Robustness of deterministic consensus hierarchy (M1)

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Despite continuous efforts, the question whether the deterministic consensus hierarchy is robust remains open for 30 years. The goal of this project is to use all the help we have now to finally resolve it.

For students interested in the fundamentals and intrigued by the difficulty of distributed computing puzzles, certain mathematical background is welcome.

References

- Wait-free synchronization and consensus hierarchy: https://dl.acm.org/doi/10.1145/114005.102808
- Robustness definition: https://dl.acm.org/doi/pdf/10.1145/263867.263888
- Robustness for one-shot deterministic objects: https://arxiv.org/html/1607.06139v2