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Strong bounds for evolution in networks

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Highlights

- We consider the fixation probability with respect to the initial mutant vertex.
- We aim in finding graphs with many “strong starts” or “weak starts” of the mutant.
- We introduce the notions of selective amplifiers and selective suppressors.
- We prove the existence of strong selective amplifiers and suppressors.
- We provide almost tight lower bounds for the fixation probability (Thermal Theorem).

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