

Part₇∈C^{Parts}

Visual Category Theory Brick by Brick, Part 7: Using LEGO® to Teach Abstract Mathematics

Published by OpenTask, Republic of Ireland

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A CIP catalog record for this book is available from the British Library.

ISBN-13: 978-1912636464 (Paperback)

Revision 1.00 (December 2020)

In $Part_5$ we introduced an exponential of objects $X,Y \in Ob(C)$. It can be thought of as representing a collection of arrows between two objects X and Y. It is also an object of C (internal view) in contrast to a set of arrows $Hom_C(X,Y) = \{f | f \in Ar(X,Y)\} \in Sets$, also called hom-set (external view).

In addition to 14 books mentioned in $Part_1$, $Part_3$ - $Part_6$ we also used:

- Enriched Meanings: Natural Language Semantics with Category Theory by Ash Asudeh and Gianluca Giorgolo
- Categories for the Working Mathematician, Second Edition by Saunders Mac Lane