支 AVB 等 ANB 差 A-B= {×, ×GA且×4B} AR

对称A A US = (A-B) V (B-A) (例) A B

 $\bigcup_{\alpha \in \mathbb{Z}} A_{\alpha} = \{x, \exists \alpha \in \mathbb{I} \text{ s.t. } x \in A_{\alpha}\}$ $\bigcap_{\alpha \in \mathbb{Z}} A_{\alpha} = \{x, \forall \alpha \in \mathbb{I} \text{ s.t. } x \in A_{\alpha}\}$

君 BCA A-B-leab (LeB)

①交換律

ANB=BNA

AUB=BVA

5岁5月

AU(BVC) = (AVB)VC An(BnC) = (AnB)nC

(可性繁友挨)

多分面已律

 $A \cap (B \vee c) = (A \cap B) \vee (A \cap C)$

AV(BAC) = (AVB)A(AVC)

证A=B 与证复合

X是基本集(集他的有集生都是X子集)

X-A= lexA

De Morgan:

没X是一基本集及{Aa}

$$\mathbb{O}$$
 le $(\bigcup_{\alpha \in I} A_{\alpha}) = \bigcap_{\alpha \in I} (\ell_{\alpha} A_{\alpha})$

$$\Rightarrow \times G = (A_{\alpha})$$
 $\Rightarrow \times G = (A_{\alpha})$

$$\frac{\partial \mathcal{L}}{\partial \mathcal{L}} = \frac{\partial \mathcal{L}}{\partial \mathcal{L}} = \frac{\partial$$

和人;

$$\frac{1}{1} \frac{1}{1} \frac{1}{1} = \frac{1}{1} \times 0 \leq x \leq H_{A}$$

$$\frac{1}{1} \frac{1}{1} = \frac{1}{1} \times 0 \leq x \leq H_{A}$$

Pr:
$$A_1 > A_2 > A_3 - \cdots$$

$$= > \bigwedge_{i=1}^{n} A_i = A_n$$

ATYN AND
$$\{x, 0 \le x \le 1\}$$

$$\Rightarrow \bigwedge^{\infty} A_i \supset \{x, 0 \le x \le 1\}$$

$$= 7 \left\{ \times, 0 \leq \times \leq 1 \right\} \supset \bigwedge_{n=1}^{\infty} A_n$$

$$(2) \qquad \bigwedge_{n=1}^{\infty} A_n = \emptyset$$

$$\mathbb{R}^{j} \bigwedge_{i=1}^{n} A_{i} = A_{n} , \qquad \bigwedge_{n=1}^{\infty} A_{n} = \{0\}$$

$$= (0, 14) = \sqrt{4n}$$