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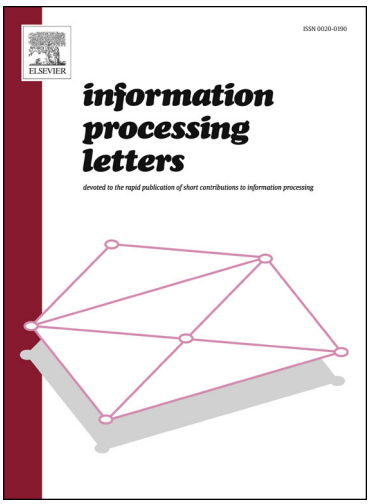

Signum-function array activated ZNN with easier circuit implementation and finite-time convergence for linear systems solving

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Highlights

- A new-type ZNN activated by the signum-function array is proposed for linear systems.
- A theorem is given to illustrate the excellent finite-time convergence.
- The circuit schematic of the signum-function array activated ZNN is given.
- A representative example is presented to substantiate the efficacy.
- A comparative simulation result further shows the excellent finite-time convergence.

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