### First 25 Disual years?









Gyori, Ladislao Pablo First 25 visual years. - 1a ed. - Buenos Aires : el autor, 2010. 98 p. ; 25x20 cm. ISBN 978-987-05-8040-9 1. Arte Argentino. I. Título CDD 709.82

Fecha de catalogación: 22/01/2010

Queda hecho el depósito que previene la ley 11.723

Graphic design and photography: Ladislao Pablo Győri

First published in 2010 by **ARTgentina** Av. Fed. Lacroze 3814 2do. 10, C1427EDP, Buenos Aires, Argentina *lpgyori@bigfoot.com / www.lpgyori.net* 

First 25 Visual Years

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ISBN 978-987-05-8040-9

Printed in the United States of America by blurb





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**visual** poem 1994 When and how did your approach to art develop? What were the main reasons that impelled you to get into it?

There was a tendency in that direction, I would say, since the early eighties, resulting from a great amount of *technical* information. Do remember that I completed a technical high school education, implying the usual use of a large number of geometrical, mathematical, industrial drawing elements... which I was never willing to put aside. At the same time I found them extremely useful in facing my first aesthetic problems, though still far from even a minimal knowledge of constructivist trends of the twentieth century, or being near the possibility of making art.

That is to say, your activity starts unintentionally, as if you were playing with a series of actions that became artistic...

Do you remember what might have been the earliest facts which would have influenced your subsequent plastic ideas? Exactly. It begins as a necessity to develop some latent content in many works that could not be regarded as artistic... the layout of a planar section of an object, a topographical surface, projective and homological operations in Monge... among other problems and procedures related to the course of descriptive geometry of my first year of engineering, from which I realized some meanings that exceeded the strictly operational or utilitarian original applications.

I would have to mention several events which I suspect had some importance. Thinking back to the period extending between 1976 and 1979, there was a premature influence from the graphic exercises I made in high school. As I said recently, studies of design and measurement of pieces and solids, such as the dimensioning of templates or perforated plates, or the orthogonal representations where bottom, front or lateral views usually result in quite often irregular figures. I suppose there was also an influence from the many works I made in iron, like brackets, extractors... Or during my visits to the machine tool exhibitions, the handling of all kinds of shaped pieces, products of multiple industrial processes. I must also refer to my youthful passion: *plastic airplane modeling*. These scale models were assembled by joining a considerable number of pieces that tended to have intricate shapes.



What are your first steps towards a geometrical art or those that you consider important to highlight from that time?

First, I must tell you that they were the result of two unusual events which set them up as artistic determinants: my technical background, as I said, and the access to a *microcomputer*! The immediate reality of handling in *three dimensions* one of my designs... viewing it rotating, enlarging, shadowing! I think this experience was decisive in defining a way of work where this digital tool was essential. Such *virtual* manipulation of objects was, doubtless, a basic condition for my perspectives of creation. From there my first virtual three-dimensional works were born. Of course, this latter term was not yet used. It was preferably known as *computer aided design*.

### What impression do they cause you today or what do you think about those works with which in some way you inaugurated, if we may say so, your artistic production?

I consider these initial works, I'm talking about 1984 or 1985, really fortunate. That is to say, I now understand the transcendence that they had for me in the sense that they marked irreversibly my subsequent production, anticipating premises we handle today as commonplace... or at least I myself find unquestionable: CAD, three*dimensionality* and *virtuality*. Also, I have to recognize that perhaps they are, on one hand, too much related to certain mechanical pieces, for the reasons noted above, and, on the other, visually... weak, considering the vast power of actual computer graphic equipment. Definitely, the intention was to work with a novel system. For this to happen, I adapted many designs of familiar objects... I might mention, for example, E-shaped steel sheets of laminated core transformers, copper sheets from the collectors of electric motors, views and cuts of all sorts of tools, and so on. But what I want to stress is that they still preserve, in their apparent simplicity of construction, the need, which I still have, to promote *artificial* events, in the sense of going beyond the conditions *imposed* by the natural world, and what I understand are the differential elements of our human species.

In this there is a strong link to the constructivist avant-garde thinking, creationism, concrete art, Madi...

In relation to this, how important were for your personal development the classical constructivist avantgarde movements, say, Bauhaus, De Stijl, and so on?

> The period after your encounter with Kosice, could it be considered a learning period for you?

For sure. That's the reason why in 1986, and considering that for those years one of the leading Argentine and international avantgarde figures was Gyula Kosice, then I thought I must meet him! And so I began to visit his studio regularly, where we discussed many issues related to art, technology, philosophy... and history, that teaches us so much!

They received an indirect consideration. I made contact with them after I came close to Madí art. Nevertheless, I recognize permanently their achievements, particularly Russian Constructivism, Kazimir Malevich... and László Moholy-Nagy... for his clean technique and his very special way of conceiving creative activity.

Yes, of course. From this I immersed myself into an unknown world but one that I felt already familiar and consonant with my ideas, even though they were not yet wholly clear. The study of Madí art, shaped canvas and structured frame, mobile sculptures, the mythical *Röyi*, the concept of invented proposition in poetry and that of the artistic creation from within the work itself to where it should be extended, in words of Rhod Rothfuss: extraversion, the analysis of his paintings or those of Juan Bay... in short, everything was an amazing wealth of invention which I found fascinating and of a great clarity, and it broadened my horizons dramatically. I remember the impression that the text "Nature and structure" by Kosice, originally published in the magazine *Arte Madí Universal* #3 (1949), produced on me. Also poems like "Riogs", "Nemsor", "Itinerario de Cill"... How can we join this tide of pure creation and foreseen?! How to stay on the sidelines or take old-fashioned and worn tools when all this should be noted as one of the starting points?!

But in your case you were in a way akin to it, already convinced that any approach to an artistic product must be addressed from the convergence between computer technology and constructivist aesthetics...

Do note that these initial works, carried out with a very modest design and modeling program, the now nonexistent Psion VU-3D from 1982 that ran on a Timex Sinclair 2068 with only 48Kb of RAM!, were designed with the idea of an *independent object*, not imprisoned by immobilizing laws or others that would restrict it in any way. I am almost certain, and this is anecdotal data connected with the precedents I just mentioned, that certain notions concerning this type of unrestricted space in almost all my works come from my childhood fascination with astronautics and space *exploration*. At the age of 11 or 12, it would induce me to create with great detail and accuracy drawings of satellites and other spaceships. So I would argue that I have almost always considered essential the possibility of a *free action* of objects, mainly from mass and gravity, to remove supports, embeddings, foundations that maintain a structure that is due to them. A structure which owes its geometry and implementation to a very subtle and conditioning structural balance, that computer science had solved by implementing a virtual or mathematical space where the object imposes its conditions on the environment, not vice versa, as occurs in nature. From the beginning, it was substantial for me to jump a hurdle: statics; which implied another: material resistance. Because, and I noticed this much later, laws of mechanical equilibrium can not be overcome by the same kinetic art currents, as is evident, for the simple reason that these laws, like any other, do not know about manifests or proposals, but are only the result of a physical space expressed through them.

You mean that kineticism was successful in introducing motion, moving from a static to a kinetic work, but in the same kinetic work there would remain static problems that are impossible to avoid as well...

Precisely, the only way to forget this is to choose a space where these laws do not govern directly. That is virtual space. Otherwise drawbacks remain insolvable.

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The suspension of an object without energy consumption, the structural instability of systems with disproportionate masses, the establishment of correlations between objects that have not interacted...

Why did you produce then a real sculpture like Alocución?

I was attempting not to avoid in a definitive way this physical realm we live in. At that time I wished to experiment with a structure of concrete materials that was sufficiently *anti-gravitational*, trying to minimize its base surface, playing with important blocks just linked to a thin, non-resistent central body... unfortunately, there is often a kind of sense that seems to esteem as unreal or merely confined to a *projectual* stage every virtual work, demanding of us the practice, its real-ization.

But why even a work opposed to the ideas of a madí sculpture – uncolored and

The use of color was due to an attempt to differentiate the various parts that formed the work, trying to highlight some particular *confluence* of elements that come to a point in space to generate a larger system that contains them. This general idea is somehow a constant need that must be analyzed in detail. It persists in my

solids in motion – just as your ties with the group's thinking seemed to strengthen?

### And at what conclusions did you arrive with that experience?, since it has not happened again...

Now, why did you become interested in painting by the 199o's? Why this return to the plane, to two dimensions? Well, I just concluded that this way was not proper! I did not get a result that seems satisfactory to me, because I found myself obliged to adopt or accept certain practical solutions that I had not even considered from an aesthetic point of view. It showed me that virtual space acquires a superlative degree in any process of artistic creation. It should be noted that such a statement, applied consistently, places us at the gates of an *exclusively virtual* plastic formulation, which in my view will prevail in the future.

recent work... greatly enhanced... in correlated systems...

I would not say that I had returned to creation in a 2D space. The truth is that I was never convinced I could develop a general artistic project in a two dimensional surface, so there is no question of returns. If at times I did a creative work on flat surfaces, it responded to a need to investigate the problem of *flat shapes*, forgive the repetition. Do consider also a time I would regularly draw in ink, it was between 1986 and 1988, but always having in mind a construction that, informationally speaking, will exit the plane, will not be retained in it and subsequently can become available in virtual space. The sculpture *Alocución* followed this exact process. The same series of relief-paintings suggests a dimension of depth and cut that transforms each color in a 3D object that is well-defined, even autonomous, and inconceivable in a traditional painting project. This is endorsed by the exploded view animations where the three-dimensional character that they reveal is undisputed.

Is the composition of the work now developed entirely in virtual space or do you still sketch it on paper?

Regarding the virtual design of visual arts, what will be the future of them? Will they be integrated through computer practice or will remain as they are today? No, no way... it is absolutely impossible to include the multiple aspects of a *correlational*, a *construction* or a *virtual poem* on paper. They are born and evolve in logical space by the simple reason that they are structurally designed for it.

Media and languages that are prevalent today, and that are the usual expression of what is socially recognized as art, probably will persist even with slight modifications, but certainly they are no longer able to provide aesthetic solutions which are capable of transcending those transited by centuries of use. We are facing a profound depletion of the traditional means of making art. I have no doubt that the future of art lies in information technologies. Or put another way, IT will enable art —it is doing so right now— to escape from a situation that condemns it to have no future, to dissolve its foundational purpose: to launch, to expand and to renovate languages. It must be understood, as the most important reason, that the world of virtuality does not emerge as a technique in vogue for simply being shiny and new. It presents for the very first time —if you allow me this expression— a new era in the integral history of the arts, because never before the work, whatever it was, has been lacking a physical or real body. The logical or virtual medium ensures access to a very large number of parameters that until recently were from the exclusive domain and for the use of natural dynamics, with all that this means in terms of creativity.

Gabriel Pérez-Barreiro (Director, Patricia Phelps de Cisneros Collection. Former Curator, Latin American Art, Blanton Museum of Art, University of Теказ, Austin, and Director of the Americas Society's Visual Arts, New York).

Extracted from Györi: Arte y geometría digital 3D.

Revised English version by John M. Bennett [Curator, Avant Writing Collection, Ohio State University Libraries].

### ladislao pablo győri – O U Ó C i



	Born in	Buenos	Aires,	Argentina
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- 1975 · Spacecraft drawings (pencil)
- 1977 · Aviation drawings (ink)
- 1983 · First computational and literary activities
- 1984 Pieces in CAD
- 1986 Encounter with Gyula Kosice Madí drawings (ink)
- 1989 Electronic Engineer (UTN, Buenos Aires)
  - Sculpture Projects Alocución
  - CAD y escultura (Apuntes sobre computación gráfica en arte)

1990	Technical assistant to G. Kosice
	Virtual Reliefs
	Madí Relief-Paintings
ופפו	Secuencia gráfica de una gota de agua [in collaboration], Kosice - Obras 1944-1990,
	Museo Nacional de Bellas Artes, Buenos Aires
1992	Visual poems
1993	3D geometric structures digital animations
	Pinturas-relieve madí girables y transformables
1994	<i>Estiajes (Poesía y sistemas mixtos</i> ), Ediciones La Guillotina, Buenos Aires
	Manifiesto TEVAT [in collaboration with G. Kosice and José E. García Mayoraz]
	Una exigencia de artificialidad global, Seminario Arte y RV, Facultad de Filosofía
	y Letras, Universidad de Buenos Aires
	Constructions
1995	Criterios para una poesía virtual / Criteria for a Virtual Poetry
	TEVAT Group Exhibition, Planetario de la Ciudad de Buenos Aires
	Hacia el dominio digital / Towards the Digital Domain
	Paralengua VI, Centro Cultural Ricardo Rojas, Buenos Aires
1996	Virtual Poetry, Visible Language 30.2, Rhode Island School of Design, Providence
	Poesía virtual, a:e,iuo'96, Sala Postypographika, Centro Cultural Recoleta, B.A.
	Vpoems 12 & 13, Int'l Anthology of Digital Poetry, New Media Editions, Chicago
	VRML models

1997 -	Digital works, Arte Madí, Museo Nacional Centro de Arte Reina Sofía, Madrid
, רבו י	Comunicación - Grupo TEVAT
	Aided Creation in Vpoetry?, DOC(K)S/Alire 3.13/14/15/16, Ajaccio, France
	<i>Vpoem 14</i> , DOC(K)S/alire 3.13/14/15/16, Ajaccio/Villeneuve d'Ascq, France
	Madí-TEVAT en Argentina hoy
1999 -	
	Poesía Experimental, México, D.F.
	The Virtual Poetry Project, DOC(K)S 3.21/22/23/24, Ajaccio, France
	Intelligence artificielle & composition poétique, : éc/art S : #2, Roanne, France
2001 .	Epoetry 2001: An International Digital Poetry Festival, The Electronic Poetry
	Center, State University of New York
2002 '	02TXT - A Celebration of the Visual Word, Chidlaw Gallery, The Art Academy of
	Cincinnati, Ohio
	The Virtual Poetry Domain, COSIGN 2002, Universität Augsburg, Germany
	<i>e-storia.ar</i> , Premio Museo de Arte Moderno de Buenos Aires - Fundación Telefónica
	Terminal Zone - Poésie et nouvelles technologies, Centre d'Art Contemporain de
	Basse-Normandie, Hérouville Saint-Clair, France
2003	
	Centro Cultural Recoleta, Buenos Aires
	lpgyori website
2006	e-motive: Visual Poetry in the Digital Age, University of Essex Gallery, Colchester, UK
	Ensembles
	Arte Madí - Proyecto 0660, Fundación Federico J. Klemm, Academia Nacional de
	Bellas Artes, Buenos Aires
	Tres relieves virtuales madí, Arte Madí Universal, #9/10, Buenos Aires
2007	hommage à e.a.vigo, Epoetry 2007: Festival International de Poésie Numérique,
	Université Paris 8, Saint-Denis, France
2008	En torno a la poesía digital - Nuevas derivaciones para la literatura del siglo XXI, knol
	Virtual recorrido en 25 años, Encuentro Internacional de Poesía Experimental
	"A. Berenguer", Centro MEC, Dirección Nacional de Cultura, Montevideo
2009 '	A quince años de una propuesta radical, X Bienal Internacional de Poesía Visual-
	Experimental, Museo Universitario del Chopo, México, D.F.



















































MAG=002,45 R0T=155,127 Z=+00200





pieces in cad









# sculpture projects

#34, 74, 76 & 90 tempera and colored pencil on cardboard 1989 9" + 10"

**#34** digital model





### alocución

polychromed wood 1989 8" x 5" x 21"

**#58** wireframe







## computer graphics

secuencia gráfica de una gota de agua in collaboration with g. kosice







### **círculos** printing 1991

geometric composition printing 1991

**madí logo** 1986



















a2a, b23c, b5a, b14a, b12 & b1b digital models 1990-1







b14 transformations & color planes 1991 The pictorial work of Ladislao P. Győri, from its early achievements of 1990, has been a constant revelation of a young, authentic and creative artist. The years have matured his concept of contemporary painting. He has rationally computerized the primordial ideas of Madi Art. Structure, color, relief, kinetic transformation of viewing angles... give his creations a presence committed to his life. I am convinced that his works radiate an undeniable quality and originality.

> **Gyula Kosice** [Sculptor, theoretician, poet, hidro-lumino-kinetic art precursor] Buenos Aires, December 1994









23" א 14" א 1"





**b5а** 1991 24° н 15° н 1°













**а2а** 1994 20° н 19° н 1°




















**а2с** 1994 19" н 19" н 1"





**аЭа** 1994 23° н 23° н 1°

















**а216** 1995 24" н 17" н 1"













**b7а** 1995 23° н 15° н 1°





**a162** 1994 23° x 13° x 1°





















**Ь28Ь** 1995 23° н 14° н 1°













**a5d** 1995 23" + 1" + 1"

















**а2од** 1993 24° н 18° н 1°





**а7** 1994 20ї н. 18ї н. 1ї















**Ь14а** 1995 24° н 15° н 1°





**b23с** 1995 25° н 15° н 1°





[en comitiva piadosa] [ingenuo se rehace] [penitente de proclamas] [engalana que depresor] [rozagantes del insumo]

[promiscuas.] [en su ortodoxia de irrigación] 分 [al gusto escarpado]

[monitor]

3

[luego partícipe]

(cabida purgaban] [encapotándose ya] [espesa *fractura*]

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luego partícipe ingenuo se rehace del simulacro decenio

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## Ladislao Pablo Györi ESTIAJES



Ediciones La Guillotina

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(without titles) 1992-4

espacio sonoro visual poem 1998












**vpoem 13** 1995 The best viewpoint I have come across with regards to imagining an ideal for cyberspace is Ladislao Pablo Győri's description of a Virtual Poetry Domain.

His vision offers and represents a progressive redefinition for our work, encompassing multiple priorities.

Győri's "three-dimensional constructions" represent a real beginning towards redefining visually-based syntaн for language.

## Christopher T. Funkhouser

New Jersey Institute of Technology) Hypertext'98, Pittsburgh, PA.























Construction virtual 2, 1998 LADISLAO PABLO GYÖRI

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## Hacia una Morfología Artificial

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Recordar densin de los innumentales problemas: del cálcula variacional, pre , la minimización de la energía pasestal de la tensión superficial en las polostas jabonosas y la aparición permamente de los deguisos de 90° y 120°, también en situaciones antiogis como la construcción de las colíditas de un paul o en una entalización.

## graphic design

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booklets 1997 5½° н 8½°











83



booklets 1997 5½° н 8½°



Ladislas Pable Gybri

Current computer systems and their eventual subsequent development already permit designing and previewing environments and strategies, respectively, within which poetic activity will evolve in the next century, which is upon us. The proposal of *Virtual Poetry* (brought to a head at the beginning of 1995, which wanted to be a possible response to this situation) remained consigned to the area of reference, beyond certain technical specifications of the new support (virtual reality), around a high-entropy dynamic of semantic trees set up from a hypertextual linking. As is known, this conception of the text is linked to the *anticipated* programming of all directions that must be travelled (remaining thereby the notion of same), even if indeed now multiple, as it must be written or composed or programmed *previous* to the process of reading

or choice of links.

The Virtual Poetry Project

Nevertheless, this proposal, certainly transitory enough, was in some way replaced (almost at the end of that same year) by a maximum perspective conceived at the time of the evaluation of various works by *José E. García Mayoraz* (Argentinean semiologist and engineer) that ended inspiring me, first in parallel and then with

the pretense of exclusivity, a model completely related to the framework of joint assistance and intrinsically creative in their signic evolution proper of the human brain, actualization of which will have to be a matter for a future artificial organism with which interactivity would have to render an account of its products in a form simultaneous with the process of composition and without the absolute need of foreseeing of the generative algorithms or the latent sections of text, as happens with traditional hypertext (This impedes hypertext, on the other hand, changing it into a model fit for approaching the regulative "mechanisms" of human languages and understanding in the brain).

This somewhat more radical position was found in *Towards the Digital Domain*, presented at the Planetarium of the City of Buenos Aires during an exhibition of the TEVAT group in December, 1995. It definitively extends the vision to the production and criticism of works with poetic function, moving in the direction of the coming virtual environments with *intelligent behavior*.

Technological contributions which will individually continue to politerium exponentially true corring years, so as to trulinge, more and more work your de possibilities of individual cytopidatio processing, two shireby managed to individual interinity choice at properts in advects of the devicement of the editor, then material supports, bundled in the cubant balance

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As one hope, a different type of anishese principles by the more and more proved and complex compare replanes is developing very quickly. This may clear at existince this time independent and clearly by ortadily, in order to dimension. This has not been at the end of the set of the setting building of the setting of the setting of the setting of the setting winder and your clear the setting of the setting of the setting of which at this setting point almost diverse to the setting diverse.

Undecidedity, we are thus positioned in an era of dramition begaven our physical reality and that artificiality or logical synthetical reality. This unique circumstance allows us to distinguish three beau espects:

(1) Testimui passive supports of data and information lices, prot, lices, colos, canava, castival, et era that excernganization during contraise or disturbus, and that very polsably will accined by inset with a situary displaced by instigater strates reprises, that is, active replanes, repareing their sented hardward activity are accident, but indexerned in support and for tight are condex, but indexerned in a supervise able to make ignificant contributions of information.

(ii) Consequency, regelections that traditionally have make use of these median restrict to express an transmit data and internation (paners, therany or musical composition, picture, scolpture, play, movie, photograph, etc.) will be related by visual events with characterizations about with related to those of the containing environment. These future remolectutions aphended with the overth characterization activate antibase. array objection (b), the most of more objection (b) the hears year and objection (b) the hears year of the disposition of the sector the web the separated line was the measure objection (b) the approx. The analysis is a processing of approx. The analysis is a processing of anyone, the analysis is a processing of anyone (b) anyone and anyone of code is bid of anyone and anyone of a processing of anyone and anyone (b) anyone and anyone of a processing of anyone and anyone a

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José E. Garcia Mayoraz

The Message in Action

The analysis starts from an arbitrarily elected semantic nucleus: «porque la gota es una miríada oblicua » (because the

is an objeut myriad! From the point sprouting integrins could be that carry the a point entropies consoling to that nucleus, wi di have (by its even natural set the most able vectorialization the one that has do it toward the semente "minds" of leads" and the first" of "minds" has

> ts of struggle are illustrated in with the entrance of each one es in the brain, where they are a riding to the forces and the direc



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Brain. And abhough the sum semantic-dynamic domains posses other forms, hose obsens for this work allow the doption all mays intradiantian conditions of interest like, for example, the Hamming distances, which have appear highlighted by means of trutk conical bits extracted from the spheres. The representations of the sememers in the dom of prisma, and their semes, like harmbroidal problemances such them, are much none arbitrary, of source, the sintagens, therefore, had to be "little trains" of prisms.

The poem *Primer Ague* (First Water) by the femous contemporary triat. *Gold Racine provided* me with the first opportunity to propore a *Me Chickinian Goldpapeae* and, at the same firms, to show during the behavior of the *Vectorial Stramatic Fields*, a theory expounded in yobs. *Orthogia Equation* (1997) and the theory of the theory Artificial Neurons Systems) work semid out by *Hotton Plant* and Sublivie in their studies of language in the them.

The complete digitalization was passed to *Ledislov P. Györi*, with whom agreed in assigning spherical forms and arbitrary positions inside the scressented brain to these

Semantic Fields, to achieve a didactic outline that was dynamic. But mainly it was for a very important reason: to initiate attempts in order

Art Criticism in Cyberspace

e them as the basis for rture Aided Creation vare, that will be besteristic of the Artificial And although the true mains possess other or this work allow the adomain conditions of



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Ladislao Pablo Györi





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## 3d interactive

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