

About The Artist

I can still remember what might be called “an awakening” when I began pondering the scientific aspects of the Universe. It was an early evening walk home from a friend’s house where I stopped to stare at the stars to wonder about our origins. This, along with my father’s physics education and engineering career, motivated me to the study of physics while pursuing a bachelor of science in Electrical Engineering, which was completed in 1982.

While attending a time management session in the late 80s, we were asked to document a life goal. The process included generating a plan to achieve this goal, complete with initial tasks and allocation of time, etc. Well, needless to say, my goal was to complete that boyhood dream to understand the Universe.

The initial plan called for generating enough income to be able to quit work and attend graduate school. The attempt failed. Now by the mid 90s, I had determined that I would just have to do it by using the after-work hours between 8PM and 3AM to read, study, theorize, analyze, calculate and document a view of the Universe that might integrate the Standard Model, quantum mechanics and general relativity. So with the support of my wife, my adventure began with work on what some would begin to call a “theory of everything” (ToE). I pulled on a few threads of insight and found patterns relating the fundamental universal constants linked to an 8 dimensional structure which had yet to be realized. My current focus is to clarify and visualize those 8D links to the E8 Lie Group.

It was exciting to begin to understand some of these fundamental workings of the Universe as I realized that my theory could have predicted the discovery of an accelerating universe in 1998. This work has been published in Scientific American, academic papers, in books and book covers, as well as in online articles. The beauty of the symmetries in these physics models compelled me to produce these works which could be appreciated by both academician and layman alike.

J Gregory Moxness

JGMoxness@TheoryOfEverything.ORG

About The Art

These samples are from my virtual "E8 Math, Science, and Art Gallery". They are unique 2 and 3 dimensional perspectives of the Universe’s subatomic particles. The theoretical positions of these fundamental particles form highly symmetric patterns as shown in these works.

All works are Mathematica™ generated projections from a theoretical physics model based on E8.

- The 2D projections can be made into Giclée prints of any size at a resolution of 300dpi and printed on aluminum or 1 1/2” Gallery Wrap Canvas.
- The 3D models can be etched inside jewel-cut optical crystal cubes up to 100mm (4”x4”x4”) or can be 3D printed in plastic, brass, silver, or gold.
- Custom models can be laser cut out of large architectural steel, copper, or aluminum. These make great fine art sculptures and custom furniture designs.

Laser Cut Steel

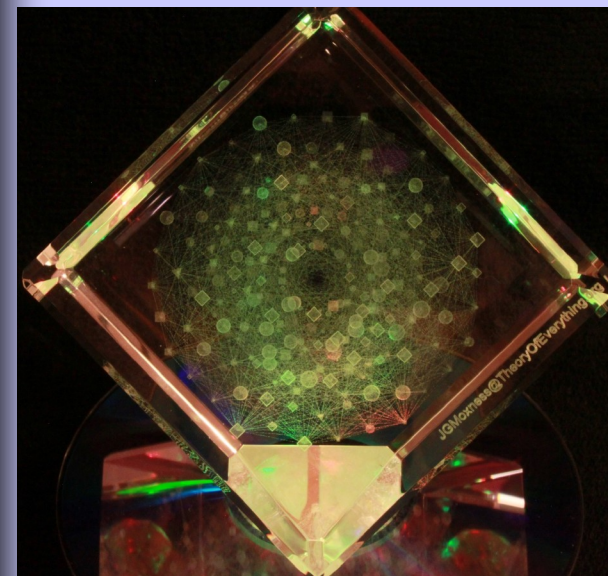


**E8 “Star of David” Triality Table
with Triple Helix Spiral**

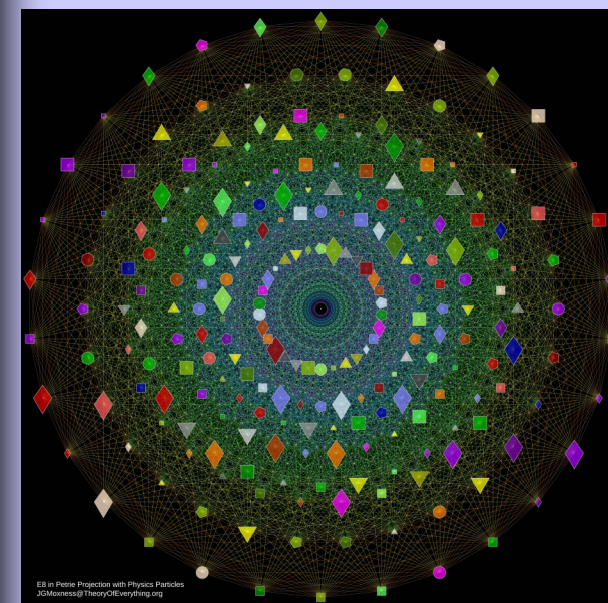
E8 Art Prints

By J Gregory Moxness

A Possible Theory of Everything: 3D Laser Etched in Optical Crystal



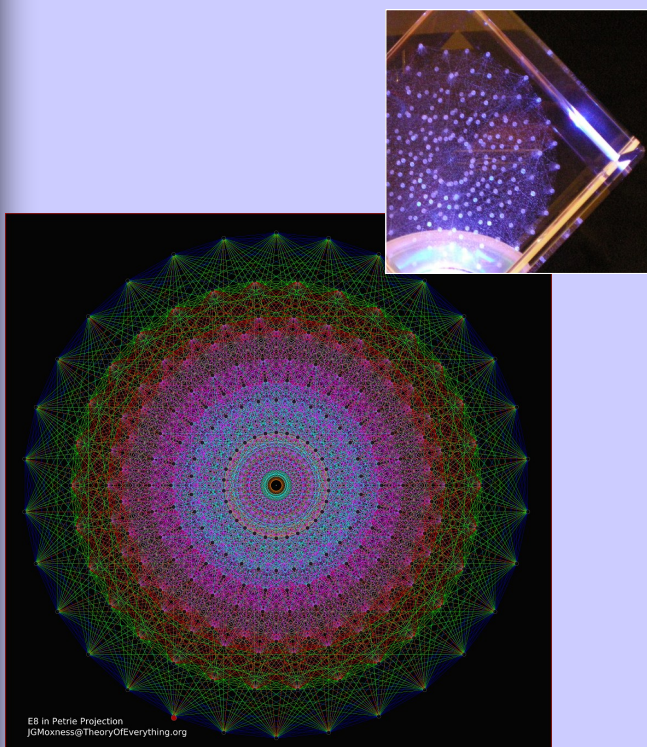
Giclée Printed in 2D



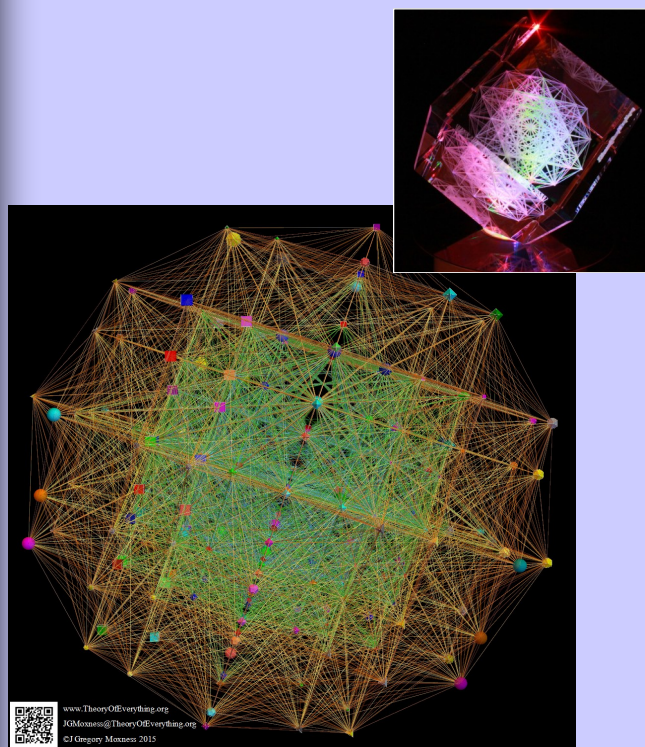
www.TheoryOfEverything.COM



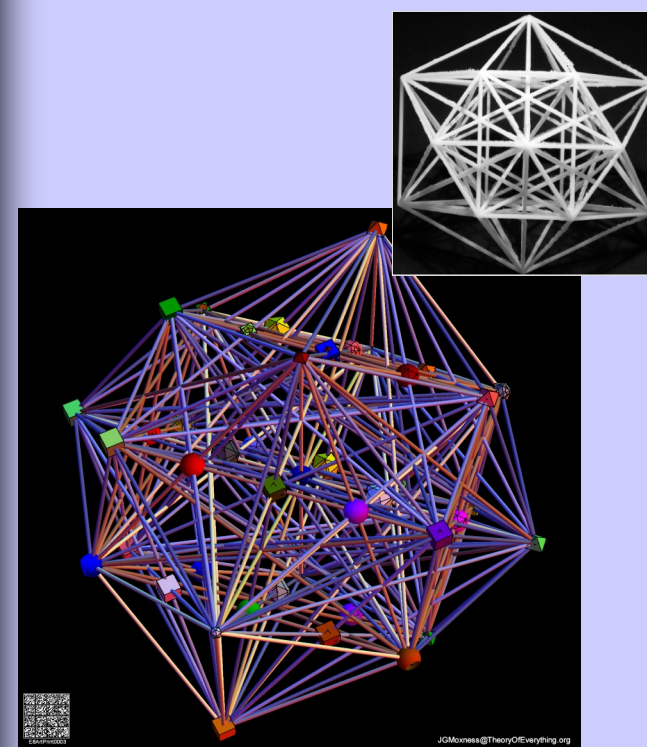
2D Giclée Printed on Metal or 1 ½" Gallery Wrap w/3D print or 3D Laser Etched Crystal (insets)



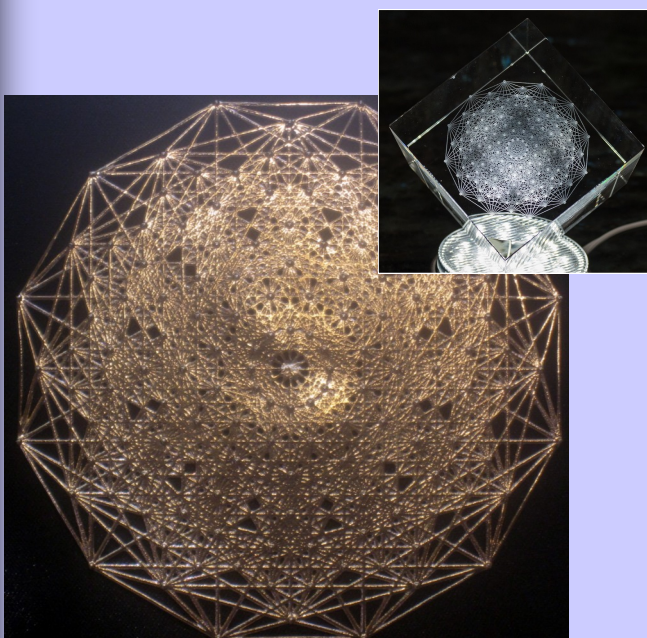
E8ArtPrint0023 — E8 Symmetry in 2D



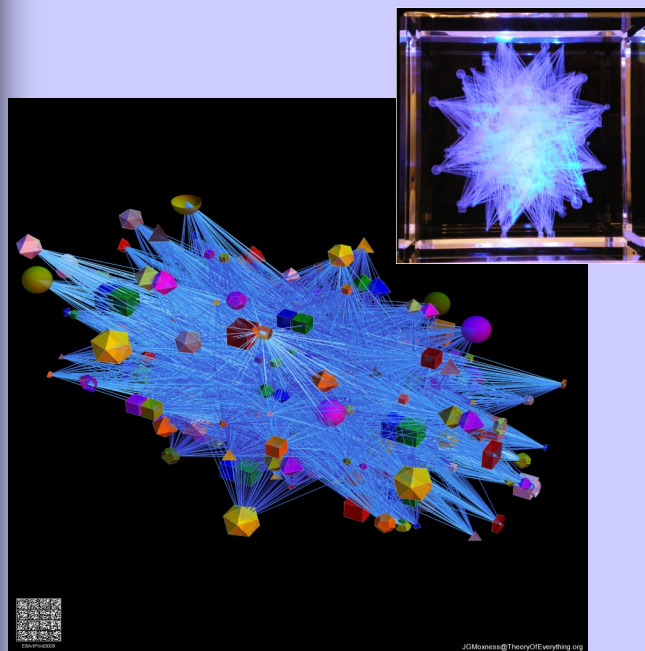
E8ArtPrint0002 — E8 Symmetry in 3D



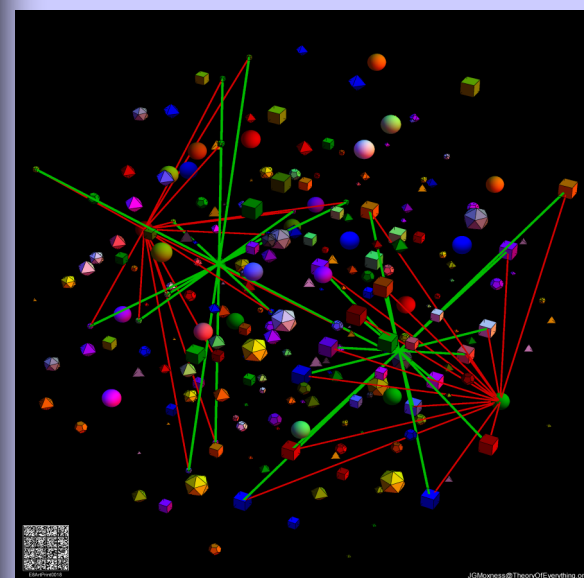
E8ArtPrint0003 — 3D F4 24-Cell



E7 1_{32} — 3D Printed in Brass



E8ArtPrint0008 — Favorite 24



E8ArtPrint0018 — Devolution (Stereoscopic 3D Animation)