

NYC Category Theory Meetup

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August 12, 2019

1 Syllabus

This meetup will be full dive into Category Theory, aimed at the sophisticated grade student, or a particularly dedicated undergrad.

1.1 Logistics

The meetup will be held Sundays at 5pm, at the Kadena Office in Gowanus - 92 3rd St. Brooklyn, NY, 11231 (just ring the bell for the Kadena office). You can find us on the 2nd floor, a block and a half off of the Carroll St. F stop. Pizza and drinks will be provided on location if I can schedule them in time.

1.2 Textbook

We'll be using the book *Category Theory in Context* by Emily Riehl. You can find this book for \$30 on Amazon, paperback. Alternatively, if you cannot afford the book, there is a free version here: [Category Theory in Context](#)

Additionally, we may refer to *Categories for the Working Mathematician* by Saunders MacLane, and *Seven Sketches in Compositionality* by Fong and Spivak. The latter two are nice-to-haves, but not necessary. Much of the content for the group can be cobbled together from various blog posts and alternative resources.

1.3 Misc

Meetup materials will be hosted at cohomology, and discussion will be held in #categorytheory in the following discord: <https://discord.gg/DHQgRq2>