Errata to the Book:

"Derived Categories" by Amnon Yekutieli

Cambridge Studies in Advanced Mathematics 183 Cambridge University Press, 2019

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Here is a list of corrections to the book, discovered so far, ordered by page numbers. This list will be updated periodically. Please contact the author regarding these or new errors in the book.

Page 42: The symbol ":" should be replaced with ":=" in the displayed formula in the 3rd line from the bottom; the correct formula is:

$$\Gamma(U, \operatorname{Coker}^{\operatorname{pr}}(\phi)) := \operatorname{Coker}(\phi : \Gamma(U, \mathcal{M}) \to \Gamma(U, \mathcal{N})).$$

Page 66: A parenthesis should be deleted in the displayed formula in the 10th line; the correct formula is:

$$\phi_0 \otimes \phi_1 \in \operatorname{Hom}_{\mathbb{K}}(M_0 \otimes M_1, N_0 \otimes N_1)^{\iota_0 + \iota_1}$$

Page 357: The third paragraph in Remark 13.3.26, which starts with "It is proved in [62]...", should be replaced with the following paragraph:

"By the results in [62, Section IV.2], when *M* is a finitely generated *A*-module with $\dim_R(\operatorname{Supp}(M)) = d$, then *M* is a CM module (in the conventional sense, see [105]) iff M[d] a CM complex w.r.t. *R*."

Page 395: In line 2, after "the functorial isomorphism θ ", this text should be inserted: "and the commutative diagram

$$F(M) \xrightarrow{\theta_{F(M)}} (F \circ G \circ F)(M) \xrightarrow{F(\zeta_M)} F(M)$$

we obtain from [102, Theorem IV.1]".

Page 582: In line 3 of Remark 18.6.3 the reference "[108, Proposition 3.24]" should be replaced with "[L.L. Avramov and S. Iyengar, Gaps in Hochschild Cohomology Imply Smoothness for Commutative Algebras, Math. Res. Letters 12 (2005), 789-804]".

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