

What is a Universal Property?

Modern Algebra 1

Fall 2008

The Algebraization of Functional Composition

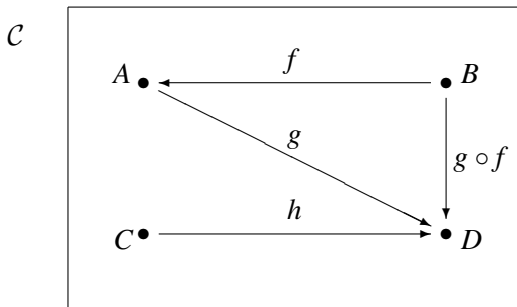
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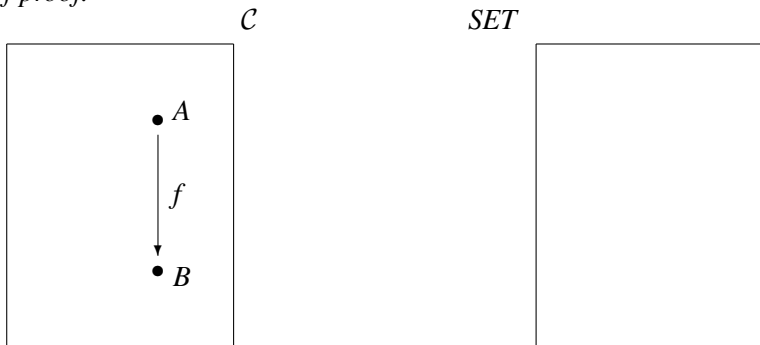
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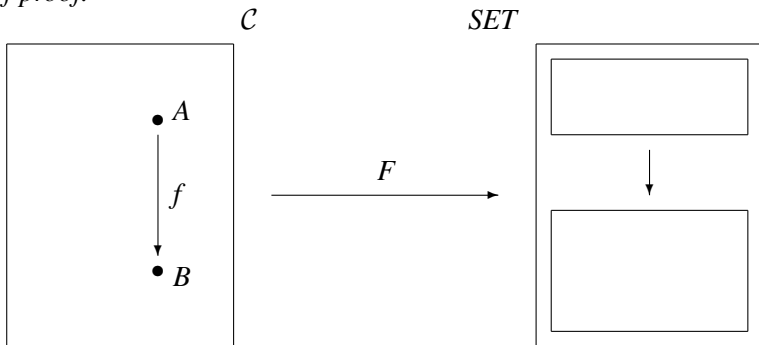
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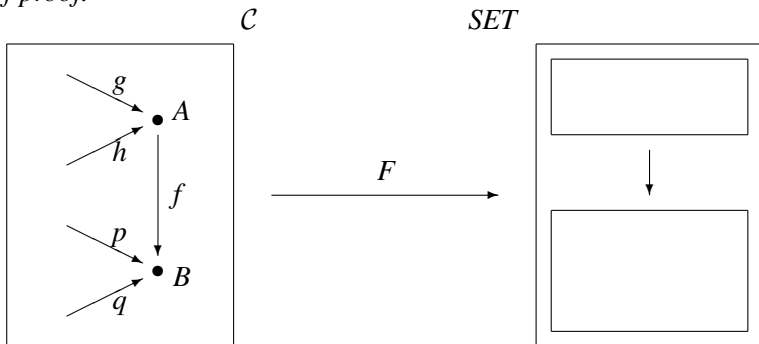
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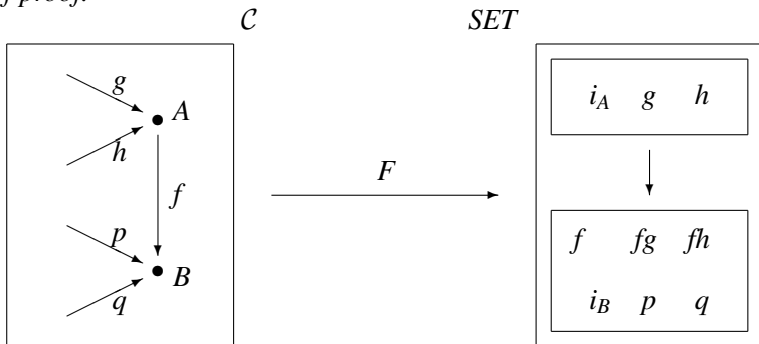
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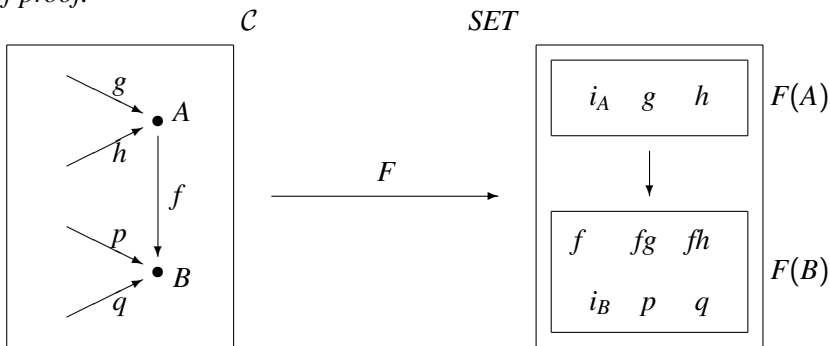
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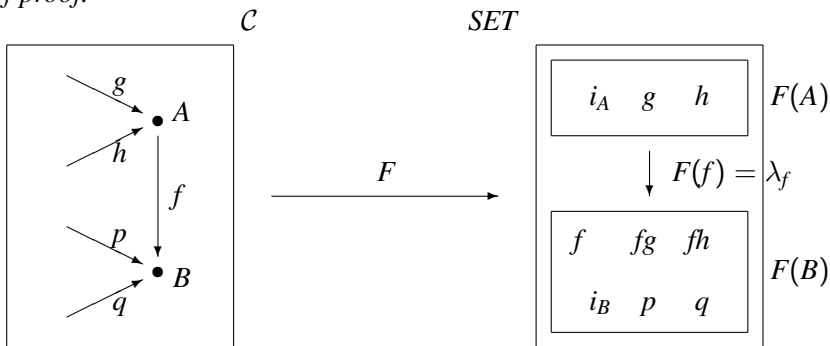
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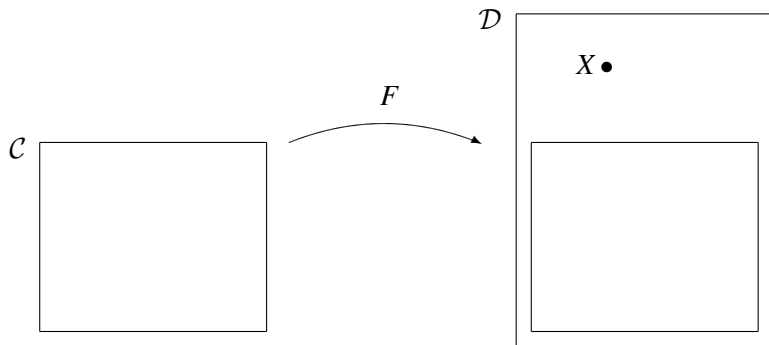
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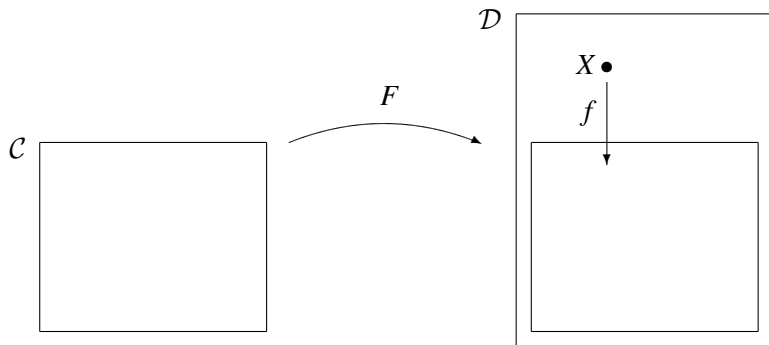
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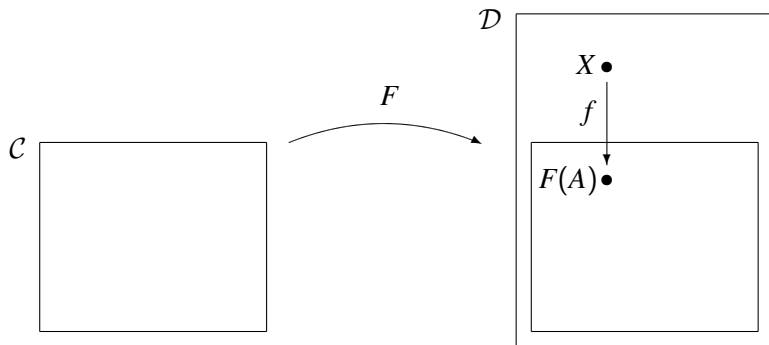
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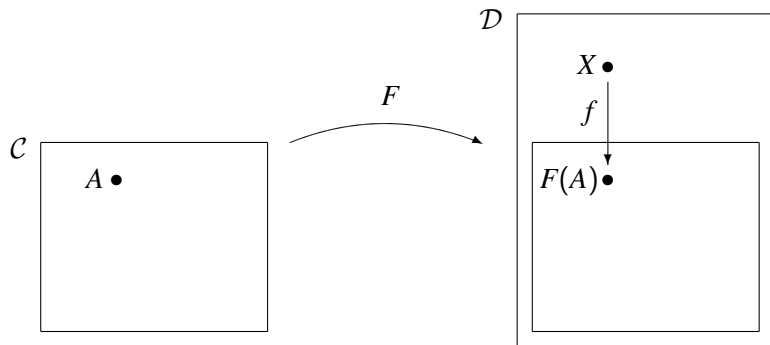
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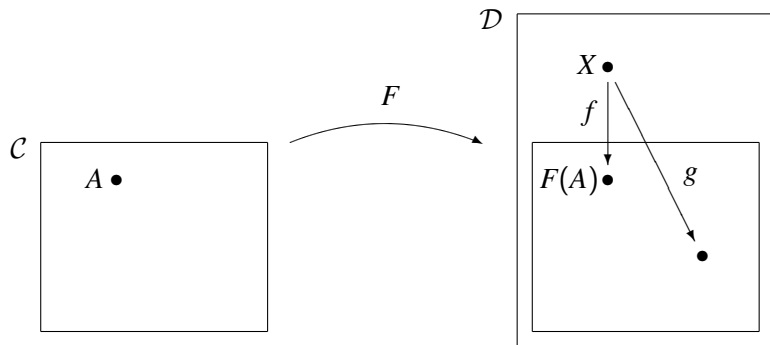
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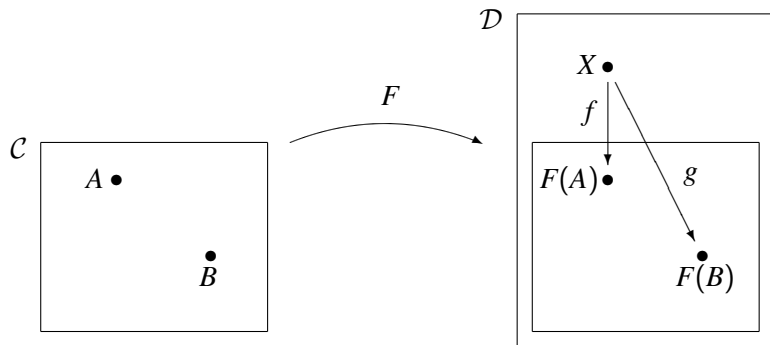
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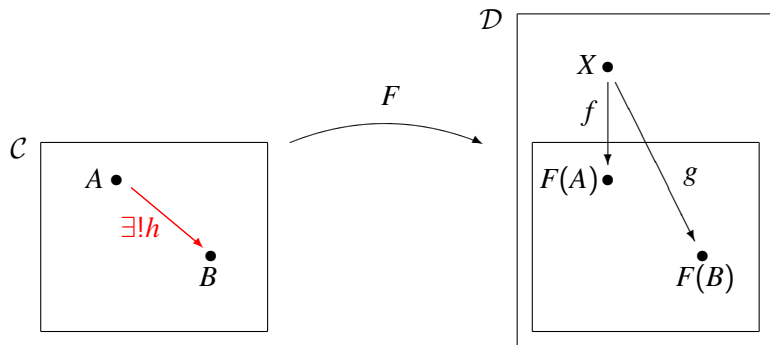
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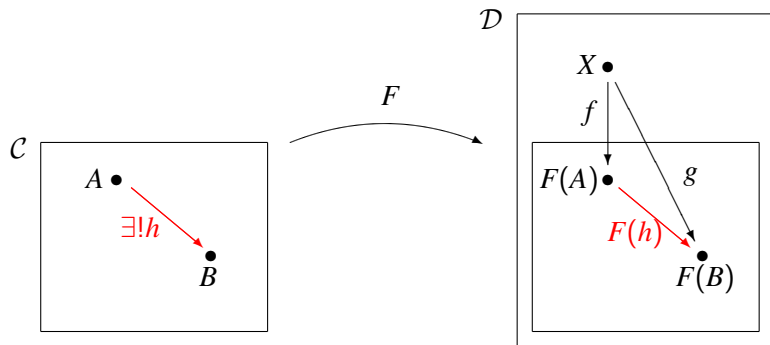
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Examples

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- (2) A universal morphism **to** Δ **from** X is a *coproduct* of A and B .