E	poblem	Session:	
		unjecture	
	,	p(G) <n <="" ×p=""> G acts freely on a finite CN complex homotopy equivalent to product of n-spheres</n>	
2.	Tele	ighe Conjecture:	
	K(	-1)* (x) =0 => K(i)* x=0 i <n-1 (prime="" 1)<="" complex="" cw="" finite="" th="" x=""><th></th></n-1>	
		$\phi: \Sigma^? \times \to \times$ isomorphism in K(m), $\varphi$ and $o$ in K(c), $i \ni h$	
		$X \longrightarrow \varphi'_X \qquad \Pi_{\overline{*}} \varphi^{\overline{*}} X = \varphi^{\overline{*}} \Pi_{\overline{*}} X$	
		NSS: \$\varphi \mathbf{E}_2(\times, Mu) \notin \varphi \tau_{\pi}(\times)	
		o <n-1 &="" (l="" <="" dim="" from="" km)="" n2="" tix="" x="" x)=""> LKm) X oquivalence?</n-1>	
	X	$\infty$ -specka, $K(n)_{*} \times = 0$ (=> $\exists \times_{*}$ finite such that $\times = \lim_{n \to \infty} \times_{*}$ and $K(n)_{*} \times_{*} = 0$	
3.	Ch.	atic Assembly problem:	
	×	$X = L_{(Q)_{V   (z_n)}} \times $	
	fini k	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
		$\longrightarrow L_{\kappa_1 n_1} \times \longleftarrow H^*(G_{n}, \subseteq_{x} X)$	
		$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad $	
Q. S.	Find	Hective ways of computing $L_{n-1}$ $L_{K(n)}$ $\times$ . $n=2$ , $L_1$ $L_{K(2)}$ $\times$ = holim $V_1^{-1}$ $L_{K(2)}$ $\times$ $^{5}/p^{n}$	
1		-n-13° -> Ln-1 Lk(n) 5° is aplit. Complete decomposition for Ln-1 Lkw 5°.	
		n-1 k(n)	
4	Fiv	invariants of 4-dim topological s-coboration	
,,	- 01		
		Marianto do distinguish (W) E Whitehead Wh (Ti) ws wooden your h-wobodism	
	No	new invariants for $\pi=1$ , suberforential growth. Not known for $\mathbb{F}_2$ .	
5.	Spa	s of field theories	
		e dim of FT's its chromatic filtration.	
		lel1- EFTI ~ ΩTHF	

6.	As manifold	d invariou	nt how	sensitive a	ne TFI	1 ?											
	•	e opt. so					(M) ≌	confr (M	√ (ا	K≥o	lew	+ M :	≇м′.				
		1 space,-											continu	hous	in		
		o topology								S <sub>4 }</sub>	-	15+1		af	popnia	te top.	
		there onis					(m′)*										
		тео <sub>*</sub> X —															
	eg: Br	en for R <sub>r</sub>															
	7	όρ(n) —	> h Autin (	Ran Rij).	←>A Aw	(En)											
	J R= Ra	un. (M)	R ~~	-> Path of	"(R)←	~ <sub>1</sub>	fibrat	on w	th fi	bors	Ran	(R",)					
7	MSpin —	→ KO	MShi	ng → t	rnf a~	a	ki an Ar di	941.									
	BString		7.01	7													
	1	→ K(7,4)															