

Abstract Submitted
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Vector Inverses and Other Powerful Applications of Geometric Algebra TIM WENDLER, MANUEL BERRONDO, Brigham Young University
— Geometric algebra has an elegance and simplicity that motivates reforming traditional analytic representations in physics. I exploit the ease of the vector inverse with a sphere-to-plane mapping application on the method of images in electrostatics. I also briefly explore rotors, Green functions, and more, to illustrate the power of geometric algebra in the physics curriculum.

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