Fuct: (LOS 71') 7) Any two (noth-trived, hetrized) Poulson Simplices offinely homeoworphic (The Poulsen Simpler) 2) P is characterized by the following two pol. a) universility: any met simples is a face of P b) hounganing: UF, F, F, P, it F, F, Flor forces 34(And(P) 4(F)=F2 3) Jef 15 homeumorphic for l(T) TI Trade Simpleces. her A ze a unital and separable Ct-alg. T(A) - the space of traces. YEI(A) ( FNS A. T. MEB(H) ', I? MER(A)" Fact: T(A) is a Tsimplex. In fact any met. Simplet avise as such.

3 If T(A) has an extreme #A-dim frare Flen J(A2) does het have an extrme 7-Jim C havactby (and Vice Versal D122 + Z122 + Z122 isolated 7-der charite = Z/27 XZ 2,59n The 20 Jero vulside PF Ideas A = A, + A, Cef GET(A), want to Find YEDDT(A) 426 T: A M Gohl: Find KEL(M) 1/4-711 CE  $\widehat{\pi}: A \rightarrow M$   $\widehat{\pi}I_{A_1} = \widehat{\pi}I_{A_1}$  (learly  $\widehat{\pi} \rightarrow \widehat{\pi}$ Adosta - Adosta

Is 
$$\Re(A)^{\parallel}$$
 a factor (eavines & extreme)  
Park: This Strategy Shows densities in the Wassessee  
topology.  
T(A)<sup>\parallel</sup> = M<sub>A</sub>  
 $\Re(A)^{\parallel} = M_A$   
 $\Re(A)^{\parallel} =$ 

Thmp: (M, M, M) Assure M, M, + C that dim My thim My > 5 wh assurp  $e(M_1) + c(M_1) \leq 1$ Then (M, M, M) is app. factoral. Can you always chusp M=M+L(Z)? Oreven M = M2 Ideas from FP pf of Thm B. - Proof is easy if My (or Mi) is diffuse  $M = M \neq L(Z)$   $M = M_{n} \vee M_{2}$ Ut hear Mitting  $M_{1} \vee \mathcal{U}_{\xi} M_{2} \mathcal{U}_{\xi}$   $\mathcal{U}_{\xi} = \frac{11 \cdot 11}{1}$ We very inflience by the word of Oykema. · (Ch. D. - ECPAD) \* (CPAD) (CPAD) Lr C P , n q , Assue M. M. Me not diffuse. An A, MASA  $M = M + (A_2 \otimes L(Z))$  IPPOS

Can reduce to fit case My and My My  
abelian and finite dimension.  
My c C O C My = C O C Colling - Keep  

$$\frac{1}{2}$$
,  $\frac{1}{2}$ ,  $\frac{$