

category theory homology theory pdf

Category theory formalizes mathematical structure and its concepts in terms of a labeled directed graph called a category, whose nodes are called objects, and whose labelled directed edges are called arrows (or morphisms). A category has two basic properties: the ability to compose the arrows associatively, and the existence of an identity arrow for each object.

Category theory - Wikipedia

Journal-ref: Authors: J. Paseka, S.A. Solovyov, Title: Categorical foundations of variety-based bornology, Journal: Fuzzy Sets and Systems 291 (2016), 132-143

Category Theory authors/titles recent submissions

Algebraic K-theory is a subject area in mathematics with connections to geometry, topology, ring theory, and number theory. Geometric, algebraic, and arithmetic objects are assigned objects called K-groups. These are groups in the sense of abstract algebra. They contain detailed information about the original object but are notoriously difficult to compute; for example, an important outstanding ...

Algebraic K-theory - Wikipedia

Volume 33 - 2018. 1. Spans of cospans in a topos Daniel Cicala and Kenny Courser, 1-22 abstract | pdf 2. Actor of a crossed module of Leibniz algebras Jos  Manuel Casas, Rafael Fern ndez-Casado, Xabier Garc a-Mart nez, Emzar Khmaladze, 23-42

Theory and Applications of Categories

iii. Weil, A., Basic Number Theory, Springer, 1967.

The articles of Serre and Tate in Cassels and Frohlich 1967, and Janusz 1973, have been especially useful in the writing of these notes.

CLASS FIELD THEORY - James Milne

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