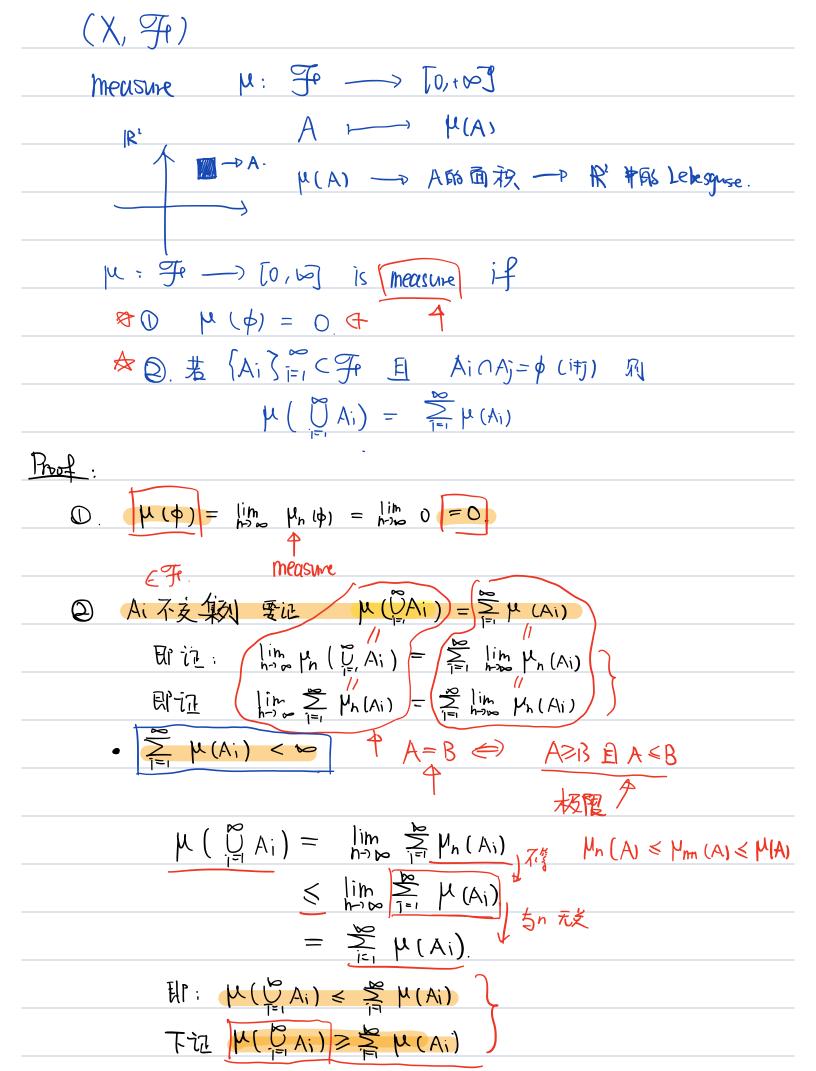
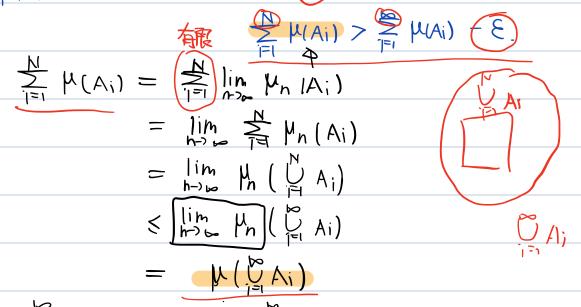


Br. Ei∈g i=1, ⇒ nEi∈g
任给 (E;∈g) i=1,2,···· , №
Ei ∈ G ⇔ 存在外的可数i支 对i 使 Ei ∈ o (对i)
取 do = U di ~D 可数
$\sigma(A_i) \subset \sigma(A_0) = r(\bigcup_{i=1}^{n} A_i)$
则 Ei∈ σ(di) < σ(do) ∀ i 都起.
又 よ(人。) わ 5 - 代数, 故
$\bigcap_{i=1}^{\infty} E_i \in \sigma(A_0)$ (对前对对部例)
T (di)
Ei.
戶Ei → 找到了可数到人。,使 自Ei ∈ 可知
$\iff \bigcap_{1 \in I} E_1 \in G$
综上: 写是 T- alpha. 且 又Cg
$=) \sigma(A) \in G \qquad \Box$
Q 8
Let {\mun_n} be an intrasing sequence of masures on (x, Fr)
i.e. Pm(A) ≥ Mn(A) \ \ A \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Suppose. I'm Mn (A) = M (A) FAE Fe , Show M is a measure.
Remark



ド(Ai) × ∞. ⇒ ∀ E>O, ヨ(N)>) 使



即有: 籌片(Ai) - EC 中门Ai)

をと→す有

Y K >0, ∃ N ∈ ZDO, Y M>N