אתמיקה ביסקתיית

Result :- the false false along A in A less that A in A sk A= {1,2,3} -: 2023

> רוביא: - הוכיחו את הלאות הבאות:- $(A|B) \setminus C \subseteq A \setminus (B|C) \cdot E$

. (AUB) \ C = (A/C) U(B/C). 2

 $A \oplus C \subseteq (A \oplus B) \cup (B \oplus C)$. 2

 $P(A \cap B) = P(A) \cap P(B) \qquad .3$

AOC = (A/C) U(C/A) =(AUC)\(ANC)

 $x \in A(B|C)$ -e aby the $x \in (A|B)(C)$ is it -: |B|C $x \notin C$ D21 $x \in A \setminus B$ $x \in (A \setminus B) \setminus C$ $x \notin B$ D21 $x \in A$ $y \in A \setminus B$ $x \notin C$ D21 $x \notin B$ D21 $x \in A - e$ $y \in A \cap B$ $X \in A \setminus (B \setminus C)$ Slu $X \in A$ DZI $X \notin B \setminus C$ JSC $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus C \subseteq A \setminus (B \setminus C)$ Score $(A \setminus B) \setminus (A \setminus C)$ Score $(A \setminus C) \setminus (A \setminus C)$ Score $(A \setminus C)$ Score $(A \setminus C) \setminus (A \setminus C)$ Score $(A \setminus C)$ Score $(A \setminus C) \setminus (A \setminus C$

C. CE FROM REIGHT ET FRICH COR FILL ST. FRICH COR FILLS $X \in AUB$ $X \notin AUB$ $x \in A \setminus C$ | $x \notin C$ -e $y \ni x \in (a \setminus C)$ | $x \in A \setminus C$ | $x \in A \setminus C$

$$x \in (A \setminus C) \cup (B \mid C) \quad \text{and} \quad T = B \mid C$$

$$y = (A \setminus C) \cup (B \mid C) \quad x \neq C \quad -e \quad \text{als} \quad : x \in B \quad (ii)$$

$$x \in (A \setminus C) \cup (B \mid C) \quad x \in A \quad (ii) \quad x \in A \mid C$$

$$x \in (A \setminus C) \cup (B \mid C) \quad \Rightarrow \quad \cdot : (A \mid C) \cup (B \mid C) \subseteq (A \cup B) \mid C \quad \Rightarrow$$

$$x \in B \mid C \quad \text{ik} \quad x \in A \mid C$$

$$x \in A \cup B \quad \text{is} \quad x \in A \cup C$$

$$x \in (A \cup B) \mid C \quad \leftarrow$$

$$x \in (A \cup B) \mid C \quad \leftarrow$$

$$x \in (A \cup B) \mid C \quad \Rightarrow \quad \Rightarrow c$$

$$x \in (A \mid C) \cup (B \mid C) \subseteq (A \cup B) \mid C \quad \Rightarrow \quad \Rightarrow c$$

$$x \in (A \mid C) \cup (C \mid A) \quad \Rightarrow c \in (A \mid C) \cup (C \mid A)$$

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$$x$$

 $X \subseteq A \cap B$ poin the XeP(A) $X \in P(A \cap B)$ in $X \in P(A) \cap P(B)$ is $X \in P(B)$ on $X \in P(A) \longrightarrow X \in B$ on $X \in A \longleftrightarrow X \in P(A) \cap P(B) \longleftrightarrow$

. neste kf. (i) mynd nns (ii)

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X \in P(B) on X \in P(A) \leftarrow X \in P(A) \cap P(B) \rightarrow P(A) \cap P(B) \subseteq P(A \cap B)
                 XEP(ANB) - XEANB - XEB NOI XEA
                      אחר הארפת האר הארץ ארן הארפאר הקראבית שארן ארץ ארן הארפאר הקראבית שארן A \times B := \left\{ (a,b) : a \in A \text{ per beB} \right\} -: אבא וארן ארץ
Sh B = \{1, \{1\}\}^2, A = \{\phi, \{\phi\}, n) \neq \{0\} for \{e_1, e_2, e_3\} A \times B = \{(\phi, 1), (\phi, \{1\}), (\{\phi\}, 1), (\{\phi\}, \{1\}), (n) \neq (n), (n) \neq (n)\}\}

A \times B = \{(\phi, 1), (\phi, \{1\}), (\{\phi\}, 1), (\{\phi\}, \{1\}), (n) \neq (n), (n) \neq (n)\}\}

A \times B = \{(\phi, 1), (\phi, \{1\}), (\{\phi\}, 1), (\{\phi\}, \{1\}), (n) \neq (n)\}\}
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       . The fix sk, jin tik ok \ll . 3

. J'N' tik sk, love tilk ok \Longrightarrow . 4

4-13 le pile mili . ok pri ok \Longleftrightarrow . 5

. 20:2
                                                                             . Sof ¥ .6
17. ∃ .7

\begin{array}{lll}
        & \sum_{i=1}^{n} A_{i} = A_{i} \times A_{2} \times A_{3} \times ... \times A_{n} = \begin{cases}
          (a_{1}, a_{2}, ..., a_{n}) : a_{1} \in A_{1}, ..., a_{n} \in A_{n} \end{cases}

\begin{array}{lll}
        & \sum_{i=1}^{n} A_{i} = A_{i} \times A_{2} \times A_{3} \times ... \times A_{n} = \begin{cases}
          (a_{1}, a_{2}, ..., a_{n}) : a_{1} \in A_{1}, ..., a_{n} \in A_{n} \end{cases}

 The Ai Ai Air
                                                     SkI \quad A = A_1 = A_2 = ... = A_n \text{ ok } *
\underbrace{A \times A \times ... \times A}_{p' n' b b - n} = A^n = \left\{ (a_1, ..., a_n) \mid a_1, a_2, ..., a_n \in A \right\}
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In the state of t $\mathbb{R}^3 = \left\{ (x,y,z) \mid x,y,z \in \mathbb{R} \right\}$ בר האחום החלת-היהכי שלנו חיים בו.

$$P(A) \cap B = 1$$

$$P(A) \cap P(B) = 2$$

$$P(B)(A \times A) = 3$$

$$P(A) \cap B = 3$$

$$P(B) \cap B = 3$$

nk 1631. B= {2,51,2}} , A= {1,2,52}} nrop -: (27)

$$\bigcap_{n \in \mathcal{N}^+} A_n = \emptyset$$