

Index of Notations

- $A \otimes -$, 229
 AddFil, 232
 $\alpha_{\mathcal{F}}$, 356
 anch, 335
 Annul(\mathcal{F}, γ), 357
 ass-gr, 231
 Assoc^{aug}, 227
 AssocAlg^{aug}(\mathbf{O}), 227, 250
 At(\mathcal{E}), 342
 Aut^{inf}(\mathcal{Y}/X), 323

 B^{Fil} , 232
 B_X^{Lie} , 307
 $B_{\mathcal{P}}$, 235
 B_{scaled} , 393
 $B_{\text{scaled}, A^1_{\text{left-lax}}}$, 393
 $B_{\mathcal{X}}$, 212
 $B_{\mathcal{X}}(\mathcal{R})$, 218
 Bar, 251
 Bar($A, -$), 268
 Bar $^{\bullet}$ ($A, -$), 268
 Bar^{enh}($A, -$), 268
 Bar₊, 252
 Bar₁, 252
 Bar_{1/}, 252
 Bar_{1//1}, 251
 Bar $^{\bullet}$, 251
 Bar $^{\bullet}_{1//1}$, 251
 Bar^{enh}, 252
 Bifurc $^{\bullet}_{\text{scaled}, A^1_{\text{right-lax}}}$, 395
 Bifurc $^{\bullet}_{\text{scaled}}$, 395

 $\mathcal{C}(\mathcal{X})^{\mathcal{G}}$, 389
 $\mathcal{C}(\mathcal{X})^{\mathcal{G}_{\text{left-lax}}}$, 389
 $\mathcal{C}(\mathcal{X})^{\mathcal{G}_{\text{right-lax}}}$, 389
 \mathbf{C}^{Fil} , 230
 $\mathbf{C}^{\text{Fil}, \geq 0}$, 230
 $\mathbf{C}^{\text{Fil}, \leq 0}$, 230
 \mathbf{C}^{gr} , 230
 $\mathbf{C}^{\text{gr}, \geq 0}$, 230
 $\mathbf{C}^{\text{gr}, \leq 0}$, 230
can, 355
can_{free}, 356

 Chev, 254
 Chev₊, 254
 Chev₁, 254
 Chev_{1/}, 254
 Chev_{1//1}, 254
 Chev^{enh}, 255
 Coassoc^{aug}, 239
 coBar, 252
 coBar₊, 253
 coBar₁, 253
 coBar_{1/}, 253
 coBar_{1//1}, 252
 coBar $^{\bullet}$, 252
 coBar $^{\bullet}_{1//1}$, 252
 coBar^{enh}, 252
 coChev, 254
 coChev^{enh}, 255
 Cocom^{aug}, 239
 CocomBialg(\mathbf{O}), 257
 CocomCoalg(\mathbf{O})^{aug, ind-nilp}, 292
 CocomCoalg^{aug}(\mathbf{O}), 244
 CocomHopf(\mathbf{O}), 257
cofree_B, 267
cofree_Q^{fake}, 245
cofree_Q^{ind-nilp}, 240
 Coh(\mathcal{X}), 125
coinv($h, -$), 271
coinv^{enh}($h, -$), 272
 Com^{aug}, 227
 ComAlg^{aug}(\mathbf{O}), 227
 coPrim \mathcal{P} , 237
 coPrim $\mathcal{P}^{\text{enh}, \text{ind-nilp}, \text{Fil}}$, 242
 coPrim $\mathcal{P}^{\text{enh}, \text{ind-nilp}}$, 241
 coPrim \mathcal{P}^{Fil} , 242
 Corr(indinfSch_{laft})^{ind-proper}_{all;all}, 147
 Corr(indinfSch_{laft})^{nil-closed}_{all;all}, 146
 Corr(indnilSch_{laft})^{ind-proper}_{all;all}, 172
 Corr(PreStk_{laft})^{indinfSch & ind-proper}_{indinfSch;all}, 152
 Corr(PreStk_{laft})^{open}_{indinfSch;all}, 153
 coTan, 353
 coTan_{rel}, 353

- $\text{coTan}_{\text{rel}}^{\text{enh}}$, 353
 $\text{Crys}(\mathcal{Z})$, 165
 $/\mathcal{Y}\text{Crys}(\mathcal{Z})$, 177
 $/\mathcal{Y}\text{Crys}_{(\text{PreStk}_{\text{laft}}/\mathcal{Y})}$, 177
 $/\mathcal{Y}\text{Crys}_{\text{Corr}(/ \mathcal{Y}\text{indnilSch}_{\text{laft}})}^{\text{ind-proper}}$, 177
 $/\mathcal{Y}\text{Crys}_{\text{Corr}((\text{PreStk}_{\text{laft}}/\mathcal{Y})_{\text{indnilsch}})}^{\text{ind-proper}}$, 177
 $/\mathcal{Y}\text{Crys}_{((\text{PreStk}_{\text{laft}}/\mathcal{Y})_{\text{indnilsch}})}$, 177
 $\text{Crys}_{\text{PreStk}_{\text{laft}}}^!$, 164
 $\text{Crys}_{\text{Corr}(\text{indnilSch}_{\text{laft}})}^{\text{ind-proper}}$, 172
 $\text{Crys}_{\text{Corr}(\text{PreStk}_{\text{laft}})}^{\text{indnilsch \& ind-proper}}$, 171
 $\text{Crys}_{\text{Corr}(\text{PreStk}_{\text{laft}})}^{\text{nil-open}}$, 171
 $\text{Crys}_{\text{indnilSch}_{\text{laft}}}$, 168
 $\text{Crys}^l(X)$, 179
 $\text{Crys}^r(X)$, 181
 $\text{Crys}^r(Y)_X$, 185

 \mathcal{D}_X^l , 179
 \mathcal{D}_X^r , 181
 $\mathbb{D}_{\mathcal{Z}}^{\text{Verdier}}$, 173
 $\mathbf{D}_{\mathcal{Z}}^{\text{Verdier}}$, 172
 $(\text{deg} = n)$, 230
 \mathfrak{d} , 41
 \mathfrak{d} , 356
 $(\text{DGCat}^{\text{SymMon}})_{\mathbf{O}}$, 291
 diag , 337
 diag^{enh} , 365, 368
 diag_X , 213
 $\sigma(\text{Diff}_X^{\text{op}})$, 181
 Diff_X , 178
 Distr , 291
 Distr^+ , 291
 $\text{Distr}^{\text{aug}}$, 291
 $\text{Distr}^{\text{Cocom}}$, 291
 $\text{Distr}^{\text{Cocom}^{\text{aug}}}$, 291
 $\text{Distr}^{\text{Cocom}^{\text{aug, ind-nilp}}}$, 292
 $\text{Dmod}^l(X)$, 179
 $\text{Dmod}^r(X)$, 181
 $\text{Dmod}^r(Y)_X$, 184
 dR , 164
 $/\mathcal{Y}\text{dR}$, 176
 $\text{Corr}(\text{dR})_{\text{indnilsch;all}}^{\text{ind-proper}}$, 171
 dx , 41
 $(dx)^*$, 41

 exp_X , 304

 $f_{\mathcal{Y}\text{dR},*}$, 177
 $f_{\mathcal{Y}\text{dR}}^!$, 177
 $f^{\dagger,l}$, 180
 $f^{\dagger,r}$, 185
 $f_{\text{Dmod},*}$, 187
 f_{dR} , 164
 $f_{\text{dR},*}$, 168
 $f_{\text{dR}}^!$, 165

 F_X^l , 179
 F_X^r , 182
 $f^{\blacktriangle,l}$, 180
 $f^{\blacktriangle,r}$, 184
 f^\wedge , 420
 $\text{FormGrpoid}(\mathcal{X})$, 215
 $\text{FormMod}/\mathcal{X}$, 206
 $\text{FormMod}_{\mathcal{X}'//\mathcal{X}}$, 206
 $\text{FormMod}_{\mathcal{X}}$, 208
 $\text{FormSeg}(\mathcal{X})$, 215
 free_A , 267
 $\text{free}_{\text{Assoc}}$, 249
 $\text{free}_{\text{LieAlgbroid}}$, 335
 $\text{free}_{\text{LieAlgbroid}^{\text{cl}}}$, 370
 $\text{free}_{\mathcal{P}}$, 227

 $\Gamma(\mathcal{X}, -)^{\text{IndCoh}}$, 142
 $\Gamma_{\text{Dmod}}(X, -)$, 187
 $\Gamma_{\text{dR}}(\mathcal{Z}, -)$, 173
 $(\text{gr} \rightarrow \text{Fil})$, 230
 $\text{Grp}(\text{FormMod}/\mathcal{X})$, 212
 $\text{Grp}(\text{FormMod}/\mathcal{X})'$, 314
 $\text{Grp}((\text{PreStk}_{\text{laft}}/\mathcal{X}))$, 215
 $\text{Grp}(\text{Spc}/X)$, 214
 $\text{Grpoid}(X)$, 213
 $\text{Grpoid}_{\text{laft}}(\mathcal{X})$, 215

 $\mathcal{H}\text{-mod}(\text{IndCoh}(\mathcal{X}))$, 318
 $\mathfrak{h}\text{-mod}(\mathbf{O})$, 271

 $'\text{ind}_{\text{dR},X}^r$, 182
 ind_{dR} , 175
 $\text{ind}_{\text{dR},\mathcal{Z}}$, 174
 $\text{ind}_{\mathcal{G}}$, 342
 $\text{ind}_{\text{dR},X}^l$, 179
 $\text{ind}_{\text{dR},X}^r$, 181
 $\text{IndCoh}(\mathcal{X})^{\geq 0}$, 124
 $\text{IndCoh}(\mathcal{X})^{\leq 0}$, 124
 $\text{IndCoh}(\mathcal{X})^{\mathcal{R}}$, 216
 $\text{IndCoh}_{\text{indinfSch}_{\text{laft}}}^!$, 139
 $\text{IndCoh}_{(\text{indinfSch}_{\text{laft}})_{\text{nil-closed}}}^!$, 139
 $\text{IndCoh}_{\text{indSch}_{\text{laft}}}^!$, 122
 $\text{IndCoh}_{(\text{indSch}_{\text{laft}})_{\text{ind-proper}}}^!$, 125
 $\text{IndCoh}_{(\text{indinfSch}_{\text{laft}})_{\text{nil-isom}}}^!$, 140
 $\text{IndCoh}_{(\text{indSch}_{\text{laft}})_{\text{nil-isom}}}^!$, 140
 $\text{IndCoh}_{(\text{Sch}_{\text{laft}})_{\text{proper}}}^!$, 125
 $\text{IndCoh}_{\text{Corr}(\text{indinfSch}_{\text{laft}})}^{\text{ind-proper}}$, 147
 $\text{IndCoh}_{\text{Corr}(\text{indSch}_{\text{laft}})}^{\text{ind-proper}}$, 148
 $\text{IndCoh}_{\text{Corr}(\text{indinfSch}_{\text{laft}})}^{\text{nil-closed}}$, 146
 $\text{IndCoh}_{\text{Corr}((\text{PreStk}_{\text{laft}}/\mathcal{Y})_{\text{indinfSch}})}^{\text{indinfSch \& ind-proper}}$, 176
 $\text{IndCoh}_{\text{Corr}(\text{PreStk}_{\text{laft}})}^{\text{indinfSch \& ind-proper}}$, 152
 $\text{IndCoh}_{\text{Corr}(\text{PreStk}_{\text{laft}})}^{\text{open}}$, 153

- IndCoh_{Corr(Sch_{laft})^{nil-closed}, 146}
- IndCoh_{indinfSch_{laft}}, 141
- IndCoh_{indSch_{laft}}, 127
- IndCoh_{(indSch_{laft})^{ind-closed}}, 127
- IndCoh_{(indSch_{laft})^{ind-proper}}, 127
- IndCoh_{(indinfSch_{laft})^{nil-closed}}, 141
- IndCoh_{Sch_{laft}}, 127
- indinfSch_{laft}, 104
- (indinfSch_{laft})^{nil-isom}, 140
- (indinfSch_{laft})^{nil-closed}, 139
- \mathcal{Y} indnilSch_{laft}, 177
- indnilSch_{laft}, 166
- (indnilSch_{laft})^{nil-closed}, 169
- indSch, 81
- ^{cl}indSch, 81
- ^{cl}indSch_{lft}, 81
- indSch_{laft}, 81
- (indSch_{laft}), 140
- \leq^n indSch, 81
- \leq^n indSch_{lft}, 81
- redindSch, 82
- redindSch_{lft}, 82
- Inert(R), 331
- inert(\mathcal{R}), 334
- Inert^{enh}, 365
- Inert^{inf}, 333
- Inert^{inf,enh}, 368
- Inert \mathcal{X} , 332
- Inert \mathcal{X} , 333
- inert \mathcal{X} , 334
- infSch_{laft}, 104
- ker-anch, 336
- $\mathfrak{L}^{\text{Fil}}$, 400
- $\mathfrak{L}\text{-mod}(\text{IndCoh}(\mathcal{X}))$, 342
- Lie, 227
- Lie \mathcal{X} , 310
- Lie \mathcal{X} , 305
- LieAlg(\mathbf{O}), 228
- LieAlgbroid(\mathcal{X}), 335
- LieAlgbroid(\mathcal{X})^{cl}, 370
- LieAlgbroid(\mathcal{X}/\mathcal{Z}), 336
- Loc _{$\mathfrak{h}, \mathcal{Y}/\mathcal{X}$} , 325
- $M_{\text{Inert}\mathcal{X}}$, 364
- $M_{\text{Inert}\mathcal{X}^{\text{inf}}}$, 367
- Monad(\mathfrak{T}), 366
- Monad(\mathfrak{T})^{sp1}, 366
- Monoid(FormMod/ \mathcal{X}), 212
- Monoid(Spec^{inf}), 296
- nilSch_{laft}, 166
- $\mathbf{O}'_{\text{triv}}$, 233
- $\text{oblv}_{\text{dR}, \mathcal{X}}^r$, 182
- oblv _{A} , 267
- oblv_{Assoc, 1/1}, 250
- oblv_{Assoc, 1//1}, 250
- oblv_{Assoc, 1/}, 249
- oblv_{AssocAlg, +}, 250
- oblv _{B} , 267
- oblv_{dR}, 165
- oblv_{dR, \mathcal{Z}} , 165
- oblv_{Fil}, 230
- oblv_{gr}, 230
- oblv _{\mathfrak{h}} , 271
- oblv _{\mathfrak{L}} , 342
- oblv_{dR, \mathcal{X}} ^{l} , 179
- oblv_{LieAlgbroid}, 335
- oblv_{LieAlgbroid^{cl}/T^{naive}}, 370
- oblv_{LieAlgbroid/ T} , 335, 336
- oblv _{\mathcal{P}} , 227
- oblv _{\mathcal{Q}} , 244
- oblv _{\mathcal{Q}} ^{ind-nilp}, 240
- oblv_{dR, \mathcal{X}} ^{r} , 181
- $\omega_{\text{Dmod}, \mathcal{X}}$, 183
- Ω^{fake} , 332, 333, 337
- $\Omega_{\mathcal{P}}$, 235
- $\Omega_{\mathcal{X}}$, 212
- $\mathcal{P}\text{-Alg}(\mathbf{O})$, 227
- $\mathcal{P} * V$, 243
- $p_{\text{dR}, \mathcal{Z}}$, 165
- $\mathcal{P} * V$, 227
- \mathcal{P}^{\vee} , 240
- Perf, 340
- PreStk_{closed} in \mathcal{X} , 86
- PreStk_{def}, 54
- (PreStk_{laft}) _{\mathcal{Y}} , 176
- PreStk_{laft-def}, 54
- PreStk_{nil-closed} in \mathcal{X} , 106
- PreStk_{nil-isom} to \mathcal{X} , 114
- PreStk_{nilp-emb} into \mathcal{X} , 90
- Prim _{\mathcal{Q}} , 244
- Prim _{\mathcal{Q}} ^{enh}, 245
- Prim _{\mathcal{Q}} ^{enh, ind-nilp}, 243
- Prim _{\mathcal{Q}} ^{ind-nilp}, 242
- convPro(QCoh(\mathcal{X})⁻)^{fake}, 40
- Pro(QCoh(\mathcal{X})⁻)^{fake}, 39
- Pro(QCoh(\mathcal{X})⁻)_{laft}, 33
- convPro(QCoh(S)⁻), 33
- Ptd(FormMod/ \mathcal{X}), 210
- Ptd((PreStk_{laft}) _{\mathcal{X}}), 215
- $\mathcal{Q}\text{-Coalg}(\mathbf{O})$, 243
- $\mathcal{Q}\text{-Coalg}^{\text{ind-nilp}}(\mathbf{O})$, 240
- \mathcal{Q}^{\vee} , 240
- QCoh(X) ^{$\varphi, \text{proj}; \mathfrak{s}_0$} , 371
- $\mathcal{R}_{\text{scaled}}$, 397
- $\mathcal{R}_{\text{scaled}}^{\bullet}$, 397
- RealSplitSqZ, 24, 312, 353
- RealSqZ, 43, 345, 353
- RealSqZ/ \mathcal{X}_0 , 349
- Rees, 231

- $\mathbf{res}^{\text{Assoc}^{\text{aug}} \rightarrow \text{Lie}}$, 260
 $\mathbf{res}^{\text{Cocom} \rightarrow \text{Coassoc}}$, 254
 $\mathbf{res}^{\text{Com} \rightarrow \text{Assoc}}$, 254
 $\mathbf{res}^{* \rightarrow *}$, 245
- $S_{\mathcal{F}}$, 24
 Scale, 393
 $\text{Scale}^{\mathbb{A}^1_{\text{left-lax}}}$, 393
 $(\text{Sch})_{\text{affine}}$, 46
 $\text{Sch}_{\text{closed}}$ in \mathcal{X} , 86
 $(<^{\infty} \text{Sch}_{\text{ft}}^{\text{aff}})$ nil-isom from X , 209
 $\text{Sch}_{\text{nil-closed}}$ in \mathcal{X} , 106
 $\text{Sch}_{\text{nil-isom}}$ to \mathcal{X} , 114
 $\text{redSch}^{\text{aff}}$, 60
 $\text{Sch}_{X/}$, inf-closed, 43
 $\text{Seg}(X)$, 213
 $\text{Seg}_{\text{lft}}(\mathcal{X})$, 215
 $\text{ShvCat}(\mathcal{Z})$, 416
 Spec^{inf} , 294
 $\text{Spec}^{\text{inf}}(\mathcal{A})_{\text{nil-isom}}$, 294
 $\text{Spec}^{\text{inf, ind-nilp}}$, 296
 $\text{SplitSqZ}(S)$, 24
 $\text{SqZ}(\text{PreStk})$, 71
 $\text{SqZ}(\text{Sch})$, 47
 $(\text{SqZ}(\text{Sch}))_{\text{affine}}$, 46
 $\text{SqZ}(\mathcal{X}, \mathcal{I})$, 71
 Sym , 255
 $\underline{\text{Sym}}$, 256
 $\underline{\text{Sym}}_+$, 256
- $T(\mathcal{X})$, 40
 $\mathcal{T}(\mathcal{X})$, 338
 $\mathcal{T}(\mathcal{X}/\mathcal{Y})$, 339
 $T_x^*(\mathcal{X})$, 42
 $T_x^*(\mathcal{X})$, 25
 $T_x^*(\mathcal{X}/\mathcal{X}_0)$, 28
 $T_{\text{naive}}(X)$, 370
 $T_x(\mathcal{X})$, 36
 $\mathbf{triv}_{\mathfrak{h}}$, 271
 $\mathbf{triv}_{\mathcal{P}}$, 227
 $\mathbf{triv}_{\mathcal{Q}}$, 244
 $\mathbf{triv}_{\mathcal{Q}}^{\text{ind-nilp}}$, 240
- U , 260
 $U(\mathfrak{L})$, 344
 $U(\mathfrak{L})^L$, 344
 $U(\mathfrak{L})^{\text{Fil}}$, 414
 U^{Fil} , 261
 U^{gr} , 262
 U^{Hopf} , 261
 $(U^{\text{Hopf}})^{\text{Fil}}$, 261
 $\Upsilon_{\text{Dmod}, X}$, 183
 $\Upsilon_{X_{\text{dR}}}$, 183
- $V^{\text{deg}=n}$, 230
 Vect^{Σ} , 226
 $\text{Vect}_{\text{f.d.}}^{\Sigma}$, 239
 $\text{Vect}_X(\mathcal{F})$, 297
 $\text{VF}(\mathcal{X})$, 361
 $\text{Weil}_{\mathbb{Z}_2}^{\mathbb{Z}_1}(\mathcal{X}_1)$, 425
 $\mathcal{X}^{(n)}$, 408
 $\mathcal{X}^{\text{scaled}, (n)}$, 408
 $\mathcal{X}^{\text{scaled}, \mathbb{A}^1_{\text{left-lax}}, (n)}$, 408
 $\mathcal{X}_{\mathcal{Y}}^{\wedge}$, 104
 $\mathcal{X}/\exp(\mathbf{free}_{\text{Lie}}(V))$, 360
 $\mathcal{Y}_{0, \mathbb{A}^1_{\text{left-lax}}}$, 400
 $\text{red}\mathcal{Y}$, 60
 $\mathcal{Y}_{\text{scaled}}$, 398
 $\mathcal{Y}_{\text{scaled}, \mathbb{A}^1_{\text{left-lax}}}$, 399
 \mathcal{Z}_{dR} , 104

Index

- $(-n)$ -connective corepresentable
 - deformation theory, 54
- $(-n)$ -connective cotangent complex, 38
- $(-n)$ -connective pro-cotangent space, 31
- $(-n)$ -connective deformation theory, 54
- $(-n)$ -connective pro-cotangent complex, 38
- $(-n)$ -connective pro-cotangent space, 31

- admits cotangent spaces, 27
- admits pro-cotangent spaces, 27
- almost of finite type (pro-)quasi-coherent sheaf, 33
- anchor map, 335
- Atiyah algebroid, 342
- augmented associative algebra, 227
- augmented commutative algebra, 227

- Chevalley functor, 253
- classical ind-scheme, 81
- classical Lie algebroid, 370
- closed embedding, 60
- co-algebra over a co-operad, 243
- co-differential map, 41
- co-operad, 239
- cocommutative bialgebra, 257
- cocommutative Hopf algebra, 257
- codifferential of x , 41
- composition monoidal structure, 227
- connective cotangent spaces, 32
- connective pro-cotangent spaces, 32
- cotangent complex, 37
- cotangent space, 27
- crystal, 164

- de Rham prestack, 104
- de Rham resolution, 410
- deformation to the normal bundle, 398
- differential of x , 41

- effective epimorphism, 366
- (strict) equivariance, 387
- eventually connective cotangent space, 31
- eventually connective pro-cotangent space, 31
- exponential map, 303

- filtered object, 230
- formal completion, 104
- formal moduli problem over \mathcal{X} , 206
- formal moduli problem under \mathcal{X} , 208
- formal vector prestack, 296
- formally smooth, 57

- given by a surjective system, 84
- graded object, 230
- groupoid, 213

- Hodge filtration, 410

- ind-affine ind-scheme, 87
- ind-affine morphism, 87
- ind-closed embedding, 87
- ind-finite morphism, 88
- ind-inf-scheme, 103
- ind-nilpotent co-algebra, 239
- ind-proper morphism, 88
- ind-schematic morphism, 87
- ind-scheme, 81
- inertia group, 332
- inertia monad, 364
- inf-affine, 300
- inf-scheme, 103
- inf-spectrum, 294
- infinitesimal inertial group, 333
- infinitesimally cohesive, 51
- infinitesimally linearizable, 25

- Koszul duality, 240

- left D-modules, 179
- left-lax equivariance, 387
- Lie algebroid, 335
- Lie operad, 228
- locally eventually connective cotangent space, 31
- locally eventually connective deformation theory, 54
- locally eventually connective pro-cotangent complex, 38
- locally eventually connective pro-cotangent space, 31

- map of square-zero extensions, 46
- n -coconnective ind-scheme, 81
- n -th infinitesimal neighborhood of X in Y , 408
- nil base change, 133
- nil-closed, 60
- nil-closed-embedding, 166
- nil-isomorphism, 60
- (ind)-nil-schematic, 166
- nil-schematic ind-scheme, 90
- nil-separated, 150
- nilpotent embedding, 50, 60
- non-negatively filtered object, 230
- non-positively filtered object, 230
- (unital) operad, 227
- \mathcal{P} -algebras in \mathbf{O} , 227
- pro-cotangent complex, 37
- pro-cotangent space, 25
- pseudo-nilpotent embedding, 60
- reduced indscheme, 81
- regular embedding of relative codimension n , 419
- relative pro-cotangent space, 28
- right D-modules, 181
- right-lax equivariance, 387
- shifted anchor map, 337
- smooth of relative dimension n , 421
- special monad, 367
- split square-zero extension, 24
- splitting of a Lie algebroid, 338
- square-zero extension, 43
- square-zero extension of \mathcal{X} , 71
- symmetric sequence, 226
- tangent Lie algebroid, 338
- tangent space, 36
- uniformly eventually connective
 - corepresentable deformation theory, 54
- uniformly eventually connective cotangent complex, 38
- uniformly eventually connective cotangent spaces, 31
- uniformly eventually connective deformation theory, 54
- uniformly eventually connective pro-cotangent complex, 38
- uniformly eventually connective pro-cotangent spaces, 31
- universal envelope of a Lie algebra, 260
- Verdier duality, 173
- Weil restriction, 425
- \mathcal{X} admits corepresentable deformation theory, 54
- \mathcal{X} admits deformation theory, 54
- zero Lie algebroid, 339