

From: "jeffrey E." <jeevacation@gmail.com>

To: Joi Ito <[REDACTED]>

Subject: Re: Geometric Algebra Crash Course

Date: Wed, 01 Oct 2014 23:49:08 +0000

Why not

On Wednesday, October 1, 2014, Joi Ito <[REDACTED]> wrote:

Ahh. Good point. Maybe I should check out the first class.

On Oct 1, 2014, at 20:42 , jeffrey E. <jeevacation@gmail.com> wrote:

> It's according to how he teaches

>

> On Wednesday, October 1, 2014, Joi Ito <[REDACTED]> wrote:

> I probably won't understand it will I?

>

> On Oct 1, 2014, at 20:38 , jeffrey E. <jeevacation@gmail.com> wrote:

>

>> Yes

>>

>> On Wednesday, October 1, 2014, Joi Ito <[REDACTED]> wrote:

>> I should really take this huh?

>>

>> Begin forwarded message:

>>

>>> From: Micha Feigin <[REDACTED]>

>>> Subject: Geometric Algebra Crash Course

>>> Date: October 1, 2014 at 19:54:35 -0300

>>> To: "[REDACTED]" <[REDACTED]>, [REDACTED], [REDACTED]

>>>

>>> The Camera Culture group is hosting Prof. Eduardo Bayro Corrochano for the upcoming year.

>>> He is a world expert in geometric algebra (GA) and its applications (see biography below)

>>> Starting October 15th (Wednesday) he will do a crash course on the topic (see attached summary) for 8-10 weeks. It is not for credit.

>>> We will meet every week on Wednesday between 3-5pm (room to be announced)

>>> If you wish to attend please contact Dan Raviv ([REDACTED])

>>>

>>> Best,

>>> Dan

>>>

>>> _____

>>> Dan Raviv, PhD

>>> Camera Culture Group,

>>> Media Lab, MIT.

>>>

>>>

>>>

>>> EDUARDO JOSE BAYRO-CORROCHANO gained his Ph.D. in Cognitive Computer

>>> Science in 1993 from the University of Wales at Cardiff.

>>>

>>> From 1995 to 1999 he has been Researcher and Lecturer at the Institute for
>>> Computer Science, Christian Albrechts University, Kiel, Germany, working on
>>> applications of geometric Clifford algebra to cognitive systems. At present he is a
>>> full professor at CINVESTAV Campus Guadalajara, México, Department of
>>> Electrical Engineering and Computer Science.

>>>

>>> His current research interest focuses on geometric methods for artificial
>>> perception and action systems. It includes geometric neural networks,
>>> visually guided robotics, humanoids, color image processing, Lie bivector
>>> algebras for early vision and robot maneuvering. He developed the
>>> quaternion wavelet transform for quaternion multi-resolution analysis
>>> using the phase concept.

>>>

>>> He is associate editor of the Journal of Robotica, Journal of Mathematical
>>> Imaging and Vision, IEEE Trans. Neural Networks and Learning Systems and
>>> member of the editorial board of Journal of Pattern Recognition and Journal
>>> Of Theoretical And Numerical Approximation.

>>>

>>> He is editor and author of the following books:

>>> Geometric Computing for Perception Action Systems, E. Bayro-Corrochano, Springer Verlag, 2001
>>> Geometric Algebra with Applications in Science and Engineering, E. Bayro-Corrochano and G. Sobczyk
(Eds.), Birkhauser 2001
>>> Handbook of Geometric Computing for Pattern Recognition, Computer Vision, Neurocomputing and
Robotics, E. Bayro-Corrochano, Springer Verlag, 2005.
>>> Geometric Algebra Computing in Engineering and Computer Science, E. Bayro-Corrochano and G.
Scheuermann (Eds.), Springer Verlag 2010;
>>> Geometric Computing for Wavelet Transforms, Robot Vision, Learning, Control and Action, Springer
Verlag, 2010.

>>>

>>> He has published over 220 refereed journal papers, book chapters and conference
>>> papers. He is a IEEE senior member and fellow of the IAPR society. He
>>> acted as general chair of CIARP'2009, AGACSE'2008, CIARP'2014 and for the
>>> next IAPR ICPR'2016 and IEEE Humanids'2016.

>>> He recently built the humanoids Mexone 110 cm with 39 DOF and CINVESROB
>>> 166cm with 40 DOF, a system for intelligent guidance of visually impaired
>>> people, a versatile and economical neuro-navigator and a 3
>>> manipulator-robot system for minimal invasive surgery.

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