On composition in categories

John Pardon

17 April 2018

Figure 1: This figure makes sense. Everything is matched up visually, and it’s nice and easy to read.

\[ C(X,Y) \otimes C(Y,Z) \rightarrow C(X,Z) \]

Figure 2: This figure just looks backwards. There’s nothing incorrect about it; it just seems likely to cause unnecessary confusion.

\[ C(Y,Z) \otimes C(X,Y) \rightarrow C(X,Z) \]