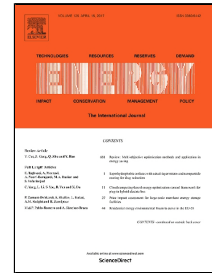


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Numerical investigation on VIV energy harvesting of bluff bodies with different cross sections in tandem arrangement

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Highlights

VIV energy harvesting of two bluff bodies in tandem arrangement is investigated.

Five groups of bluff bodies with different cross sections are analyzed.

The motion of the upstream cylinder is suppressed when the spacing is less than $5D$.

The downstream cylinder is largely affected by the upstream cylinder.

All the amplitude curves of the cylinders have a similar rule and change regularly.

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