



# Categories Work

- [Saunders MacLane](#),  
*Categories for the Working Mathematician*  
Graduate texts in mathematics, Springer, 1971

is a classical textbook on [category theory](#). See also

- [Saunders MacLane](#), [Lectures on category theory](#), *Bowdoin Summer School 1969, Notes taken by [Ellis Cooper](#)*

The original edition has the following chapters

- I. Categories, functors, and natural transformations
- II. Constructions on categories
- III. Universals and limits
- IV. Adjoints
- V. Limits
- VI. Monads and algebras
- VII. Monoids
- VIII. Abelian categories
- IX. Special limits
- X. Kan extensions

The 2nd edition was published in 1997 with two additional chapters:

- XI. Symmetry and braidings in monoidal categories
- XII. Structures in categories

*Categories Work* is the standard reference for category theory, and we may often cite it here. Almost all of its terminology is widely adopted, although its approach to [foundations](#) (one [Grothendieck universe](#)) is not as widely used (see [discussion](#) at nForum).

- [wikipedia](#)

category: [reference](#)

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