Just 1 13?

-denoting "monthal

feered "on

capacity to a

region of intent.

- vivally concertanting

on smetty:

- see within Janes

- an alogos to avoiding sense:

listoning to orchester, "pick ant" a specific injectment.

1, picolo

_	homan are "first seings" on the sense we cannot to all things it once		
	to all thing it once		
_	G.A. Miller posital in a paper in 1956 typest our		
	capacity for info pocessing is varyly bounded		
	by the "magic number" 7 t2		
	- basel en aural appenionent		
	- (18 tening to strings of ususters		
_	just as aultoy senk is limited in its corporate		
	so is vision - scene perception is performed		
	minutation (in small pices, piecement)		
	not in toto (Na Mole)		
	goes ayanst Gertalt psychologist' New		
- pieuncul perepter is a consequence of Sidogg-			
- Picancel perepter is a conservence of Gistogy-			
constructor of our eyes = we mounts			
	- Key concept: [scene integration] - smenlet of an		
	open prhlin —		

Some Zutegration

- how is de "nonstal picture" of the viral seem constructed in the Svain - not very well underbood, but one thing is dear! there is no "picture" or "pixelyal", or "canon - like" lineage representation - retiry analogys to a carrear exist.

- Chronological reven of vivial otherston:

focusing on two gravitations responsits: "what"; "where"

detailed

importson of

a region of

interest

(what is this?)

where does attention

for all visia which isn't

necessarily correct — Gut are forkal that

therefore you forkal that

there was attention

go nest?)

- Von Halmudtz: vand vival attento a matial we havin of vivor peryotion - wanty concerned with "the Muse" of va - he noted that attention can he:
- consciously contralled (voluntary) - given to periphoral dists what more eyes - William Janed ? - believed attention to be more correct - a internal mechanic whin to inquisto, antiquen, thought - defined attention maily in terms of the what' se identity, meaning, on expartition associated with few of attento foral vivos -favored active & volventary expects of atherdors but recognized its passive, repeated,

moduratery gralities

- both view of attention (what/where) are not untrally coditive Substant forced vision (Janes)

Some periphereal vision (vant).)

grass accessingly a star, but tends to be

useful in practical sense, -g. applied work - browlbent (1958) -sers attender en a "selecture feether"

Verjour libre for fethery injo to sendon channel of limital capacity 57,2,37 -> (F) == {9,4,0} sinuttarios presentato of spoken numarios · insterners reported \$2,2,3, 9,453 ? 7,49, 7,23) with us intermoven · concluded that info enters in parallel (serially?)

- Devotish & Devith (1963)

   angred against selective filter, proposing toped all sources mellages are perceptivally analyzed at Wheat level viginitial adentity filter & limital capacity theory—navored that the futter would neal to be at least as complete as limital capacity.

  \*\*Sten that (hence why too heed from fulter?)

   instead proposed ceretial structures with present "importance weighting" which determined selection
- Broudbond ti selective fitter is similare Lo von telentrolk is "where 4
- Dentish & Dentish's inportance neglitys were sintle

- 1960: Anne Treisman broght both corrept typeser into
one byeory of intersher contains two components

- attenuation futher (sin lan to browthealts)

followed by (in the myo prices street)

- structures referred to as "dictionary units"

- these process underend is unwadered

merry's

- certain tracked bured to importance

sherum u, contract

- how work is important because it suificed

complementary under of attention

- Eze Traveig Should op amond 1969! 1971
- eye traving helped cont  doubt a Bestault hypothesses  fact uc Bestele  yarrior Tynos, e.g.
starts:  scarpath - we tend to fixate swither ryons but not be severify in Jame order
- scapaths: soing serial in notice, touch to apport the "what" since they should the folly violent foreal injection
- In constrast, Posner (1980 at M17) syjested that orientation of atherten (the where) Il done in parallel
- Posner! "spotlight" of attention - - Visited in sparted extent  - but does so conted from the force

-a kirl of tinduce	
(send)	parallel
" what "	"uhere"
Janes	var Helmholk
Dentsh + Dentsh	Granbert
Moder Hank	non Pourer
Trive	nar (80,86)
-Treinm provided Feature	Integration Reasy (FD)
of attention: "glue" feathers in partial	intyrates separantes
<u> </u>	I ve. the Sout, is
perserved as a	virted whole
- daincel that attention	selects feather from
a motres map of	location dioning
where feature to	sulares are but not
What those for	entres were
	of sperfus where, not what
-man anodes since &	
seme, soch as	color, oriattato, size
difarce (	(stano)