Communication
Complexity

Jake Kinsella
and Max von
Hippel

Introduction
Examples
Methods
Fooling Set Method
Tiling Method
2-Party Discrepency
Method

Multi-Party
Generalization
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Multi-Party
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Other Variants
Non-Deterministic
Randomized

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April 9, 2021

If Alice knows x, and Bob knows y, how many bits of information must they communicate, in order for both Alice and Bob to know $f(x, y)$?

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3 Other Variants
- Non-Deterministic
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Introduction (Max)

TODO

Examples (Jake)

TODO

Methods

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Multi-Party Generalization (Jake)

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Randomized (Max)

TODO