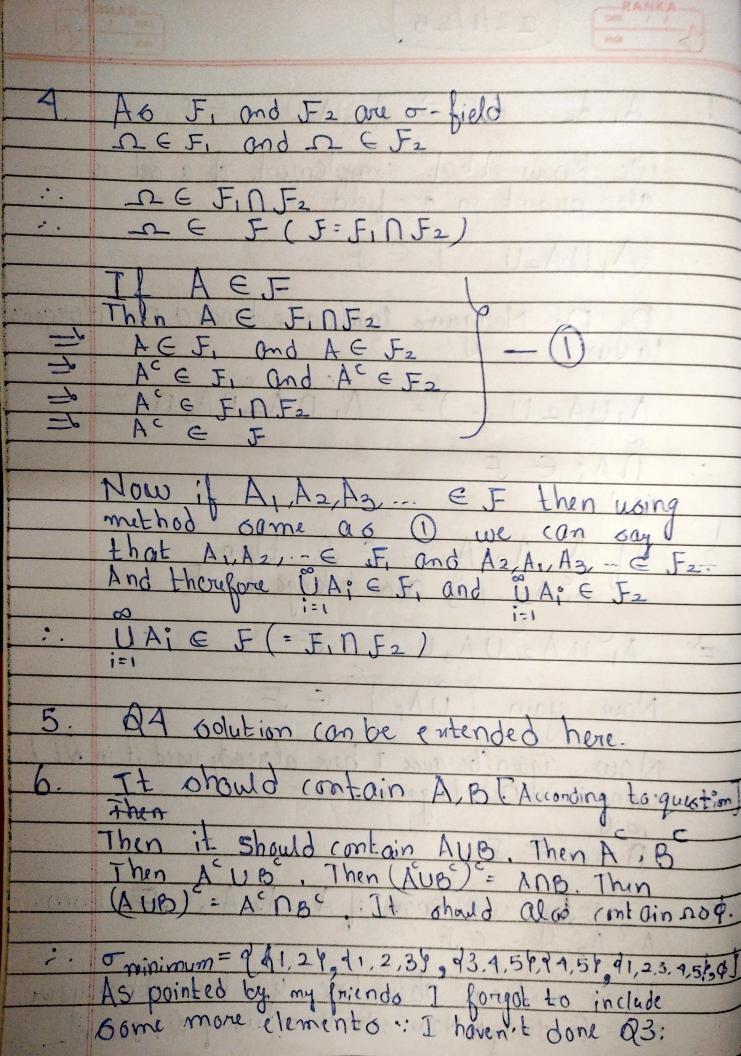
[. A, A2, ... EF => A, UA2U... EF We know that complement of a set is also present in o-field. : (A, UA2U) E F By De Mongan's law (on extended De Mongan's (A,UA2U...) = A, NA2A-A3 N... Il A. Az, Az, ... E F then

A. Az, Az also belongs to F ALUAZUAZU... EF Now again (UA;) E F Now again (because I have already used it in using De Mongan's law: 3. Cleardy we know if A, Az, Az & F then

A, C, Az , ... & F. B; E F alway 8. Now solve them using \$1 and \$2



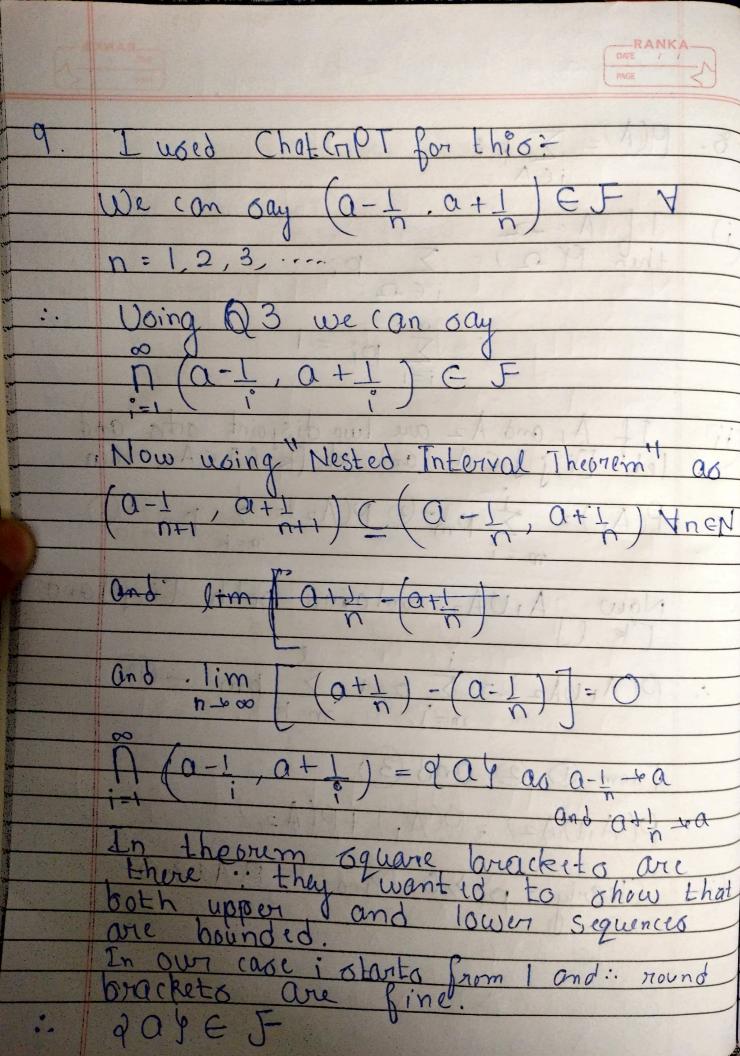
Because that teaches to include A'UB, AUB, A'NB, ANB, AUB, ANB, A'UB', A'NB. Including a also will result in a . On the remains To define a probability function on o-field, we can simply define it of set A and bet B. (This is enactly define it on what we use to do on Borel o- Spield Now I don't know what they exactly mean when they say most I generally probability fundations. simplest can be: D(A=91,2,37)= B=91,29)=0 for ale other elements: Hove Ac For general cases = P(A=91,2,39)=P1 D(B= 91,29)= 02 But ensure p, >, p2 and p,+ p2 < Now the different type of elements we have in the protevious set au : (i) (ii) so (iii) AUB (iv) AUB (i) AUB (i) AUB (Vii) Ang (viii) Ang (in) Ang (ni) Ang (ni) A pir) B i) o (ii) A (iv) A UB (v) or (vi) B (vii) O (in) KEARS ANBC (n) AC (ni) BChin) AC (nii) BChin) A

COA A 190 A COARANKA

	THE THE PARTY OF T
	, different
	Now Fotal unique elemento are:
_(i)	0 = 91.2,3,4,54
(ii)	7: 96
(i) (ii) (iii)	A = 21.226
(iv)	A = 91,2,39 ACAB ACUB = 91,2,4,59
(4)	13° : 93,4,54
(vi)	
(iiv)	B = 21_24 Angc = 234
(Will)	AC dag.
	A : 97,54 can be talamia
	Now probabilities for them =
	Now probabilities for them?
	D(A) = 0
	$P(A) = \rho_1$ $P(B) = \rho_2$
	P(b) · p ₂
PIR	10(A) - C(A) 1 C(A)
\$ 1824 S. 324	P(A) + P(A)
	p ₁ + 1-0=1
	P(h)
	1(4)= 1-10(2)=00
	P(AC) = 100 CO CO Destroys day
	D/2°)
	P(B°) = 1-102
	O/ALD MARINE
	P(AUB) = P(AC) + P(B) = 1-P, + P2
	They are disjoint
	P(ANB) = 1- P(AUB) = . P - 02 - 1+1
	10 - D
	The state of the s
	Cardina City of Cardina Andrews Andrews Andrews Company
	A MARINE
* *	

BAA BAA BUA

A and A 2 are two disjoint octs and i, i] EA, and let [k,l] EA 2 then A, UAz contoins looth 0 and .. P(A) 7, 6.



10.	Using Qq. date F and alde F and daa, by E F
	U116 4 4(0,0)] = 1-
2.	[a,6] = J