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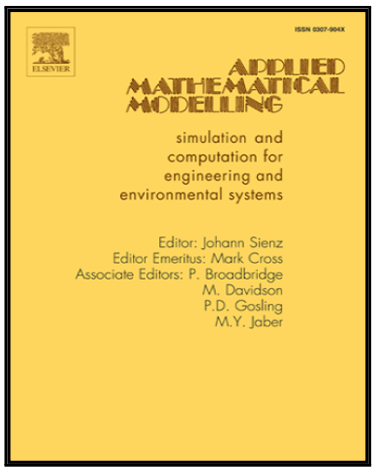

Correlation of Design Parameters with Performance for Electrostatic Precipitator. Part I. 3D Model Development and Validation

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Highlights

- Development and validation of 3D modelling for electrostatic precipitators.
- Shielding effects between wires are captured for the multi-wire precipitators.
- Validation considers both global and local performances of the precipitator.
- Good agreement with six experimental and four numerical works from literature.

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