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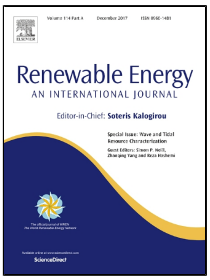

Numerical Analysis of Lightning Attachment to Wind Turbine Blade

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Highlights：

1 A new Blade Lightning Protection Zone for rating the lightning risk is defined.

2 The best receptor cross-sectional area for the interception effect is proposed.

3 The effect of increasing the numbers of receptors on interception effect is found.

4 The interception efficiency for different rotating angle is analyzed.

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