

Re: Geometrical Quaternions

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On Aug 31, 6:47 am, "Jacky" <j...@xxxxxxxxxx> wrote:

I suddenly find out in a book that a quatN can be replaced by a matrix even having an arbitrary axis.
But this is a 3x3 matrix... I wonder why we needn't to have a homogenous matrix in this case (as introduced in the book)
Or I am thinking in the wrong way?
thanks
Jack

Though the mathematical quaternion is a 4D structure I have talked with people here who think of it as a 3D structure. I believe they throw away the real component and that is how they get sensible 3D results.

-Tim