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Title: Comparison of four electrical interfacing circuits in wind energy harvesting

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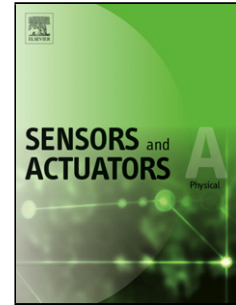
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Highlights

- Four electrical interfaces in galloping-based wind energy harvesting are evaluated and compared.
- Analysis is validated by wind tunnel experiment and circuit simulation.
- SCE circuit is suitable for weak coupling and higher wind speed conditions.
- SSHI circuits suit weak and medium coupling conditions with low cut-in wind speed requirements.
- The standard circuit is recommended for strong coupling.

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