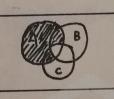


光彩 数学作业纸

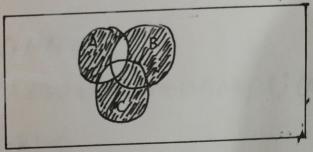
班级 计71 姓名 张程范 编号2017011年29科目 莴苣 第

To B = P(P($\{\phi\}$)) = P($\{\phi, \{\phi\}\}$) = $\{\phi, \{\phi\}, \{\{\phi\}\}\}, \{\phi, \{\phi\}\}\}$.

川是;是(2)是;是(3)是;是



(3)



Tro. (1) (BNC)-A (2) (-(AUBUC)) U (ANBNC)

Til (1) $\phi \cap \{\phi\} = \phi$; (2) $\{\phi, \{\phi\}\} - \phi = \{\phi, \{\phi\}\}\}$;

(3) 「中、「中子」 - 「中子」 - 「中子」 (4) 「中子」 - 「中」 -

- (5) PCA) = { \$\phi, \{1\}, \{4\}, \{1\,4\}\} PCB) = \{\phi, \{1\}, \{2\}, \{1\}, \{1\}, \{1\,2\}\}\}
 PCA) PCB) = \{\{4\}, \{1\,4\}\}.
- Tis cs): $AUC = \{6, 1, 2, 3, 6, 7, 8, 9, 12, 15, 18\}.$ $B (AUC) = \{4, 5\}.$
 - TIS (1) 原式= \cup { $\{\phi, \{\phi\}\}, \{\phi\}\}\}$, $\{\phi, \{\phi\}\}\}$, $\{\phi, \{\phi\}\}\}$, $\{\phi, \{\phi\}\}\}$, $\{\phi, \{\phi\}\}\}$.
- (2) 原式= \bigcap { $\{\phi, \{\phi\}\}, \{\phi\}\}, \{\phi, \{\phi\}\}\}, \{\phi, \{\phi\}\}\}, \{\phi\}\}$ = $\{\phi\}$.



- $A (B \cup c) = (A B) \wedge (A c) = (A \cap B) \wedge (A \wedge c) = A \cap (B) \wedge (c c)$ $= (A B) \wedge (-C) = (A B) C.$
 - $(A-c)-(B-c) = (A \cap -c) \cap (\bullet B \cap -c)$ $= (A \cap -c) \cap (\bullet B \cup c) = (A \cap + c) \cap (-B) \cup (A \cap c -c) \cap c$ = (A-B)-C

 - (4). (O若ASCABSC施、 ∀x, x&AUB⇔ X&A V X&B⇒ X&C;
 ③若AUBSC, ∀x, x&A⇒ X&AUB⇒ X&C;

 X&B⇒ X&AUB⇒ X&C;

 為こ人BSC (会) AUBSC C.

 - [6). ① ANB=中成立, VXEA, XEA→ (XEA-CANB) => XE -(ANB) => XEI-B
 - ② A C B 对 to A x + B ⇒ x + B ⇒ x + A ⇒ x + A → x + A

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(1) $A-B=B \Rightarrow B \neq \phi \Rightarrow A-\phi=\phi \Rightarrow A=\phi=B$

- $(3) \quad A = B \qquad (3) \quad A = B$
- (4) $A \oplus B = A = B A = B A = B = \emptyset$.

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- (1) (ANB) N (Anc) = \$\phi\$ (ANB) C = \$\phi\$.
- (2) (=) A C B A A C (BAC)
- (3) A = (BUC)
- (4). A-B = A-C.

Tab: (1) A=中 V B=中, 若A.B均非空则 AXB有元素.非空

(2) A= Ø为 A=A×A 元要条件.

了8: A1= [{x| 1≤X≤>>0 且 () 要除}

A= {X (=X => 10 且 X 可被 3整阵}

A3 = {X| Y=X =270 且 X 可級5整節}

|A1 + 1A2 + 1A3 - | A1 A A3 - | A2 A3 | - | A1 A3 + [A1 A2 A3] = 125+83+50-41-25-16+8=1847