The sets A1= {hP,h" | he H3, A2= {hP,h" | he H3, The proof given in close to EHEAD to END tempt on partition & System Land was the as the State of its of the State of S= A, U. OAt (Are are using fuel that we are using a gp action HxS->S to partition S)

The each Mil of the strand Mil=p, this world implyous prosts) p/ 1519 which stis son cattored due So som thet=p=12119 with bus for some Than His contained in some Sylan p-sub- ap. This means {hPihi heH} = {Pi}. Proof The proof runs almost of the same as the one given in class Note that the they troples that we have hPiht'=Pitalonallio sip sol heH. But since heH, Ihl=pa for some a. So, by Lemma 15.5 place hours he P. gfor all heHglietH SPinis tont Batol will 178 and 19th. Let P be a silon p-subje with 191= p (The groot is almost identical to the Tone glish in classifiers of a rows) but he use H Instell another Sylan P-sulge Q)

910 atreprend at 110 sd [0) pl [98] = 2 to 1 As shown in class, pt 15/ (the produin class is some to here) (Here is when we change the proof). Let H be our gp with IH/22 For each Pi e S, consider the H-conjugation of Pi, he H?. This is a subser of S ALDED I EL BEILT | KEH3 | = [H: N P) AH] + this is Lemona 15 C Sing I HI = INCEDENT | THIS PORT ONE IHI=P, this force