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the rotation as a double reflection.

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Factorization, inversion, meet and

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implementation was intended for educational purposes: the code was kept as simple as possible, and not designed with efficiency in mind.

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January 2010: Leo Dorst and Joan

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Lasenby are organizing an international conference Applications of Geometric Applications in Computer Science and Engineering (AGACSE2010), June 14-16 in Amsterdam, The Netherlands. Here is the website. January 2010: Released working GAViewer 0.81 for OS X 10.6

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(Snow Leopard).

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Daniel Fontijne is a post-doc at the
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motion capture. He holds a Master's degree in Artificial Intelligence and a Ph.D. in Computer Science, both from the University of Amsterdam. As part of his Ph.D. study he developed Gaigen 2, the fastest geometric algebra implementation for low dimensional spaces ...

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The ray tracer was implemented using conformal geometric algebra. Special attention was paid to runtime efficiency, as we wanted to show that conformal geometric algebra is

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oriented approaches. Below you can download
the full source code of this ray tracer,
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This is a simple, inefficient geometric algebra implementation written in Java for the purpose of illustrating how to implement the algorithms from the implementation chapters. An efficient implementation is discussed in Chapter 22. Ray tracer: Chapter 23 describes in detail how to

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