	kar I!
اما	her, Isnes, Segal
	Floer's ON-divid More theory & htepy type.
P.	orthogon Then resolution: (cf. : Milasis Delenation Topology book)
	· Morse for w/ only 2 notical points. (W cplx w/ 2 from -basepoint) cells.  + generic gradient flow
۱۵	Il descending + a seeplay dishs inkned of.
	height R. Union of all descending disor, and cillapse everything below a certain hought to a basepoint.
	dun = index of ont. parts,
	besepoint subjectly: paraelistations in (a) & (b) are
5	Tap have index n, n+k+1 conticol points  eg., in (a), no ports near 2 fbu  to the point a
	nrhr
	The specify [f], Et now (5").  f: 5" to specify [f], Et now (5").  f: 5" to specify [f], Et now (5").
	f. sntu -> sn. based mens.

P-7	
1 - 1	mys Snok f 5" ( ) Framed k-dhy'l manifeld in 112"
	Meaning normal bundle v(Z) 55 touchized.
	f, assure smooth premaye of regular value of f, p t & take (by perturbing) f-1(p) E. Rnth = Sntk   *
	K-din' I manifild, france b/c 11.
	K-din' I manifeld, franced b/c areasentully carponally solved francho
Usisy	Lib. whood than, Given Z = IR traved.
	مار مار
bookn	Water = Z × RM () I = R3
πz: U→R	ed manifold $\mathbb{Z} \in \mathbb{R}^{n+n}$ , $\mathbb{Z} \times \mathbb{R}^{n}$ $\mathbb{Z} \times \mathbb{Z} \times \mathbb{R}^{n}$ $\mathbb{Z} \times \mathbb{Z} \times \mathbb{Z} \times \mathbb{Z} \times \mathbb{Z}$ $\mathbb{Z} \times \mathbb{Z} \times \mathbb{Z} \times \mathbb{Z} \times \mathbb{Z}$ $\mathbb{Z} \times \mathbb{Z} \times \mathbb$
200	q ( ) ( * if x & ()
	$+(x) = 0$ $\pi_{2}(x)$ $\pi_{3}(x) \Rightarrow \mathbb{R}^{k}$
	Deputere on choices: if chose a different repular value > changes Z" = R"th
	Ex chess honotpe f.  15 R1+4 x I
	& vide resair drang 7 by colors on mys drage by h fory
	1 to go en need a tubular nhood.
	e if M was smooth & some bothe force, this is casser.
	o it in top-marifild, may not have), but may be something else we can do!
	(2) to go in med to approx. I by a smooth too b apply Sard.
	some analysis needed, right now,

	Harse for. CM cb/x.
	2 cotral parts Snot for
	ind(X)= n+h+1 f-2(p) & ak-dim/l mansold
	and $(Y) = n$ . (e.g., chose $p = y$ , then $f^{-1}(p) = \mathcal{M}(x, y)$ .
	X
	The state of the s
	79
	4 (x, y)= 9pt -)
	4 4 3
	M(x,z) = (-1)
	4 9
	4 0
p	while wood to keep truck of all M(x, z) is higher durilete as found in folds
	y comete,€
	references for manifolis-1 comes.
	Janid
	Lassie: On abodiens of n'fles -/ conor
F	Flor relegate to the C has:
	Definitely many abjects Ob(E) (Marse control points)
	(Ra) The ar: Ob(e) - Z (index)
	3) $Hom(x,y) = Sid$ if $x = y$
	(5)
	3) Hom $(x,y) = S$ id if $x = y$ [Smooth if $x \neq y$ wipld of dim $k = gr(y) - gr(y) - 1$ Smooth, if $x \neq y$ $f(x,y) = S(y,y) = S(y,y)$
	house M(x,y) = " wo duli of los " Il. ( ) > = Id.
	hours M(x,y) = "unparent moduli st tay- " this fraing > space hade.
	4