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Computational Electromagnetic Modeling And Experimental Computational electromagnetics (CEM), computational electrodynamics or electromagnetic modeling is the process of modeling the interaction of electromagnetic fields with physical objects and the environment.. It typically involves using computer programs to compute approximate solutions

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Computational Electromagnetic Modeling And Experimental Computational Electromagnetic Modeling And Experimental COMPUTATIONAL ELECTROMAGNETIC MODELING AND ... computational electromagnetic (CEM) models Figure 1 CEM Flowchart 3 Aircraft Test Campaign Before testing, several lightning attachment scenarios were selected in an

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computational electromagnetic (CEM) models. The aircraft is injected with different lightning current attachment scenarios while measurements of currents, voltages and magnetic fields focused in the composite wing area. The high fidelity aircraft model has been resolved with EMA3D software. It includes accurate structural features, fasteners, wiring and systems tubing.

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Computational Electromagnetic Modeling And Experimental
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Computational Electromagnetic Modeling And Experimental
Computational electromagnetics, computational electrodynamics or electromagnetic modeling is the process of modeling the interaction of electromagnetic fields with physical objects and the environment. It typically involves using computer programs to compute approximate solutions to Maxwell's equations to calculate antenna performance, electromagnetic compatibility, radar cross section and electromagnetic wave propagation when not in free space. A large subfield is antenna modeling computer prog

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Professor G. Wayne Brodland - Computational Modeling
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