

# Consistency in the Cloud II

## Consistency v. Latency in Geo-Replicated Systems

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# Example 1

Consistency in  
the Cloud II

Satabdi  
Aditya and  
Shannon  
Harwick

Li et al.

Lloyd et al.

## Theorem

*Every finite distributive lattice can be embedded in a boolean lattice.*

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## Theorem

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## Proof.

Use join-irreducible elements.



# Example 2

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■ a local maximum, or

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- a local maximum, or
- a local minimum, or

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- a local maximum, or
- a local minimum, or
- an inflection point.



# Example 3

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# Example 3

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