

Visual tegory Theory

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$\text{Part}_2 \in C^{\text{Parts}}$

Visual Category Theory Brick by Brick, Part 2: Using LEGO® to Teach Abstract Mathematics

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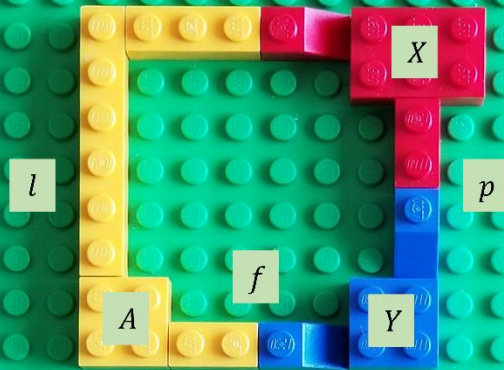
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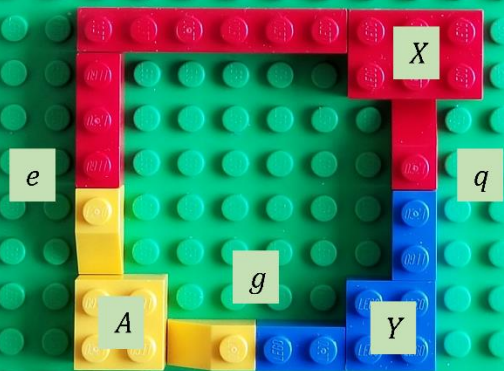
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Duality: reversing all arrows and composition order



Lifting: we lift $f = p \circ l$ to a larger target X



Extension: we extend $g = e \circ q$ to a larger domain X