Continuous Non-Malleable Secret Sharing

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Secret Sharing


Secret Sharing
Non-Malleability

Goyal and Kumar STOC'18: Non-Malleable Secret Sharing!

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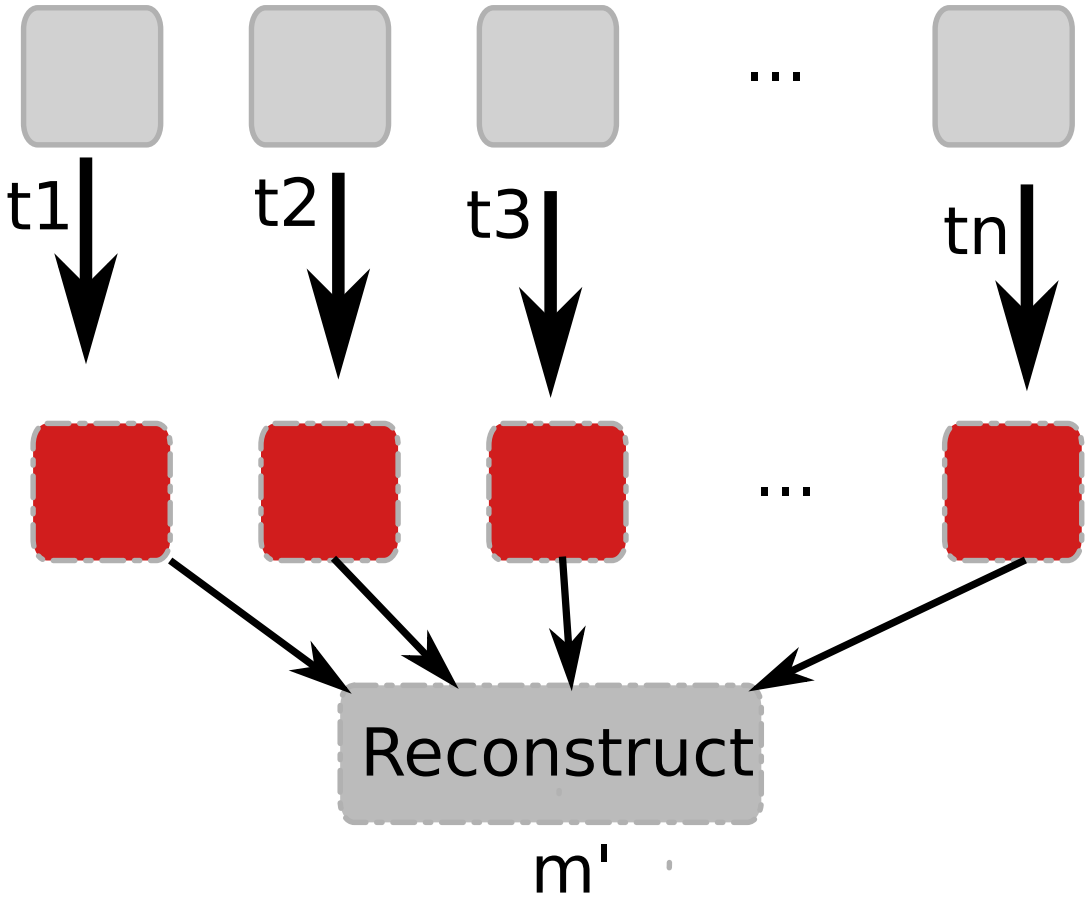

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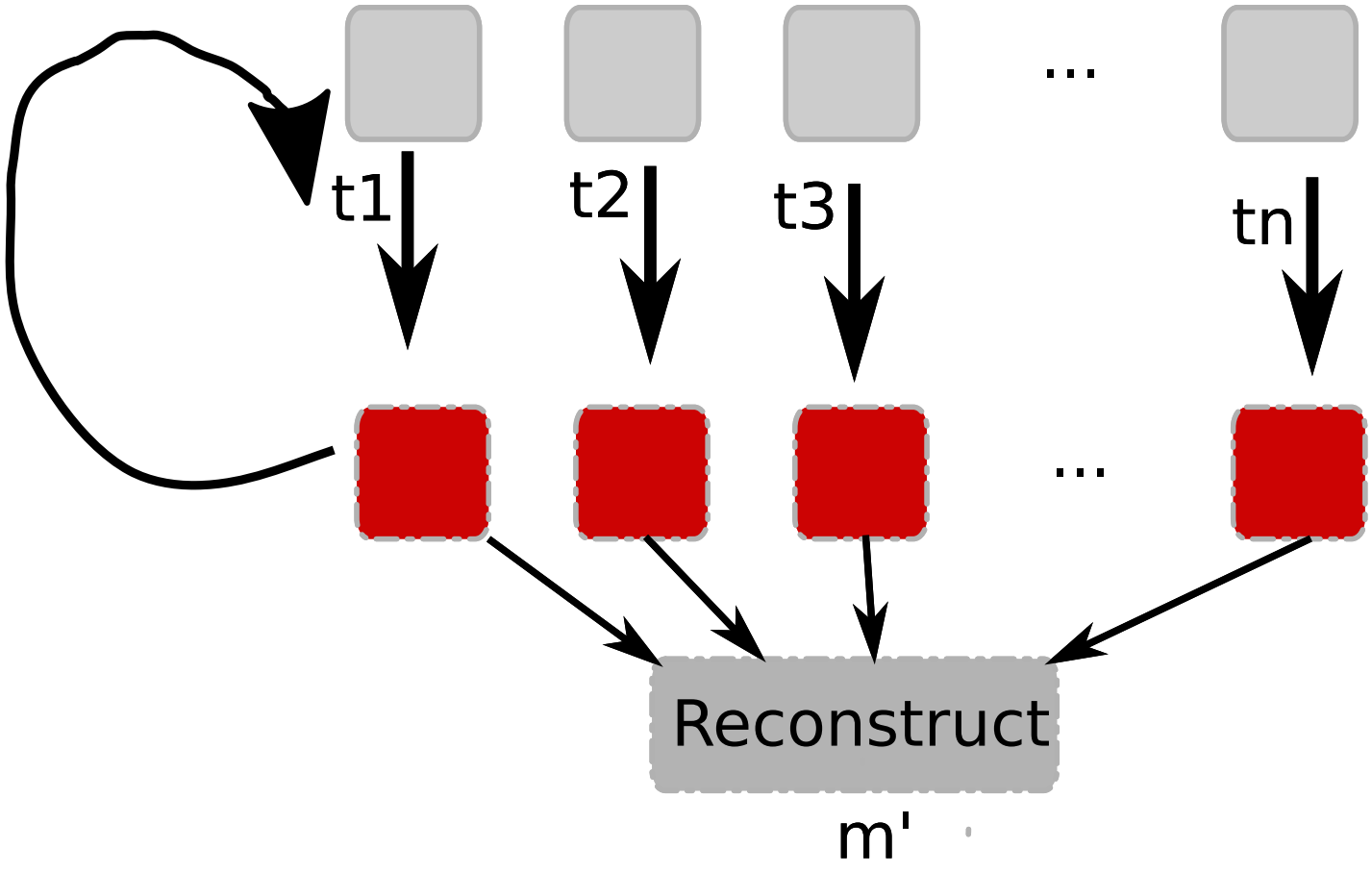

Continuous?

Our results: simple compiler, rate-1, split-state, based on one-way function only.

How do we do it:

- A **special** CNM Code (2-out-of-2 CNM-Secret Share)
- A threshold SS
- Authenticated Encryption

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- Love