba indipendenti

$$P(AUD) = P(B) - P(ADB)$$

= $\frac{1}{3} + \frac{1}{2} - \frac{1}{8} = \frac{\theta + 12 - 3}{24} = \frac{17}{24}$

P(AU(BnB))= P(A): 3

essendo eventi incompotibili Vole Ll A ODITIVITA

$$= P(A \wedge B) + P(A \wedge B) = P(A \wedge A \wedge B \wedge B)$$

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$$= \frac{P(A) - I(Ang) + P(B) - P(A \cap B)}{1 - \frac{1}{3} - \frac{1}{8} + \frac{1}{2} - \frac{1}{8} = \frac{1}{3} + \frac{1}{4} = \frac{7}{12}$$