	(all morphisms are 150)
M1,1 should be a "pseudo" functor	Sch/& - Groupoids
with (1) Gluing properly	C — famility of elliptic curves
(families glue together)	w/ isomorphisms
(familie's glue togetha) (2) Algebraic (in a purice sense of administration and a from a front and a front a front and a front and a front a	nother a surjection of pace
Model: Schemes as functors.	
Recall: XEG G→ Funl	Ear, Set)
$\times \mapsto h_{X}$	is ff.
Now let Saffine schome, &= Affs cff	ine 5-schanes
Now regard by: G=AFSI -> Set. Fis	Oaki da mara a da a Hardala a C
Day 4:1-1-15, file (5-1-35) state 18	behirely representable if $\forall g : h_T \rightarrow G$
the fiber product FERT - F	O Ex P representation
—————————————————————————————————————	f FxGhT representable.
ե _т → Ե	
Del f:F-G, F,GEEOP-Jet	
p is affine open /resp closed embedding	· i ·
To is relatively remember to the and	·1
f is relatively representable, and	pen/resp ched
Fight of Domes from arms	orphism of affines.
h _T → G	
Det F: Aff P -> Set is a big Zu	riski shoof if VUE Affs and every
N=UU; office cover,	U
·	
$\mathfrak{F}(u) \to \mathfrak{T}\mathfrak{F}(u_i) \Longrightarrow \mathfrak{T}\mathfrak{F}(v_i a v_j)$	
is an equalizer. 35	
Prop F: (Aff/s) op -> Set is represented	by a separate S-scheme iff
(1) F Zariski shoof,	
(2) F - FXF is an affine (3) =XiCAffs, Ti: hx; - F open	closed embedding,
(3) ∃XiCALLS, Ti: hx: →F open	n embeddingo
5t 11 hxi -> F sujective morphy	in of (Zoushi) sheuses.
Thus get (Sep 5-schemes) -> (functions	with 1-3) and is an equir of categories.
	, ,