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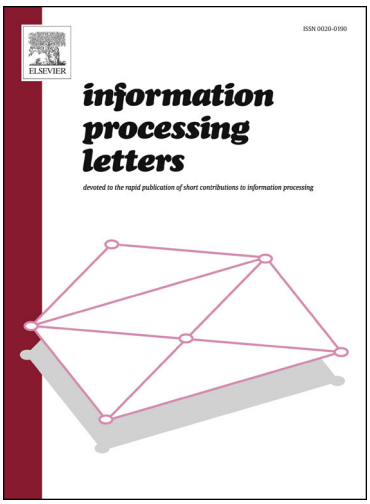

A distributed leader election algorithm in crash-recovery and omissive systems

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Highlights

- Leader election is a key service for many dependable distributed systems.
- Several consensus protocols, e.g., Paxos, rely on a leader election service.
- We present a leader election algorithm for crash-recovery and omission environments.
- We assume that eventually a majority of processes are up and do not omit messages.