

A Weird Story

In the entry “Grothendieck functor” of the “Encyclopaedia of Mathematics, Edited by Michiel Hazewinkel” [EOM]

<http://eom.springer.de/G/g045160.htm>

one reads

“In the English literature, the Grothendieck functor is commonly called the [Yoneda embedding](#) or the Yoneda–Grothendieck embedding.”

On page -14 of Reprints in Theory and Applications of Categories, No. 3, 2003.
Abelian Categories, by Peter J. Freyd

<http://www.tac.mta.ca/tac/reprints/articles/3/tr3abs.html>

(direct link: <http://www.tac.mta.ca/tac/reprints/articles/3/tr3.pdf>)

one reads

“The Yoneda lemma turns out not to be in Yoneda’s paper. When, some time after both printings of the book appeared, this was brought to my (much chagrined) attention, I brought it the attention of the person who had told me that it was the Yoneda lemma. He consulted his notes and discovered that it appeared in a lecture that MacLane gave on Yoneda’s treatment of the higher Ext functors. The name “Yoneda lemma” was not doomed to be replaced.”

The link to the article

[Grothendieck, Alexander](#)

Technique de descente et théorèmes d'existence en géométrie algébriques. II. Le théorème d'existence en théorie formelle des modules Exp. No. 195, 22 p. [Février 1960.]

quoted in the EOM entry mentioned above is

http://www.numdam.org:80/numdam-bin/item?id=SB_1958-1960__5_369_0

URL of this Google document:

<https://docs.google.com/document/d/1IoNnomFjCUVguedfjde6ImVROYzCWsPqO2Tw8hNgbpU/edit?hl=en>

Wordpress version of this document:

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