Eine Woche, ein Beispiel 7.17 formalism

Here I collect some formalisms which enhance well-known theories.

Somehow it also explains the polularity of the abstraction in mathematics. We want to have a better understand, so we invent new languages and theories, which in turn causes more troubles for beginners. Hug those formalisms!

Both let us be away from paradoxes. Category Theory [adjoint fctor = preserve (co)limits]	Infinite Category Theory is some cases
(Braided Symmetric) Monoidal Categor Extract combinatorical informations Examples Specify and generalization.	
See https://github.com/ramified/personal_tex_collection/blob Parameter space Structures on parameter spaces are See https://github.com/ramified/moduli_in_algebraic_geometer	~> Moduli space important.
Topology Get étale topology. Topological space Get abelian category. Scheme Get more objects. e.g. Ind-Sch.	 → Grothendieck Topology → Condensed Set → Functor
Snake lemma Diagram chasing all the time! (co) homology Reduce important properties to cat https://www.math.uni-bonn.de/people/schwede/Enhanceds	d .
Finite field Should contain "field with one ele	~>???

Moreover, AR theory tells us the structure of indecomposable reps,

Bruhat-Tits theory tells us the structure of p-adic groups,

Artin-Schreier theory tells us the structure of deg p extensions. CharF=p