

**Transfigural Mathematics**  
**(Journal of Transfigural Mathematics)**  
**Vol.1.No.1.1994**

<b>Themes</b>	<b>Papers/Articles</b>	<b>Authors</b>
<b>Editorial</b>	Anatomy of Science Policy	Lere O. Shakunle
<b>Mathematics</b>	<u>Mathematics – Existence and Things</u> The Problem of Existence in Mathematics  The Nature of Things  Dream of Fermat, Miracle of Wiles  <u>Contributed Paper</u> Rational Interpolation with Shape Control	Charles S. Chihara  J. R. Lucas  Reprinted with permission of <u>The Sciences</u> of New York Academy of Sciences  Muhammad Sarfraz
<b>Biology : DNA Anniversary</b>	40 Years of Double Helx – The Future of the Riddle	Lere O. Shakunle
<b>For The Records</b>	<u>Sixth International Conference of IFSE</u> Science Editing in the Age of Global Communication  Public Lecture on How Children Learn Language : Natural Magic or Long Haul?  <u>Prize Award</u> Schafer Prize Winners 1993	From IFSE Bulletin (Used with permission of The International Federation of Science Editors, Italy)  From the Ciba Foundation Bulletin (Used with permission of The Ciba Foundation, UK)  Reprinted from the <u>Notices of American Mathematical Society</u> . Permission by AMS
<b>Biology</b>	<u>Contributed Paper</u> The Arsenite Oxyanion-Translocating ATPase: Bioenergetics, Functions and Regulations.	Barry P.Rosen, Simon Silver, Suchitra Jagannathan et al.
<b>Profile</b>	<u>Science Sublime</u> Abdus Salam	Inteview by Lewis Wolpert and Alison Richards (Used with permission of Oxford University)

		Press, publishers of "Passion for Science.")
<b>ViewPoint</b>	<u>Noam Chomsky</u> The Nature of Linguistic Order	Interview by Lere O. Shakunle
<b>SciTech News</b>	* A natural lake turned lab * Environmental Care Support * Breaking Pest Resistance * Visible Magnetic Fields in sight * Feelings across Cultures * Networking Language Learning * A Leap in Pattern Recognition, maybe * The First Molecule of all	Renate Bader
<b>Between the Lines</b>	Cold Fusion – A Saga Without End	Renate Bader
<b>Around and About</b>	The River Between	Renate Bader
<b>The Very Idea</b>	The Nature of the Dialogue	From Editor's Desk

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<b><u>Highlight</u> Science, Art and Metaphor</b>	<u>Research Papers on Highlight</u> Melting Metaphors  Science and Art – Inter- action without Interference  Art and Science – Is a Bridge Possible?  Form, Content and Artistic Imagination	Lere O. Shakunle  Jacques Barzum  Michael Rowan- Robinson  Karin Stumpf
<b>Problems of Knowledge</b>	The Paradox of Progress – On the Contribution of Paradoxes to Growth of Knowledge	Lere O. Shakunle
<b>Philosophy of Mind</b>	Mind Making Mind – The Self in Search of Selfhood	John R. Searle on Biological Naturalism
<b>Physics</b>	Rumbles of Revolution – The Last Days of The Atom	Lere O. Shakunle
<b>ArtsWorld</b>	Another Kind of Art – Adventure in Higher	Shinichi Endo

	Dimensions	
<b>For The Records</b>	Science pour l'art – Adventure in Higher Dimensions	Editorial Team
<b>Profile</b>	Terry Tempest Williams – Our Land, Our Future	Interview by Darinda Schmidt
<b>ViewPoint</b>	<u>Rupert Sheldrake</u> On The Edge of Method	Interview by Lere O. Shakunle
<b>Book Review</b>	Rupert Sheldrake – <i>The Rebirth of Nature : The Greening of Science and God</i>  Saharon Shelah – <i>Cardinal Arithmetic</i> (OUP, 1994)	Lere O. Shakunle
<b><u>SciTech News</u></b> *Studying the Birth of the Universe * Cracking the Mysteries of a Nebula * Global Warming Signs in Russia * How Mountains are Made	* Genes influence Natural Selection * New Rice Plants More Grains * Getting to the heart of Chaos * Clues to Dalton's Colour Blindness	Renate Bader
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<b>Between The Lines</b>	Connecting The World – The Super Information Highway	Renate Bader
<b>Meetings and Conferences</b>		Compiled by Steven Lopata
<b>The Very Idea</b>	One World, One Environment	Lere O. Shakunle

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<b>Themes</b>	<b>Papers/Articles</b>	<b>Authors</b>
<b>Editorial</b>	Beyond the Data	Lere O. Shakunle
<b><u>Highlight</u> Social Sciences and Method</b>	<u>Research Papers on Highlight</u> The Mirage of Exactitude  Sociology – Crisis of Rebirth	Editorial Team  Norman Birnbaum
<b>Mathematical Logic</b>	Matran Knots	Lere O. Shakunle
<b>Artificial Life</b>	Networked Neuro-Baby	Shinichi Endo
<b>Medicine</b>	Thermography – An Essential Contribution to Medical Diagnostics	Reinhold Berz
<b>For The Records</b>	*Weizenbaum in Berlin – Computer Myth – What Computer can('t) do * Science pour l'art (Science for Art) 1995 – Zao Wou-ki and Steven Chu – Prize Winners 1995	Editorial Team
<b>ArtsWorld</b>	Origami Art – Blessing a Life into a Piece of Paper	Shinichi Endo
<b>WritersDiary</b>	Free Citizen Global Report – The Wrong to Abuse the Right	Editorial Team
<b>Profile</b>	An Editor's Apology	Darinda H. Schmidt
<b>ViewPoint</b>	<u>Daniel Dennett</u> The Self and its Consciousness	Interview by Lere O. Shakunle
<b>SciTech News</b>	* Life in Artificial Society * Policy Statement of Progress * Random is the Game of Life * Architecture - Confluence of Imagination	SciTech Correspondents
<b>Meetings and Conferences</b>		Compiled by Steven Lopata
<b>The Very Idea</b>	Neuro-Baby – Fun like Real, Fury Like Virtual	From Editor's Desk

**Transfigural Mathematics**  
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<b>Themes</b>	<b>Papers/Articles</b>	<b>Authors</b>
<b>Editorial</b>	The Creative Science Challenge	Lere O. Shakunle
<b>Themescope</b>		Editorial Team
<b><u>Highlight</u> Literary and Scientific Imagination – The Nature of the Dialogue</b>	<u>Research Papers on Highlight</u> The Confluence between Literary and Scientific Imagination  Science Fiction Role in the Vision of Science  Heavy Lifting – The Many-Volumes Series  The Concomitant Development of the Sciences, Literature and Emergent Paradigms	Arlan Andrews Sr  Steven Lopata  Gregory Benford  Tara Prince-Hughes
<b><u>Research Papers</u></b>	<u>Mathematics</u> Shape Preserving to the Positive Data  <u>Mathematical Logic</u> Post Correspondence Problem is Recursively Solvable	Malik Zawwar Hussain; Sohail Butt  Lere O. Shakunle
<b>For The Records</b>	p53 – The Bittersweet Gene	J. Frank Baker
<b>ViewPoint</b>	<u>Renate Mayntz</u> System Breakdown – Limits of Limit Cycles of Chaos	Interview by Lere O. Shakunle
<b>MathsLetters</b>	Scalene and Isosceles – Fibonacci Partitions	Domingo M. Gomez
<b>Medical Report</b>	<u>AIDS Cure Controversy</u> The Mariandina Promise  WHO – UNAIDS on Mariandina  AIDS – No Celebration Yet  Ssali's Reply	Charles L. Ssali  Awa Coll-Seck, - WHO  Interview of Ulrich Marcus, Robert-Koch-Institut, Berlin  Charles S. Ssali
<b>Grand Memories</b>	Abdus Salam – Grand Memory Forever	Lere O. Shakunle
<b>Meetings and Conferences</b>		Compiled by Steven Lopata
<b>The Very Idea</b>	The Last Word Problem	From Editor's Desk

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### Vol.3. No.1. 1997

Themes	Papers/Articles	Authors
<b>Editorial</b>	Frontiers of Metamorphosis	Lere O. Shakunle
<b><u>Highlight</u> Organic Challenge of Artificial Life</b>	<u>Research Papers on Highlight</u> If the Milieu is Reasonable: Lessons from Nature on Creating Life  Memory Bank : Exploring the Continuum of Consciousness and Thinkng  More Meaning or Just a Fad?  A-Life Fiction : Sleazy Weasels	Moshe Sipper  Dawn Prince-Hughes  Suchitra Jagannathan  Alan S. Scrivener
<b>Research Papers</b>	<u>Cognitive Sociometry</u> Point Frequency Social Research Methodology  <u>Quasi Axiomatic Theory</u> Process Compartment Approach to Modeling Natural Situations  <u>Cybernetics</u> A Curriculum for Cybernetics and Systems Theory	Lere O. Shakunle  Paul S. Prueitt  Alan S. Scrivener
<b>For The Records</b>	<u>Thomas Wohlfahrt</u> <u>literatureWORKshop</u> <u>Berlin</u> Creativity – The Birth of the Future	Interview by Lere O. Shakunle
<b>MathsLetters</b>	<u>Charlie H. Dietrich</u> A GLaD Proof That Makes History	Interview by Domingo G. Mórín
<b>ArtsWorld</b>	Art and Spirituality – Connections to Life and the Universe  Art, Life and Tradition	Bear Dyson  David A. Tovar
<b>Meetings and Conferences</b>		Compiled by Steven Lopata

<b>The Very Idea</b>	Dream of Life Everlasting	Lere O. Shakunle
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<b>Editorial</b>	Art With(out) Foundations	Lere O. Shakunle
<b><u>Highlight</u> The Changing Face of Art</b>	<u>Research Papers on Highlight</u> Art – Old Mansions, New Vistas  My Road to Museville – Born or Mad, The Artist is There  Bio*Art Exhibition in Bath	Lere O. Shakunle  Li Gardner  Jeff Schmitt
<b>Research Papers</b>	<u>Architecture</u> Did Plato Ever Refer to a Section in Extreme and Mean Ratio in his Writings?  <u>Cellular Automata</u> Irreducible Processes Generating Emergent Properties  <u>The Preasum Mentis</u> <u>Forum</u> Superstring, Theory of the Enigma of Selfhood The Unbroken Spiral of Life  <u>Music Theory</u> Symmetry as a Compositional Determinant  <u>Bioautomata</u> Cyclomorphosis – The Functional Role of Development	Anne Bulckens  Tokufumi Yamamoto  Dawn Prince-Hughes  Larry Solomon  Mervyn van Kuyen
<b>For The Records – MathsLetters Special</b>	<u>Martin Grötschel</u> ICM'98: Mathematics Comes to Berlin – Spirit and Letter	Interview by Lere O. Shakunle
<b>Research Frontiers</b>	Ether <i>Can be</i> a Superplastic Solid	Kenneth J. Hsü
<b>Special Review</b>	<u>The Journal of Mind and</u>	

	<u>Behaviour</u> (Special Issue) Understanding Tomorrow's Mind : Advances in Chaos Theory, Quantum Theory, and Consciousness in Psychology. Editor: Larry R. Vandervert, American Nolinear Systems	Review by Lere O. Shakunle
<b>MathsLetters</b>	<u>Deutsche Mathematiker Vereinigung (German Mathematical Union)</u> ICM'98 Background Information	Vasco A. Schmidt
<b>SciTech News</b>	<u>Potsdamer Platz Berlin</u> Baugarten Presents Report	Special Correspondent
<b>Meetings and Conferences</b>		Compiled by Steven Lopata
<b>The Very Idea</b>	Internet and Africa – Behind the Bottleneck	From Editor's Desk

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Themes	Papers/Articles	Authors
<b>Editorial</b>	Fact, Fiction and Reality	Lere O. Shakunle
<b><u>Highlight</u> The Novel – Its World in Space and Time</b>	<u>Research Papers on Highlight</u> Exile, Place and Personality in Jane Eyre  Space, Time and Event in Literature: Time and Time Travel  Protecting the Footprints of the Pen on the Sands of Time	Susan Lonac  Diana Gabaldon  International P.E.N.
<b>Research Papers</b>	<u>Mathematics – Architecture</u> Logic Numbers and the Music of Greek Architecture  <u>Biology</u> Hypothesis – Transplacental Chemoprevention of Cancer	Anne Bulckens; Lere O. Shakunle  Magnus A. Azuine
<b>For The Records</b>	Closing a Century with the Blossom of Mathematics  Fields Medals, Nevanlinna Prize and a Silver Plague	Lere O. Shakunle

<b>ViewPoint</b>	<u>Alan D.M.Rayner</u> Breaking Boundaries, Building Niches	Interview by Lere O. Shakunle
<b>MathsLetters</b>	<u>International Congress of Mathematicians (ICM) Berlin 98</u> Some Areas of Research Interest	Vasco Alexander Schmidt
<b>SciTech News</b>	A Univesity rolls the Ball of Autonomy	SciTech Correspondent
<b>Book Review</b>	Ian Stewart – From Here to Infinity. Guide to Today’s Mathematics	Lere O. Shakunle
<b>The Very Idea</b>	The Pen Unfolding:Scribbling in the Sands	From Editor’s Desk

## Transfigural Mathematics (Journal of Transfigural Mathematics) Vol.5. No.2. 1999

<b>Themes</b>	<b>Papers/Articles</b>	<b>Authors</b>
<b>Editorial</b>	Progressive and Otherself	Lere O. Shakunle Susan R. Lonac
<b><u>Highlight</u> The Challenge of Fundamentalism</b>	<u>Research Papers for the Highlight</u> How it feels to be right : Progressive Misreadings of Christian Fundamentalism  The Ivory Tower of Fundamentalism : Fundamentalist Tendencies in Mathematics and Science	Susan R. Lonac  Lere O. Shakunle
<b>Research Papers</b>	<u>Mathematics</u> The Impressive Resilience and Elegance of Unity as a Multi-Representation through Sums of Egyptian Fractions  On Relative Uniform Local Connectedness	Panos A. Patsouris  Hlengani J. Siweya
<b>ViewPoint</b>	<u>Reuben Hersh</u> Making Mathematics Responsible – A Socio-Historic Perspective	Interview by Lere O. Shakunle
<b>For The Records</b>	<u>Health of the Planet Project</u> The Green Space of Home	Edwin Shea
<b>ArtsWorld</b>	<u>San Francisco Museum of Modern Art</u> Bill Viola – A Twenty Five	Nicole Allensworth Grosvenor

	Year Survey	
<b>WritersDiary</b>	Design Fault – Serialization	Alan Rayner
<b>Political Science Review</b>	<u>Anthony Giddens</u> <u>Queen’s Lecture –</u> <u>Technical University</u> <u>Berlin</u> The Third Way Reinvention of Liberal Democracy	Lere O. Shakunle
<b>MathsLetters</b>	Computer Awareness and Human Resource Development	Evelyn Abakah
<b>World Mathematical Year (WMY) 2000</b>		UNESCO

## Transfigural Mathematics (Journal of Transfigural Mathematics) Vol.6. No.1. 2000

Themes	Papers/Articles	Authors
<b>Editorial</b>	The Logic of Life Itself	Lere O. Shakunle
<b>Research Papers</b>	<u>Mathematics-</u> <u>Philosophy of</u> <u>Mathematics</u> The Writing of Mathematics  <u>Medicine -</u> <u>Pharmacology</u> Malaria – Africa’s Health Challenge of the Millennium  <u>Engineering – Ecology</u> A Model for finding Optimal Point between Industrial Sustainability and Economic Development of a Growing Economy – The Formulation	Sundar Sarukkai  Segun G. Ademowo  Israel Dunmade
<b>For The Records</b>	<u>Technion at 75</u> Johannes Rau Honoured for Courage  Human Rights – Academic Freedom	Lere O. Shakunle  Human Rights Watch
<b>Special Report</b>	Foundation for Ecological Safety	Michael S. Soloviev;

	(Chistaya Rodina)	Irina V. Vasina
<b>WritersDiary</b>	Design Fault (Continuation)	Alan Rayner
<b>MathsLetters</b>	Interdisciplinary Communication of Mathematics – Mathematics, Makers and The Muse  Mathematics on Stage in New York	Lere O. Shakunle
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<b>Editorial</b>	The People Now	Lere O. Shakunle
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<b>For The Records</b>	<u>Language of Water</u> <u>Conference in Bath</u> Water, Language, and Identity  <u>The Immortals Series</u> Gottfried W- Leibniz – A Genius True to his Species  Monadology, Rationality, and Condition of Being	Lere O. Shakunle

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<b>ArtsWorld</b>	Paintings	Painting by Suchitra Jagannathan
<b>Workshops, Meetings, Conferences</b>		Compiled by Editorial Team
<b>The Very Idea</b>	The Enigma of The Present	Lere O. Shakunle

## **Transfigural Mathematics** (Journal of Transfigural Mathematics) Vol.8. No.1. 2002

<b>Themes</b>	<b>Papers/Articles</b>	<b>Authors</b>
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<b>For The Records</b>	<u>From Mathematics with Love</u> – Berlin Welcomes DFG Research Center “Mathematics for Key Technologies.”  <u>The Immortals Series</u> Srinivasa Ramanujan	Covered by Lere O. Shakunle
<b>Research Papers</b>	Genesis and Acceptance of Special Relativity :	Rinat M. Nugayev

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	Marie Corelli – The Badge of Courage	
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(Vol. 10. No.1.2004)

<b>Themes</b>	<b>Papers/Articles</b>	<b>Authors</b>
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<b><u>4th International Literature Festival Berlin</u></b>	<u>Opening Speech by Antjie Krog</u> African Forgiveness – too sophisticated for the West	
<b>ArtsWorld</b>	Kitz – Dance as Bodyspeak Bodystory. Choreography and Production : Uris Dietrich  Kitz as Art	Lere O. Shakunle and Susanne Pikullik- Bastian
<b>Feature</b>	How to develop Imagination	Culled from early 1900 publication

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**(10<sup>th</sup> Year Anniversary Edition)**

<b>Themes</b>	<b>Papers/Articles</b>	<b>Authors</b>
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<b>For The Records</b>	Albert Einstein – Relativity Behold a Baby in the Manger of The Mind  Invitation from Physics	Lere O. Shakunle
<b>Meetings- Conferences- Lectures</b>		Compiled by Editorial Team
<b>Gödel Centenary 2006</b>	Kurt Gödel – Horizons of Truth. An International Symposium. Celebrating 100 <sup>th</sup> Birthday of Kurt Gödel	The John Templeton Foundation/Kurt Gödel Society

- **2006 Editions to be added**
- **Refer Links for other Past and Current Editions**