

CAPTAIN BIOLOGY

RECENT CORRESPONDANCES
WITH MIKE DICKAU



FIRST CONTACT SINCE 1997

From

  Keith Dickau <mikedickau1@icloud.com>

To

Duane Protonmail

  Sep 1, 2024



Duane!

Seriously. Math, quantum physics, and/or programmer?

-CB

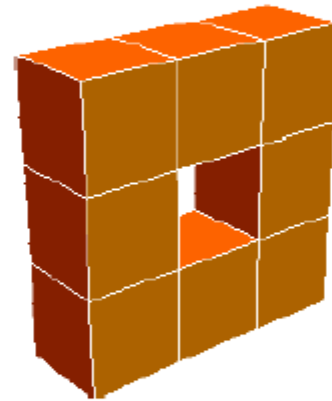
CALCULUS LESSONS

One-Sided Toroidal Polyhedra

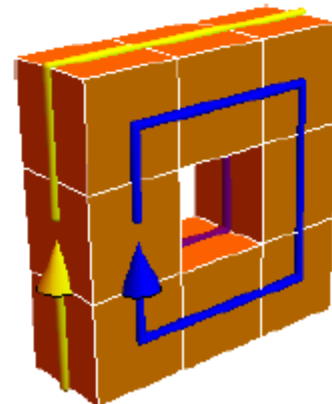
In 1968, Professor Gonzalo Vélez-Jahn (Universidad Central de Venezuela) discovered three-dimensional bodies with Möbius strip-like characteristics. Specifically, a trajectory along the cube faces behaves as if it were on a one-sided Möbius strip, in the sense that the end of the path will touch all of the polyhedron's faces and eventually meet its beginning.

Martin Gardner later described these sorts of figures as *prismatic rings* and *toroidal polyhedrons*.

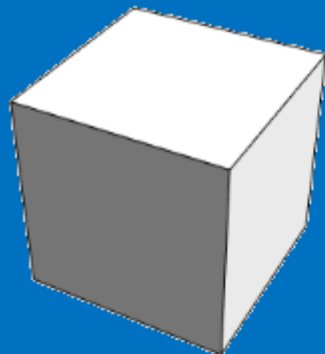
As a non-example, here's a torus made of cubes.



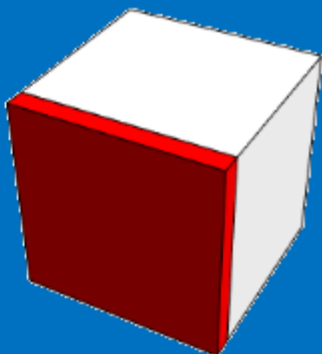
The figure has four faces (with two, plus a bit of a third, highlighted with arrows).



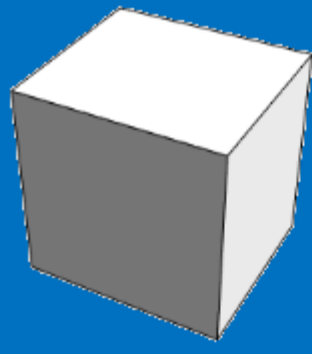
$$x^3$$



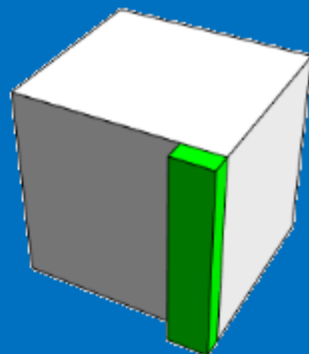
$$(x^3) - x^3$$



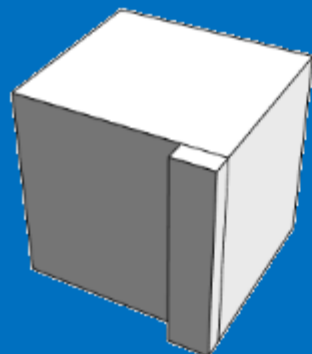
$$x^3 - x^3$$



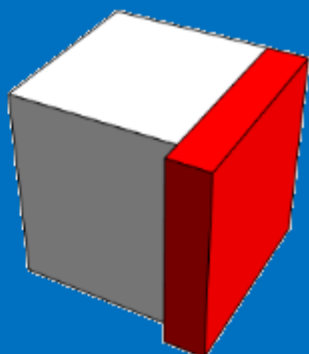
$$(x^3 - x^3) + 2x$$



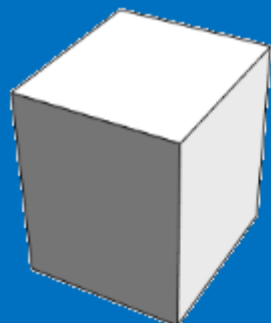
$$x^3 - x^3 + 2x$$



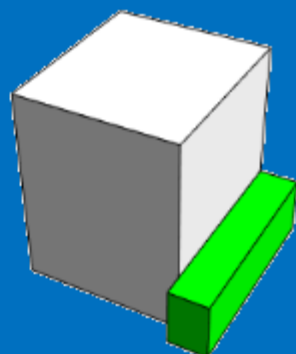
$$(x^3 - x^3 + 2x) - 2x^2$$



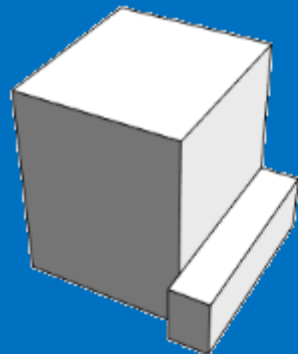
$$x^3 - 3x^2 + 2x$$



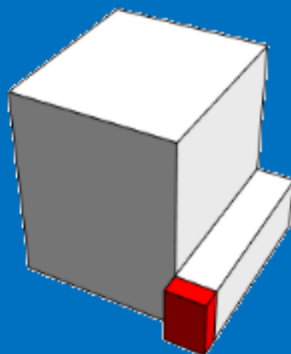
$$(x^3 - 3x^2 + 2x) + 3x$$



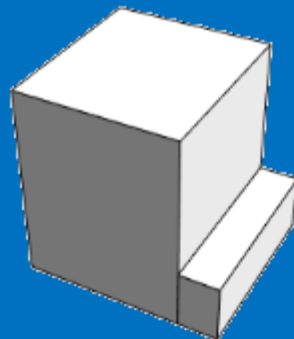
$$x^3 - 3x^2 + 5x$$



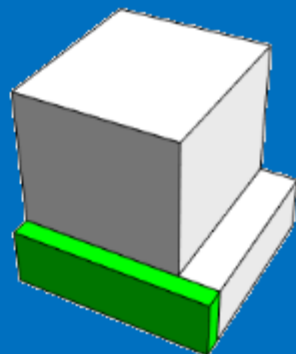
$$(x^3 - 3x^2 + 5x) - 3$$



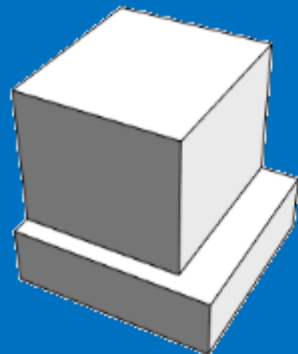
$$x^3 - 3x^2 + 8x - 3$$



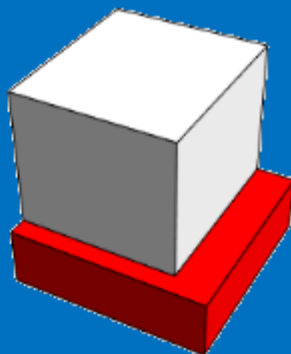
$$(x^3 - 3x^2 + 8x - 3) + 3x$$



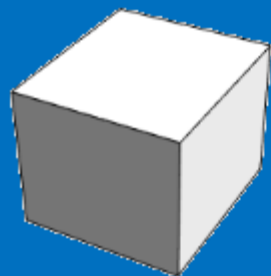
$$x^3 - 3x^2 + 11x - 3$$



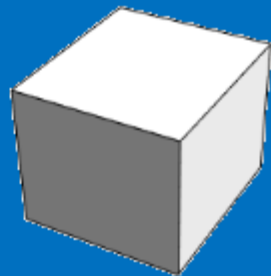
$$(x^3 - 3x^2 + 11x - 3) - 3x^2$$



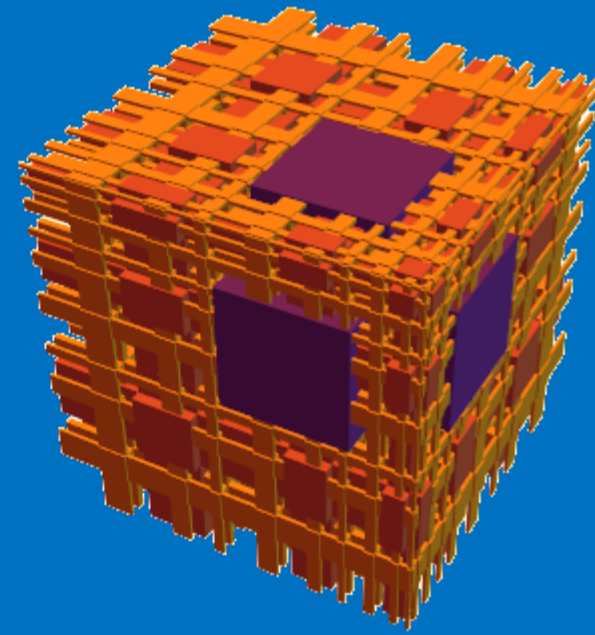
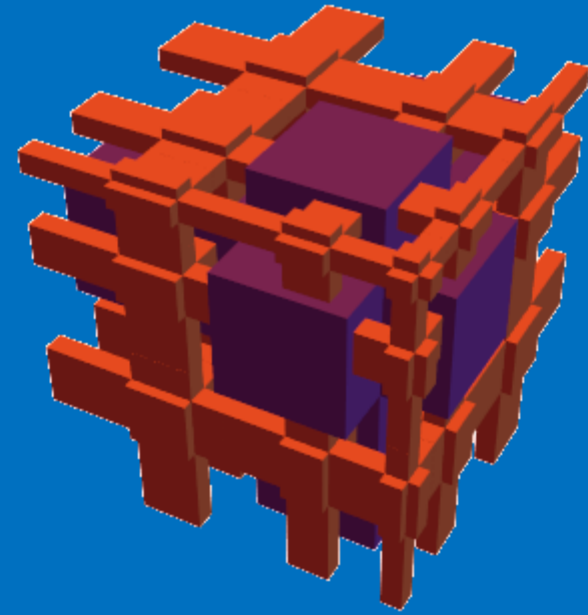
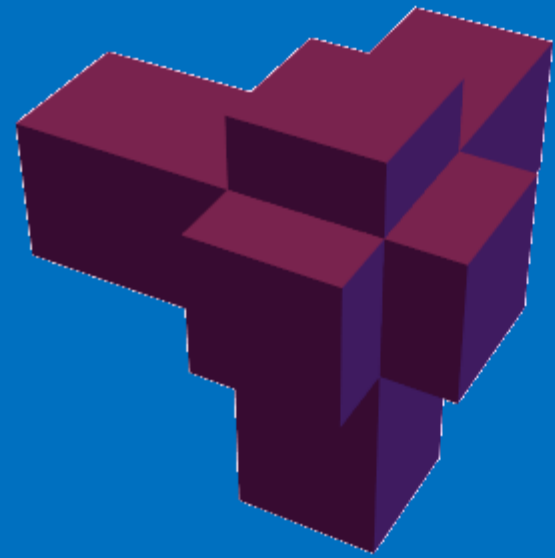
$$(x^3 - 3x^2 + 11x - 3) - 3x^2$$



$$x^3 - 6x^2 + 11x - 3$$



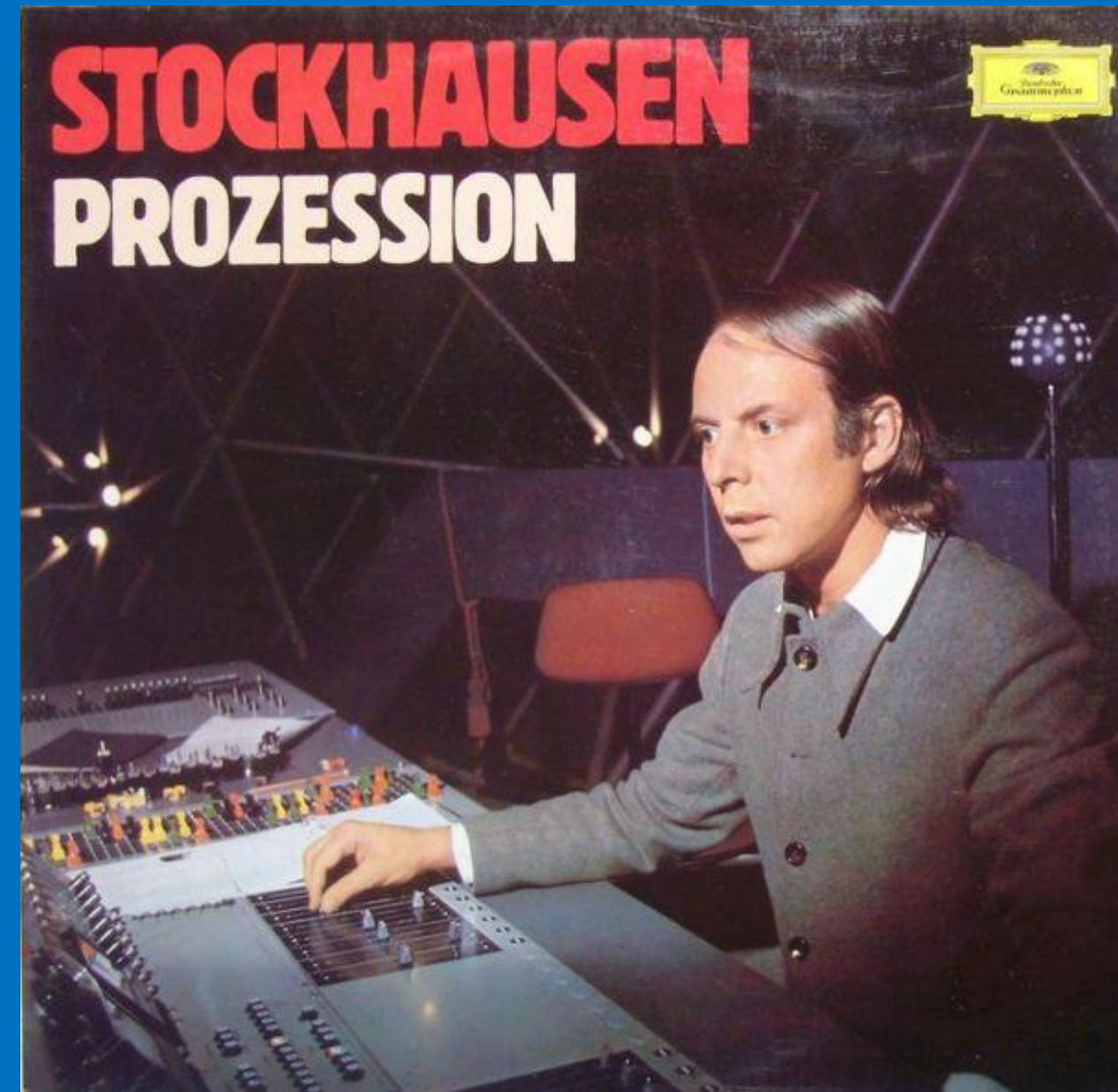
$$(x-1)(x-2)(x-3)$$



calculucollaboration



SYNCHRONIZED MUSICAL TASTES



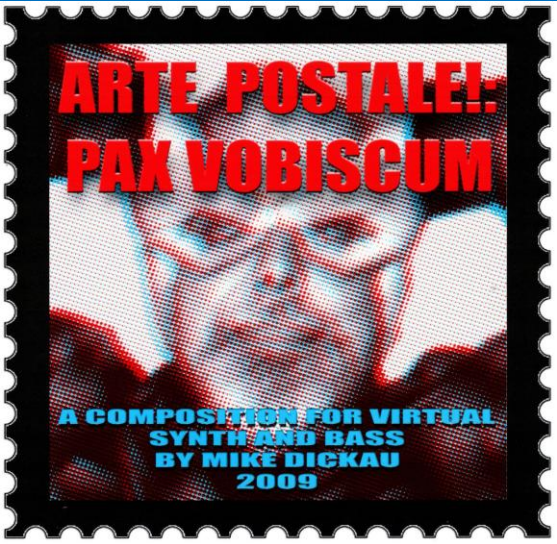
Obscure Crevicist Music contributions



[More images](#)

Various – Arte Postale! 100 - Klang!

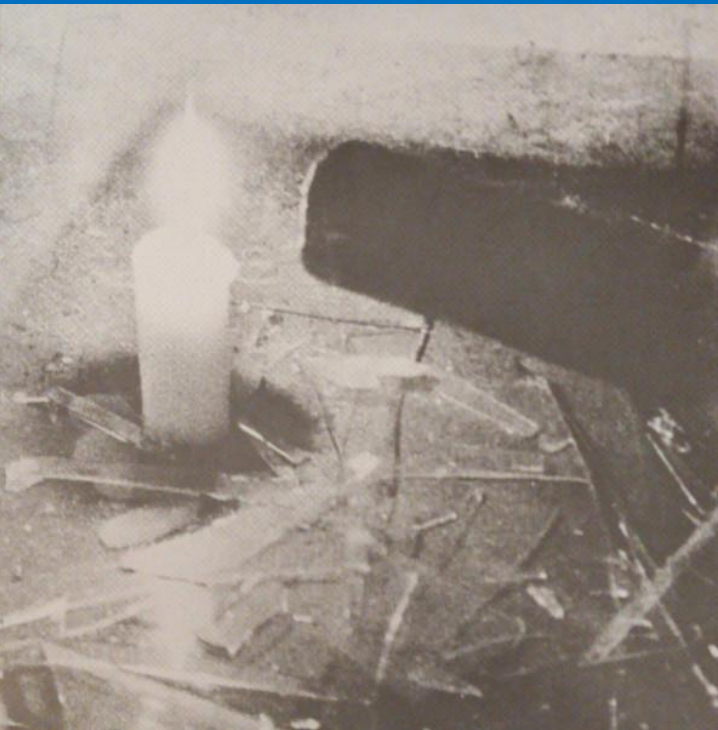
Label: [Near The Edge Editions](#) – none, [Arte Postale!](#) – API100
Format: [CD](#), [Enhanced](#), [Limited Edition](#), [Mini-Album](#), [Compilation](#)
Country: [Italy](#)
Released: [Dec 2009](#)
Genre: [Electronic](#), [Non-Music](#)
Style: [Abstract](#), [Field Recording](#), [Experimental](#)



Tracklist

[Hide Credits](#)

1	Mike Dickau – Arte Postale!: Pax Vobiscum Synthesizer [Virtual], Bass – Mike Dickau	2:54
2	Günter Ruch – Musica 123456 Performer [Daily Tools] – Günter Ruch	2:09
3	Reid Wood – Future Sound Performer [Self-built Instrument] – Reid Wood	0:27
4	Krell (6) – Bzzzoing! Performer [Intonarumori K1] – Kipple/Krell*	5:00
5	Franco Piri Focardi – Concerto Per Bozuffo Performer [Bozuffo Self-built Wind Instrument] – Franco Piri Focardi	3:41
6	Jan-Willem Doornenbal – Lake Crocodile Performer [Crocopipe] – Jan-Willem Doornenbal Reeds [Reed Flutes] – David Leerink	2:16
7	Bruno De Angelis – 100: Game Over!	4:30
8	Joel S. Cohen – Last Song Reverse Performer – Joel S. Cohen	2:17



SACRAMENTO
MAY 2025 VISIT



















https://www.youtube.com/results?search_query=mike+dickau





Squirrel Museum

