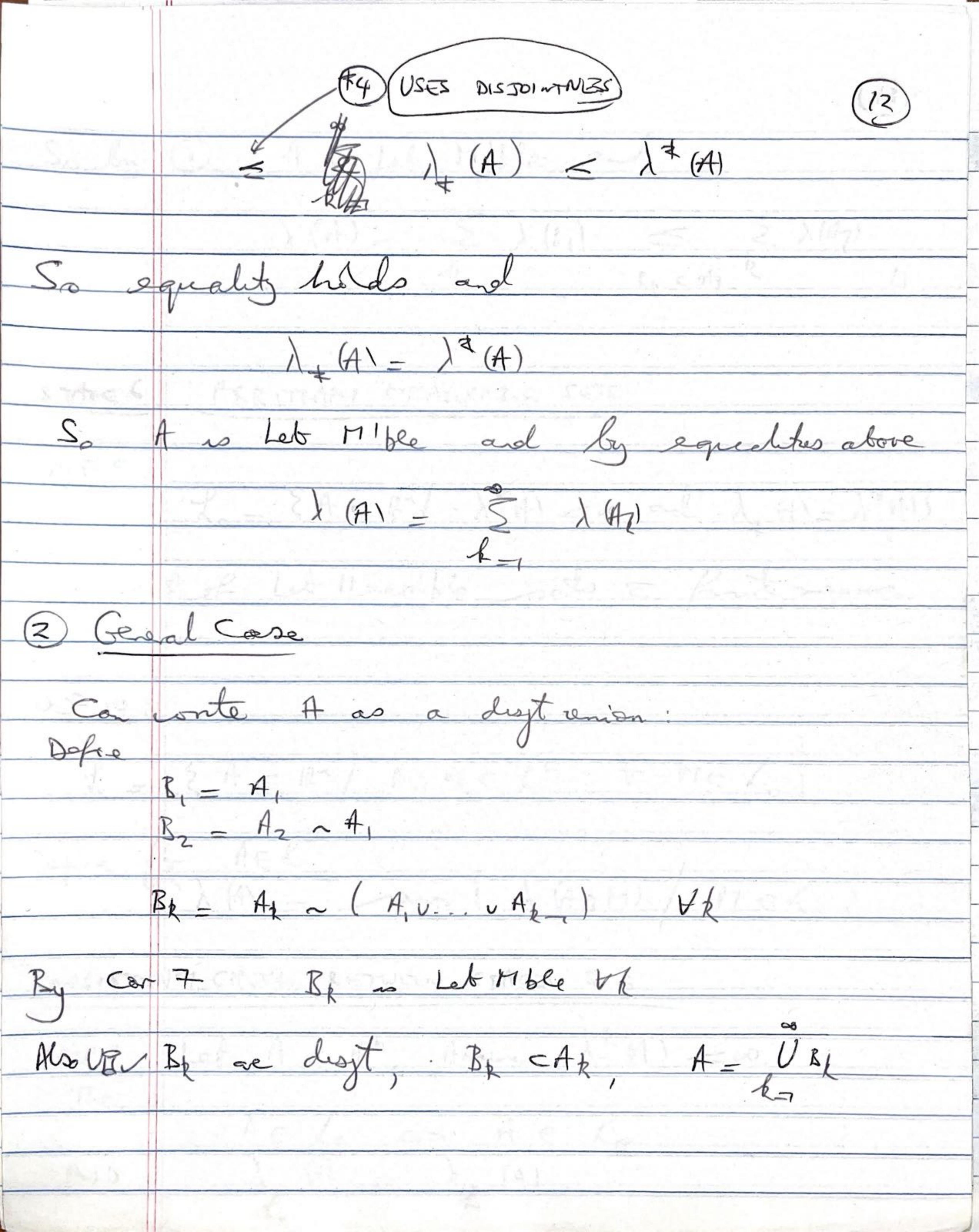
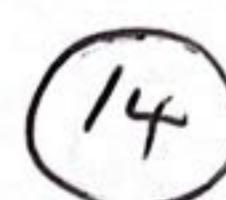
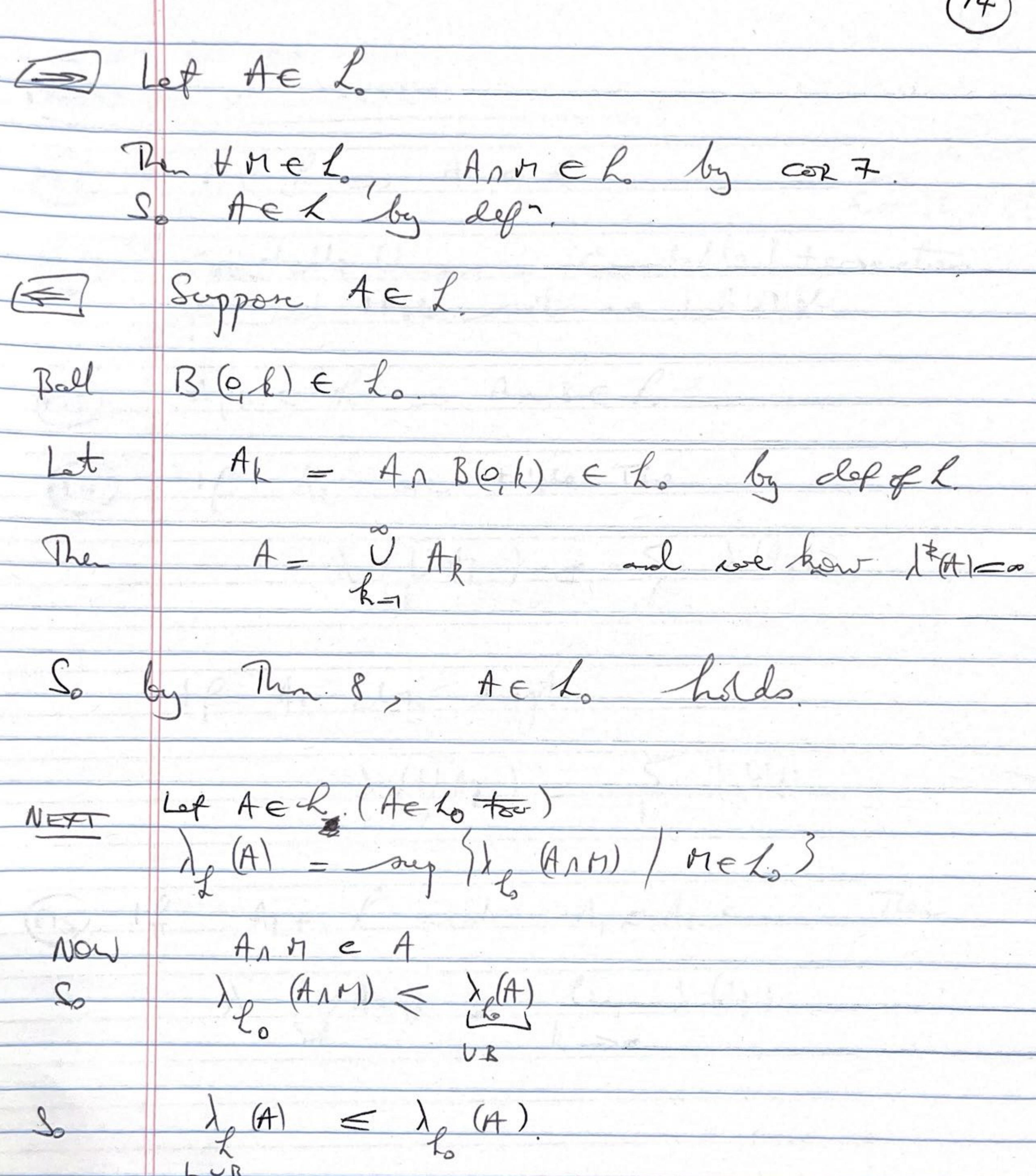
THYC	(COUNTABLE ADDITIVITY)
Suppor	Af is Let M'ble (with) (A) <0) He
Let	A = U AR
	- R = 7
Supar	e $\lambda^{+}A1 \sim \infty$.
])	Landa International Comment of the Same and
The	Aus Let Mble and
	∞6
	$\lambda (A) \leq \sum \lambda (A_3)$
	k = 7
18 m	add Apis one disjt the
	The state of the s
	$\lambda (A) = 5 \lambda (B_2)$
	-k-7
PT	
(I) CAS	E ALS DIST
X X	(A) < 5 \(\partial A\) by (\partial 3)
	L-1
	= 5 / (A) as A& Mible
	k
	$=$ \lesssim λ , (A_7)



HRRITPARY MEASURABLE SERS Lo = {A c Rn/ 1 * A1 = 00 and 1 A1 - 1 * A1} is set of leb Meas'ble sets = finite measure A e R / An M e Lo # Me Los CONSTATENOT CHECK RETWEEN STATES 5/6

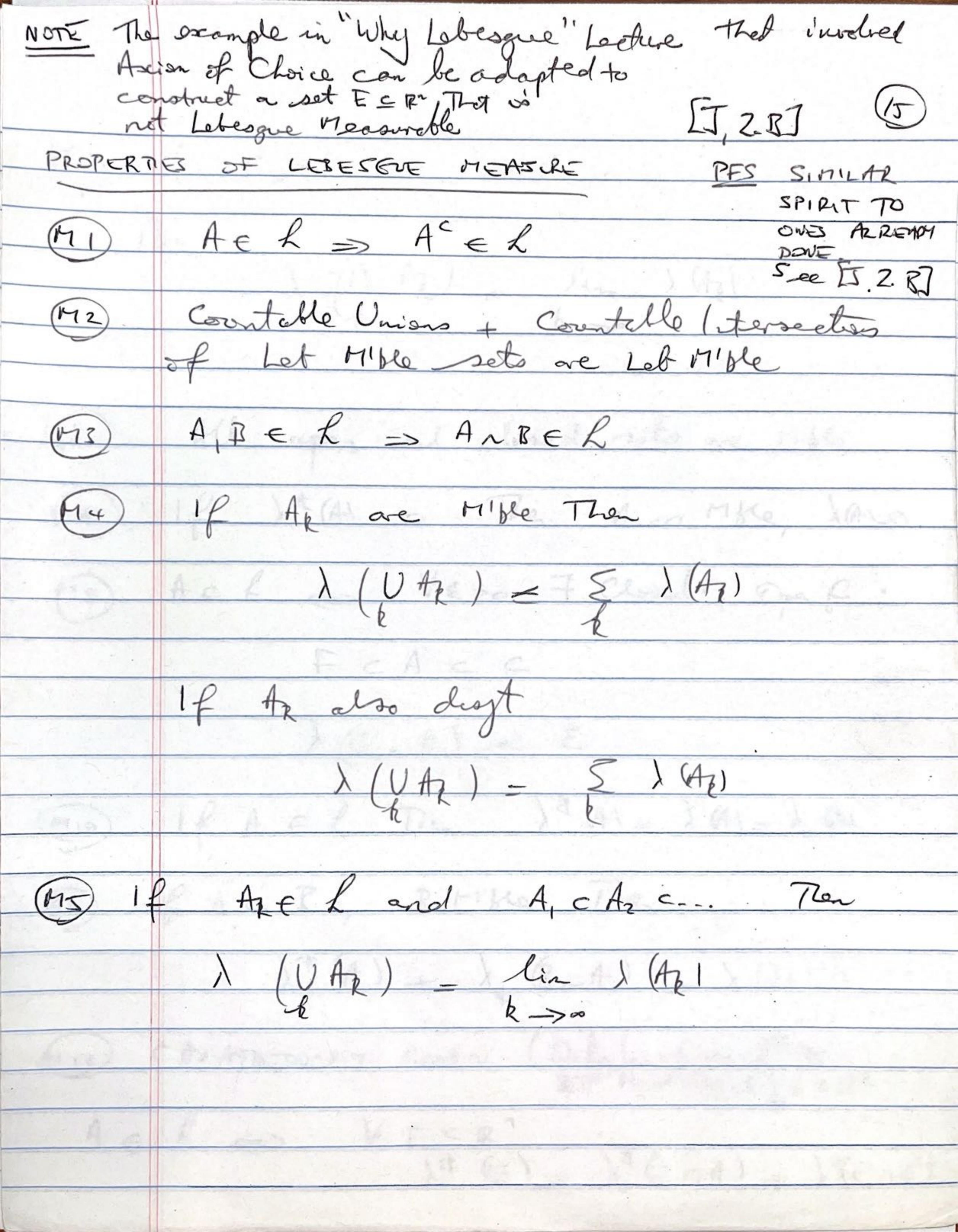




choose M=ACL. So)

ALT

Ap(A) = Ap(A)





1 AREL, A, SA2 S..., J(A, 120.

The

\(\lambda\frac{A_1}{b}\) - lin \(\lambda\frac{A_21}{b}\)

HIT All open and closed nots are Mble

(18) If X (A) =0 The A so More, LAND

(19) AEL S YERO F Closed F, Ope F:

FCACE

X(G,F) ~ E

(MIO) If A E & Then It AI = I AI = I AI

(II) If ACR, BMSCe The

)*(A) - X(B)

(A) CARATINODORT COMN (Only Involves)*)
BUT Hust Check YECIR

 $A \in \mathcal{L} \Longrightarrow \forall E \in \mathbb{R}^n$ $\lambda^{\ddagger}(E) = \lambda^{\ddagger}(E \cap A) + \lambda^{\ddagger}(E \cap A)$



INVAR	ANCE OF LEBESFUE METASURE
1740	
- Let	T: IR" -> IR" be a linear transform?
Marie Control of the	let A = R ⁿ .
The	If A is Lebesque measurable
THE RESIDENCE OF THE PROPERTY OF THE PARTY O	Then T (A) us Lebesque measurable
	$\lambda \left(T(A) \right) = \left \det T \right \lambda (A)$
	particular Lebesgue measure is rient under transleturs and
	atrons (orthogonal matrices)
PEONT	