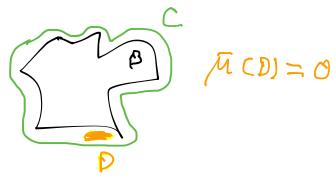
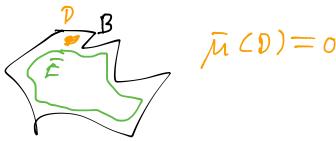
μ : $A \rightarrow \mathbb{R}$ casi medida μ t: $P(Z) \rightarrow R$ medida exterior $A^{\dagger} = \text{medibles} \supseteq \Sigma(A)$ $\overline{m} = \mu^{\bullet}|_{A^{\dagger}}$

Fig. 86: $B\subseteq \Sigma$ \Rightarrow COBSC $M^*(B)<+\infty$ COD $P\in \Sigma(A)$, $D\subseteq CB$ \Rightarrow M(D)=0C(i) $M(C)=M^*(B)$



C es una cabierta medible Núcleo medible: , FEI(A):

> (i) ECB (ii) DEBLE, DEE(A) \Rightarrow \tilde{M} (D) = 0



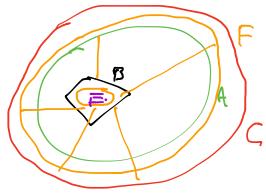
Probar: BEA* (A) = M*(B)+ M*(A)B)

Fjer 86 =>

3 FELICAL, ALBEF, cubierta

} C ∈ [CAI, ASC, cubier La

Tomamos E= FINC EC(A)



AFII: E núcleo medible de B

EEC'(A) V

E = fonc = (AIB) nc = (ASUB) nc

= BNC & B

Sea DE [(A), DEBLE P.D TOP)=0

BIE = BRE = Br (FCAC)

= Bn(Fucc)

= BnF

S BAFU 4°AF

= (BUNGIAF

= FICAIB)

$$\bar{M}(E) = Mr(B) \qquad Afil + eger 97-1$$

$$M^*(A1B) = M^*(CLE) \qquad Afil 2$$

$$M^*(A1 = M^*(CL) \qquad eger 86$$

$$M^*(B) = \bar{M}(E) = Mr(B)$$

$$Fin 89$$