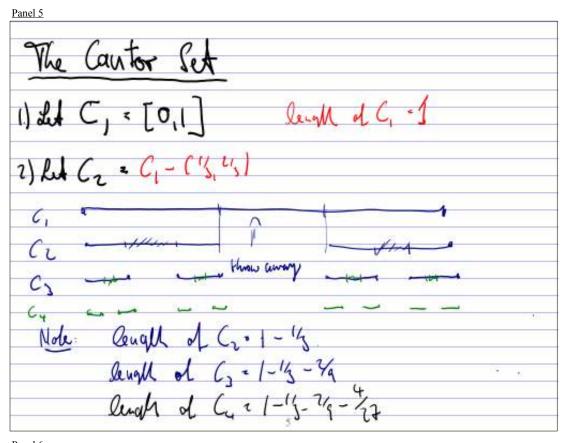
Heine - Boul Thu: Cont = closed + Sdd (a TR') Nexted Compact Sets Thu: Popular, Popular, Popular Sets -> D. P.; + D Serbert Sets: compact + every ph in accumulation (0,1) Thun: Perhat sets one ancountable	Panel 1
Nexted Compact Sets The: By compact, Agencials i) Perfect Sets: compact + every ph in accumulation (0,1)	Last Time
Nexted Compact Sets The: By compact, Agencials i) Perfect Sets: compact + every ph in accumulation (0,1)	Heine - Boul Thui cost = closen + Sdu (a R")
Perfect Sets: compact + every ph in accumulation (0,1)	V
Perket Sets: compact + every ph in accumulation (0,1)	Nexted Compact Sets The B; compact, As CDS
Perket Sets: compact + every ph in accumulation (0,1)	-1 n A; ≠ Ø
	<i>3</i> =0
Thu: Perfect sets one uncountable	Perket Sets: compact + every ph in accumulation (0,1)
Thin: Perhet sets our uncountable	
100000 10000000000000000000000000000000	Them: Perfect get and uncountable
	100000 10000000000000000000000000000000
1	Panel 2

Every non-empty, perket set is uncountables.
Pearl: Take S & Dicket, and aroune
S= Es, se, sz. 3 areis countelle
take U,= (s,-1,s,+1) a ulla. As, Know s, is accum.
point = int. many of the Same is Us
Pich one of them, call it so. Find wold (12 of so st. closine
S_{4} S_{5} S_{1} S_{5} S_{5} S_{1} S_{2} S_{3} S_{4} S_{5} S_{5} S_{1} S_{2} S_{3} S_{4} S_{5} S_{5} S_{1} S_{2} S_{3} S_{4} S_{5} S_{5
(hv
2

Panel 3
Doller again 53 U.
(× (·(·))) (//s
So in accum, point => pich x3 6 Uz and while Uz of
T3c U2, x36 U3, x,1x24 U3.
Contine pich Sun and Une c.
V= O (Un os). Then Un o one compact,
Unscans, i.e. nested
(=) V+0) Tale +61. +61/2 = ++5, +e1/2=++5v.
-> ++ s; +j. S= Es, sz) in not complete. ged.
Panel 4



Panel 6
Define C= 0 Cn as the Counter set
1 7 C= 8
(1) Is it limite or infinite
3 Re llere # 14 C:
5) 8/22
c) 31/g1
(4) Is C compart?