Let's remove Quaternions from every 3D Engine (2018) 100% agree that bivectors are an easier way to think about quaternions with less magical hand-waving. However, I have an opinion that feels important which I like to post whenever geometric algebra comes up: Just because multivectors...

Pseudovector - Wikipedia Clifford algebra; Antivector, a generalization of pseudovector in Clifford algebra; Orientation (mathematics) - Description of...

Geometric algebra - Wikipedia 23/02/2020. mpl_toolkits.clifford. A python package for plotting the multivectors of Geometric Algebra, from the clifford package, using matplotlib. See the examples directory for more info. Unlike pyganja, this does all the plotting from within python, meaning that animations and interaction are possible. This package exposes a single function, mpl_toolkits.clifford...

mpl-toolkits.clifford - PyPI In mathematics, the geometric algebra (GA) of a vector space is an algebra over a field, noted for its multiplication operation called the geometric product on a space of elements called multivectors, which contains both the scalars and the vector space. Mathematically, a geometric algebra may be defined as the Clifford algebra...

Mathematical Methods in the Applied Sciences - Wiley Clifford algebra multivectors and kernels for melanoma classification. Mutlu Akar, Nikolay M. Sirakov, Mutlu Mete, First Published: 22 December...