Plan: This week lectures, next week presentations.				
			13	
Recall: Il M is a factor Cu.N. alg. of tr	ivial century, then:	Factor 1	to the factor	
		e Jen	of a factor	
CID Companison Thm: 40,468CMD, peg on go		m a	200 12 (CO.12, -272 (19.1) =0	
			Const.	
or no holes				
CID Factors have no nontrivial corners: pMg=0 Vp.geScm nonzero.				
Charles & C. Carre				
Classification of Factors				
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Oiscrete.	Continuous			
Chas minimal gross	Cothermises			
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2	l .	-		
Type In Type I co		No fivite eraj.		
CH30 = Canme	6403.	Cemely continues		
dim H= 00		Type II = II,	a IK	
		\		
	2	>	^	
	All eves.	Int. ensj. Still	These can be expressed in terms of II.	
	are finite	exis+	of factors, so III factors are the ones	
	Tree Di	Tree Ilo = II, @ BCHS	that really medico.	
M wN. mlg.				
4				
Oct : per cond is a minimal eval. it pro and	A463(W) 400 => 4:	zo 04 ézb*		
Examples: 00 In Caccopy, m), grajs, are he CE	eccusionale in collision	It += 2E, m(E) =0. 31	FEE, OFMICEDENCED, AS OFGEREE, So.	
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no minimal elajestiano.				
E ( 0 1, 12 1) 5 1, 5				
CED IN BCCED - Macco, p= ("") is minimal Cit organ, then or Ergo + Zepo ; impossible!				
(0) 7 P= (0) 4 (4) 7 (1) 4 (5)	and the second	and all free many to the con-	nelland from the Secretary of the	
(2) In 12= \$ M2(6) = OM2+(6) " no Brej. 12	Winimeli sed bezell)	6±0 m ((63±0 m 3N 2'1'	प्रभारता प्रदेश के ज्याने स्थापन स	

OCTICGD TO COURSEN Then, 940 or page 940 mens grapt to Trade Top OCTICGD TO OCTICE TO DO THE PARTY NAMED IN THE CONTRACTOR OF THE CONTRACT

Proof: eMe is a w.N. alg. Cus unit eD. Note: MCBCHD => eMe BCeHD. eMe=Ce GD eMe has no erej. Correct 0,87. Note: q is a erej. in eMe
P 0 EWE 0 6:00 6:00 6:00 6:00 6:00 6:00 6:00 6
Thmi IC M is a factor with at least a minimal gray, then M=0CHDo
Proof: First, let's understand the algebraic structure of QCHD. If we fix an OND CFIDIES of H, then GCHD is generated by
Eight-off, the qui's taking deg to de and cdegot to 0 circ. Eights a 1 on position chip as a matrix in lines choice. So consequents  Eight-off, the qui's taking deg to de and cdegot to 0 circ. Eights a 1 on position chip as a matrix in lines choice. So consequents  Eight-off, the qui's taking deg to de and cdegot to 0 circ. Eights a 1 on position chip as a matrix in lines chip as a line chip as a
EN H=62, BC620=MeCOD=sean & Cood, Co
Let M be a factor which has a minimal gray. Let T= Ecgisias picepens, pi mutually withogenal, pi minimally I has an obvious gential
order (=) and I+0, so by Zornis Lemma I has a maximal element ceities. We claim Elege:=1. If not, F=1-Ee, is a erej.
we octale by angerican Them, each or feer for it ex-fief, then fi is minimale for Leitiez VIII is a bigger family, ⇒€.
It then forther a single of min, so size , so fine.
Fix some 1067. For any IET, Clore: Chaing minimals, so But p.i. s.s. graviul", closures, will fook next time!
e co