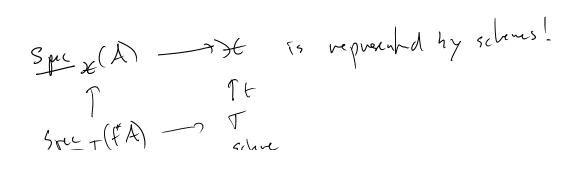
Lecture 28: Properties of stacks and morphisms between

them

Relative Spe
$$\frac{1}{2}$$
 Prof
Algo speces: X/S & sheet tradys $m X$
Spec (A) $(T \rightarrow S) = \{1:T \rightarrow X, 1^* A \rightarrow 0_T\}$
fibred ar X
Spec (A)
 $\frac{1}{2}$
 $Spec_{X}(A)$
 $\frac{1}{2}$
 $Spec_{X}(A)$
 $\frac{1}{2}$
 $\frac{1}{2}$

Defi fix-y is separated if
$$\Delta: x - xyx$$
 is grape.
Defi fix-y is grape if it is sep. f. type. and univerclosed.
Defi fix-y is grape if it is sep. f. type. and univerclosed.



Stacks Page 3

Proje
Gran un algestiche, and a geroh. shelf algended Be-alges

$$\mathcal{X} = \bigoplus_{i \geq 0} \mathcal{A}_i \qquad Proj_{\mathcal{X}}(\mathcal{A})$$

viai $Proj_{\mathcal{X}}(\mathcal{A}) \longrightarrow \mathcal{K}$ fibe cati
own an drived $x \in \mathcal{I}(\mathcal{H})$ $Proj_{\mathcal{X}}(\mathcal{A})(\mathcal{A}) = Proj_{\mathcal{T}}(\mathcal{X}^*\mathcal{A})$

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