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**Johannes Familton\*** (jfamilton@bmcc.cuny.edu), BMCC CUNY, Mathematics Dept, 199 Chambers Street, New York, NY 10007, and **Richard Friedberg**. *Maxwell, Clifford, and Hestenes*.

Since Maxwell first wrote his equations they have been rewritten in many different ways. Maxwell himself first wrote them as components (1862-1865) and then in quaternions (1873). In this talk we will look at the 4D Clifford algebra formalism and how it has been used in Hestenes' version of Geometric Algebra to derive Maxwell's equations. (Received September 08, 2018)