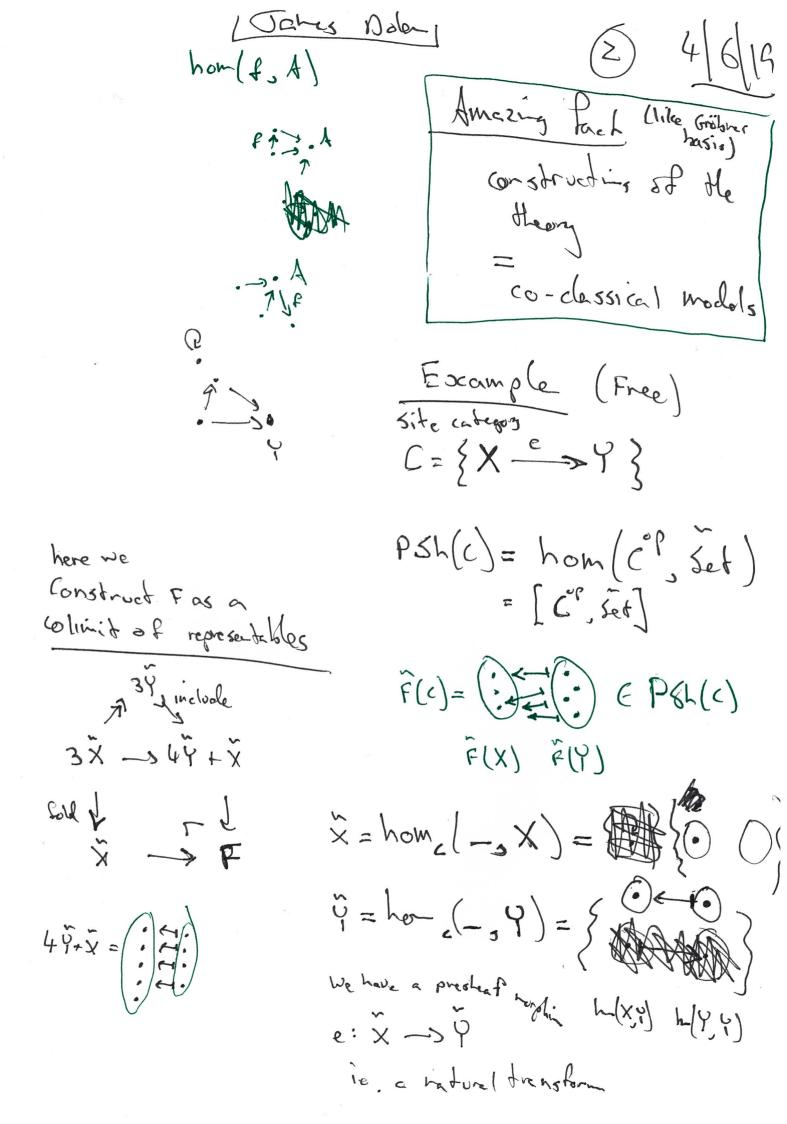
Jaes Dolu 4/6/19 Cendenoritied Gröbner basis
Heory Sensons & fine of day spring us auxl presentations in co-algebra: longer/shorter damm / dosk generators & circletians Ergodic hypothesis gives (co-elevents = maps out of "amode": so it's easy to map out omodel

is a this a model of maps into cocomplete cartyonies

(in): harder to mp into = elements free cocomplete = prest Chtegorified hier elgebon fre cocomplete = presheques this is a "L' consdructi construction st doction bed-een linds pedin is a polysomial" He Heory reeds relativisative. Renrichement Bocarple K(c,b,c) < p(a,l,c) > (Reletavise algebraic georetry over different Pields, rigs, etc. Grobner bersis give a Section of this projection. Categority algebraic genetry Categority confluent remailing systems. (from a algebra -e reletavise decter spaces do set ver over an algebra.



Jahres Noten 3 4/6/19 30 When is hor (PF) - show (x, F) Example (contid) yom (62k) an injection? Lunchus categority closure operators on Posser. "repairs" non-injectué 2× -> 49+3× ~ 2x functions: ž s ž (See also "forcing" in logic) by collapsing the fibres or taking the mage of Example (non-free) the map. now add relation to make e Take subcategory instead of quality Inclusion functor a has left adjoints The presheaves that believe Heey are a pinorphiso: BEPSh(c) are such Hat hompa(x,B) chom(v,B) h-(e, B) ie. a co-classical model of the theory