

Ehresmann, Andrée C.

Colimits in free categories. (English) Zbl 0919.18002

Diagrammes 37, 3-12 (1997).

This paper characterizes diagrams admitting a colimit in a category with diagonals. Since free categories and groupoids are such categories, the above characterization naturally leads to specific results in these special categories. The author discusses a possible application of much interest in biology and neurology, in which the formation of higher order objects is allegedly represented by a completion process.

Reviewer: [Hirokazu Nishimura \(Tsukuba\)](#)

MSC:

18A30 Limits and colimits (products, sums, directed limits, pushouts, fiber products, equalizers, kernels, ends and coends, etc.)

18B40 Groupoids, semigroupoids, semigroups, groups (viewed as categories)

92B99 Mathematical biology in general

Keywords:

[groupoids](#); [neurology](#); [colimit](#); [category with diagonals](#)

Full Text: [EuDML](#)

References:

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