

What is internal logic?

Giulio Lo Monaco

April 15, 2019

These are the references for my talk of April 15, 2019 about the basics of internal logic in a category with some nice assumptions.

I learned the material primarily from chapter 2 of [MR78] and section D.1.1 through D.1.4 of [Joh03].

References

- [Joh03] Peter T. Johnstone. *Sketches of an Elephant: A Topos Theory Compendium*. Oxford University Press, 2003.
- [MR78] Michael Makkai and Gonzalo E. Reyes. *First Order Categorical Logic*. Springer-Verlag, Berlin, Heidelberg, 1978.