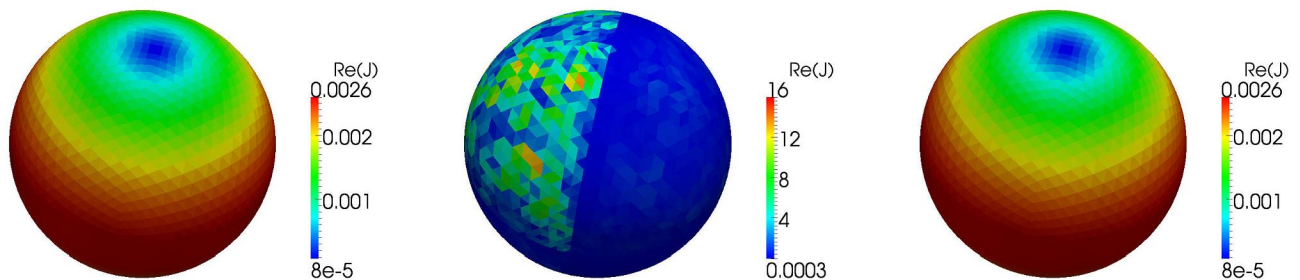


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Scattering of a plane wave by a conducting sphere, EC regime: real part of current density J (in A/m^2), with $\varepsilon_r^d = 1$, $\xi = 0.1$, and $\gamma \approx 7.5 \times 10^{-4}$ (left), $\gamma \approx 7.5 \times 10^{-7}$ without (middle) and with (right) loop-tree decomposition. From the paper, "A Multi-Step Solution Algorithm for Maxwell Boundary Integral Equations Applied to Low-Frequency Electromagnetic Testing of Conductive Objects," by A. Vigneron *et al.*, Art. no. 7005208.

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