

**From:** Joi Ito <[REDACTED]>  
**Subject:** Re: Geometric Algebra Crash Course  
**Sent:** Wednesday, October 1, 2014 11:40:41 PM  
**To:** Jeffrey Epstein <jeevacation@gmail.com>  
[signature.asc](#)

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]

>> 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 (darav@mit.edu)

>>

>> Best,

>> Dan

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>> Dan Raviv, PhD  
>> Camera Culture Group,  
>> Media Lab, MIT.

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>> 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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