

Integral Leadership Review

Volume X, No. 5
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Leading Comments

<http://www.integralleadershipreview.com/become-an-ilr-friend.php>.

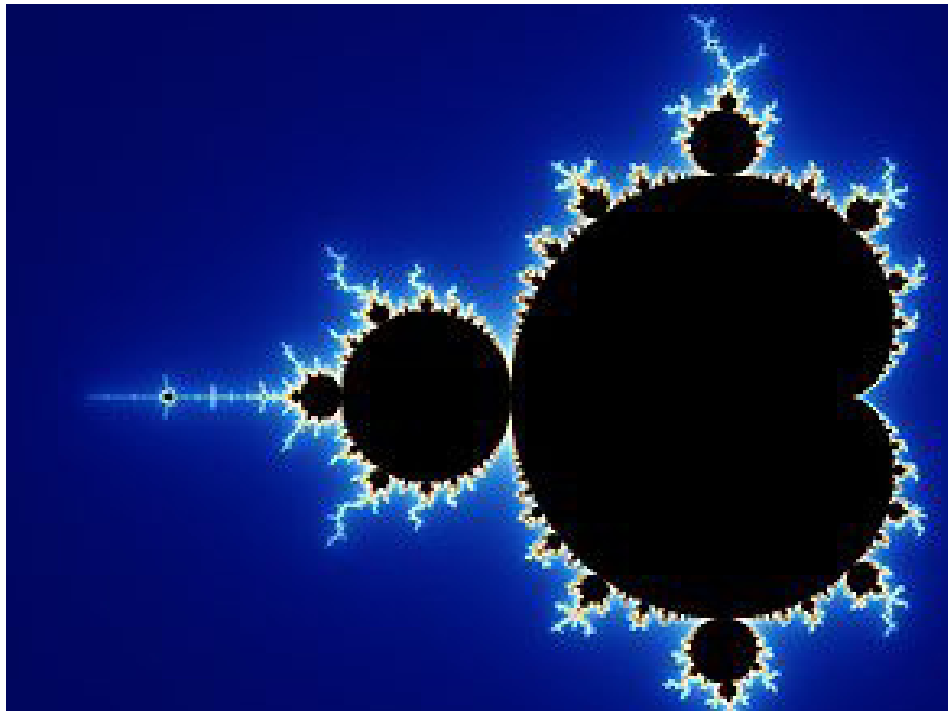
I want to call your attention to an extraordinary mind-venture: London's Serpentine Gallery, in conjunction with Edge has produced a series, "Maps for the 21st Century. It featured non-stop live presentations by over 50 artists, poets, writers, philosophers, scholars, musicians, architects, designers and scientists. You can access many of these maps at <http://www.edge.org/documents/Edge-Serpentine-MapsGallery/index.html>.

Fittingly, this issue of Edge is dedicated to the memory of

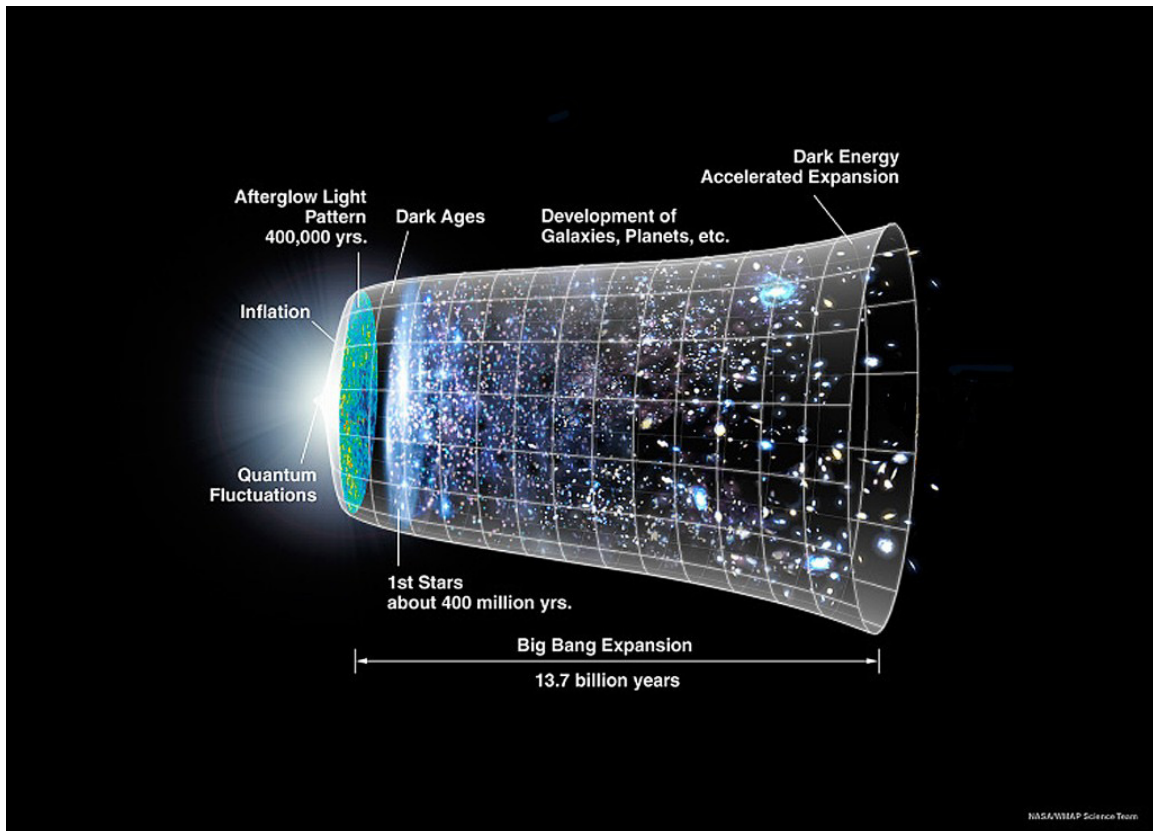
BENOIT MANDELBROT
1924 — 2010

"Clouds are not spheres, mountains are not cones, coastlines are not circles,
and bark is not smooth, nor does lightning travel in a straight line."

Mandelbrot came up with the mathematics that led to the computer generation of fractals. Here is the first one that was generated:



As for other types of maps, here are some samples. (Go to the urls if you want to get images you can increase in size.) If you feel that life is just moving too fast and there isn't enough time to do all the things you hope for, take a look at this:



“George F. Smoot
Cosmologist, Lawrence Berkeley National Laboratory; Recipient, The Nobel Prize For Physics 2006; Coauthor, Wrinkles in Time

“This is a map of the space-time for our observable universe. It shows two of three spatial dimensions and the time. It shows the beginning of time to the present epoch. You have to imagine the third spatial dimension as the continuation of the sphere of space around us for which the two dimensions show a circular cross section.”

<http://www.edge.org/documents/Edge-Serpentine-MapsGallery/large-24.html>

Or if you are of deeper persuasion, try this:



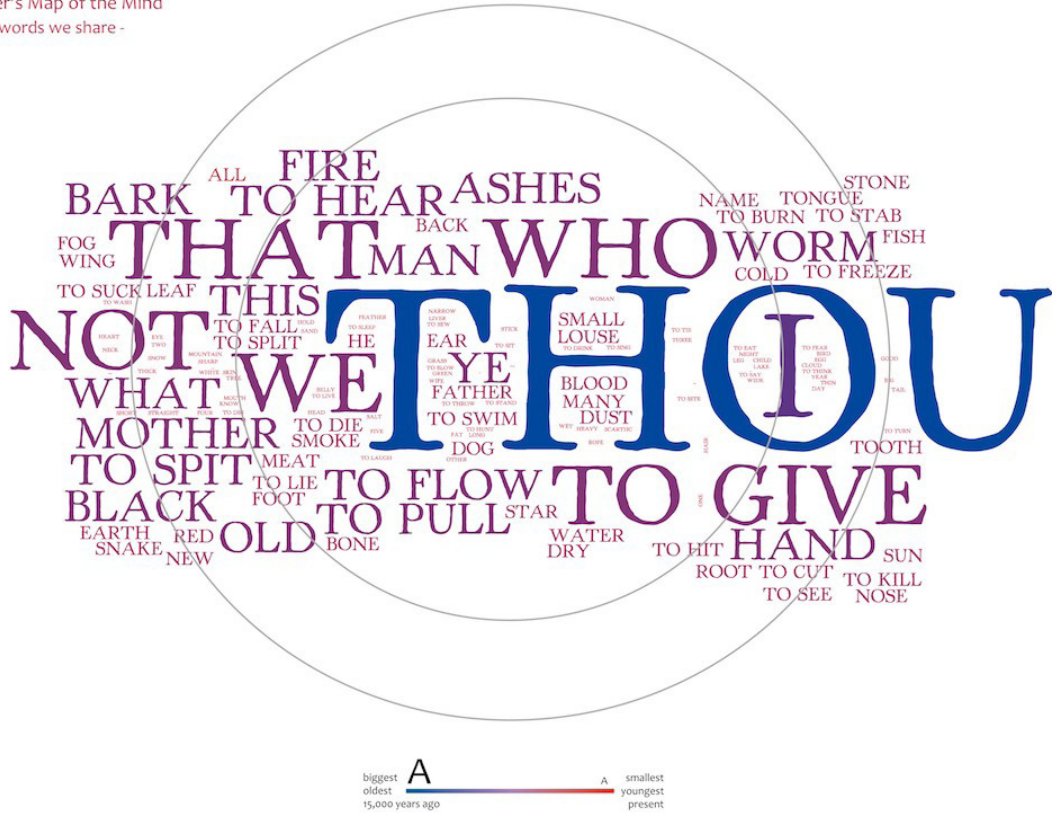
Nicholas Humphrey
Psychologist, London School of Economics; Author, *Soul Dust*

“This image was painted on the wall of a cave in Vilafames, Spain, about 15000 years ago. When I came across it in 2006 I was taken aback to see its resemblance to a drawing I had made a few years earlier to illustrate the interiority—and privacy—of consciousness. Was the Neolithic artist giving us a map of what it’s like to be human?”

<http://www.edge.org/documents/Edge-Serpentine-MapsGallery/large-30.html>

And if you think Buber had it down pat:

A Speaker's Map of the Mind
- the words we share -



Mark Pagel

Professor of Evolutionary Biology, Reading University, England and The Santa Fe Institute

“The oldest words in our lexicon (largest font in image) change through history slowly enough that they might have been recognized by people living 15,000 years ago or more, younger words (small font) would not. Our ancient shared speech is dominated in all languages by social relations: you, me (I), what we do, to whom, and has been throughout our history. Map credit: Mark Pagel and Andreea Claude “

<http://www.edge.org/documents/Edge-Serpentine-MapsGallery/large-37.html>

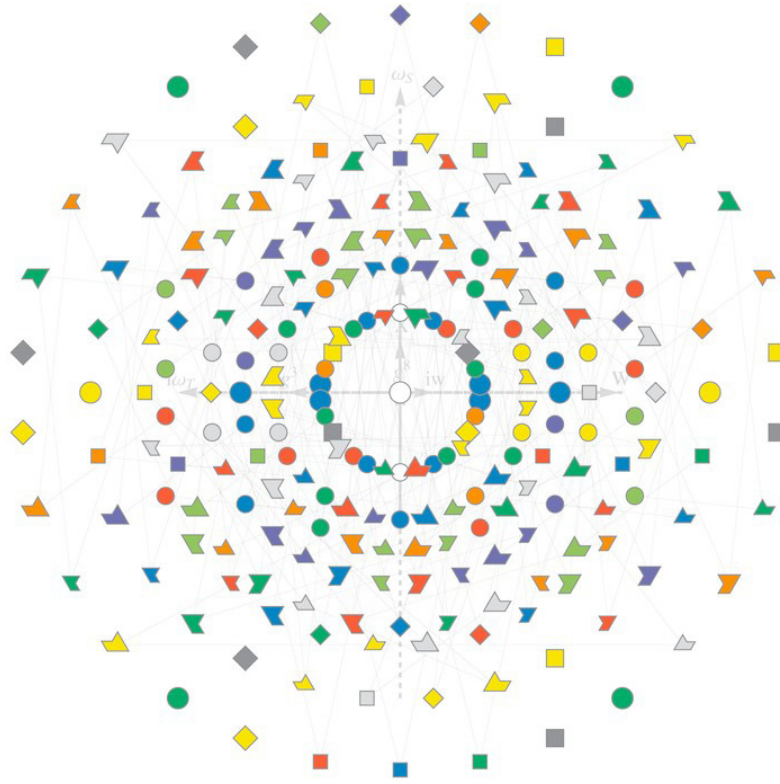
And here is another theory of everything:

E8 theory

Every kind of elementary particle field is identified by its electric, weak, strong, and spin charge, which determine how it interacts with electromagnetic, weak, strong, and gravitational fields. In interactions, when two particles combine to make a third, or one particle decays into others, these charges are conserved. The structure of these particle interactions is determined by the geometry of the E_8 , $SU(3)$, $SU(2)$, $SU(3)$, and $Spin(1,3)$ Lie groups and representations of the Standard Model and gravity. In the unified electroweak theory, the $SU(2) \times U(1)$ symmetry is broken by the Higgs boson, selecting electric charge as a specific combination of weak charge and hypercharge. The strong force is mediated by the eight "gluon" particles of $SU(3)$, which interact with "colored" quarks having two strong charges. The gravitational $Spin(1,3)$ field describes the rotation of the gravitational frame, and interacts with fermions according to their spin and boost charge, which can be left or right handed, and up or down, depending on how the fermion is spinning and moving through space. Remarkably, each elementary particle field, including the photon, weak bosons, gluons, gravitons, frame-Higgs, and all fermion states, corresponds to a particle of the largest "exceptional" Lie group, E_8 . The three generations of fermions, with identical charges but different masses, may be related to particles of E_8 via a special symmetry called triality. The 248 particles of E_8 have eight different kinds of charge, including the six kinds of Standard Model and gravitational charge. Here, its eight dimensional charge diagram is projected to two dimensions and plotted, exhibiting its exquisite structure. The E_8 Lie group has deep connections to many areas of mathematics and is perhaps the most beautiful mathematical structure known. If E_8 theory is correct, our universe could be the existing and dancing of this exceptional geometry.

Charges		Bosons	
W	weak	○	photon
Y	hyper	●	weak boson
g^3	strong	●	gluon
g^8	strong	●	graviton
ω_S	spin	■	frame-Higgs
ω_T	boost	○	weaker boson
X	GUT	●	X boson
w	PQ	■	other Higgs

Fermions	
●	neutrino
●	electron
●	up quark
●	down quark
●	up quark
●	down quark
●	up quark
●	down quark
●	up quark
●	down quark
●	left up
●	left down
●	right up
●	right down
●	right up anti
●	right down anti
●	left up anti
●	left down anti



Garrett Lisi Independent Theoretical Physicist; author, "An Exceptionally Simple Theory of Everything"

E8 Theory

<http://www.edge.org/documents/Edge-Serpentine-MapsGallery/large-41.html>

Oliver and Others



Oliver Ngodo, our displaced Nigerian seems likely not to be displaced any longer. (See his article in this issue of Integral Leadership Review.) Seems he is likely to be taking on a leading position with an integral leadership project in Nigeria.



Yene Assegid has been relocated from Sierra Leone to Beijing, China—along with her family—thus making it a bit more difficult for her to actively track integral leadership activity in Sub-Saharan Africa. We hope she will bring interesting events and ideas from China, in addition to continuing to leverage her extensive international network.

Oliver will join her as Associate Editor and Bureau Chief for Sub-Saharan Africa.

We wish to thank ex-pat American Debby Hallett for her outstanding contributions to Integral Leadership Review as Bureau Chief for the UK.



And we are very excited to welcome Nick Shannon who lives outside of London as our new Associate Editor and Bureau Chief for the UK. His bio: Nick Shannon is the founder and principal of Management Psychology Limited, a UK based practice specializing in organizational and management development. Nick is a Chartered Psychologist, a member of the British Psychological Society and a founding member of the Association of Business Psychologists. After studying Psychology and Philosophy at Oxford University, Nick's career has involved working variously as a commodity and derivatives trader, a director of a foreign exchange business, and a restaurateur. Latterly

a business consultant, Nick's goal in working with clients is to help them improve the quality of their management teams, which he believes leads to better organizational performance and more satisfied and engaged employees. Typical assignments involve the design and delivery of assessment, selection and development processes at three points of focus: individual leaders; senior management teams; and organization-wide.



We would also like to welcome José Luis Yañez Gordillo, Associate Editor and Bureau Chief for Spain. Jose (also known as Joseph) is the founder of www.positive-management.com, a knowledge hub that provides reviews, articles and forum discussions about self-development tools applicable to leadership, coaching, stress management, human potential, positive psychology and happiness. He is also a Partner-Director for The Centre of Positive Leadership, a consulting firm within an HR Consulting Holding based in Madrid, Spain (www.grupoblc.com) for applied research on the application of positive psychology, NLP and mind-body entrainment (neuro-emotional coherence) to leadership development.

We have hope of expanding our networking into Spanish-speaking cultures in Central and Latin America. We hope that José will take an active role in helping us do that.

This Issue

I am continually amazed and delighted at the knowledge and talent many people are bringing to Integral Leadership Review. This issue is a testament to that. Recall that the mission of this publication is to be a bridge, a bridge that links idea, people, and domains. By domains I mean that we want to forge a dialogue among those in leader roles, academics, students, consultants, coaches, authors, researchers, explorers...you name it—any domain that has an interest in the phenomena of leadership. This issue is a demonstration of that bridging.

Since some of you have indicated that the first thing you look at in each issue is the leadership cartoon, Mark Hill has taken an idea and worked his magic on it once again.

Two coaching tips by folks who are highly experienced practitioners start us off. And an interview with Ken Wilber! Frankly, there just isn't enough time to cover all the possible topics of interest with Ken, so here we focus more on what is happening in Ken's world of integral with a taste of where it might be going.

Then there are the articles. What an array! Integral with soul and heart and passion for addressing oppression can be found in the work of Raul Quinones Rosado. Internationally recognized professional, William Cohen, a retired United States Air Force General, make the case for heroic leadership and encourages us to get past the myths. Well known integrally-informed trainer, consultant and now CEO Bob Anderson opens us to insights on what it means to take on the reins of responsibility in a business. There are several integrally informed articles focused directly on leadership by Mark McCaslin and Renee Snow, John Hardmann, and Debbe Kennedy and Jessica Roemisher. Then there is the systemic integral view offered by Susan Wright or Devin Martin. Oliver Ngodo writes about violence and transformation. Robert Wayne Johnston returns with some very practical material on dealing with conflict. Sue McGregor and I present the fourth in our series on transdisciplinarity in higher education by focusing on two programs in Mexico and one in Brazil.

We try to have a "student" paper in each issue. Not always easy to find. If you think you have done one that would be appropriate to Integral Leadership Review, let me know. In this issue we are fortunate to have one by William Harryman who may be known to you as an integral blogger at Integral Options Cafe and The Masculine Heart.

There are a wonderful set of Notes from the Field about events and activities online, in the UK, France, the Netherlands and in the US. This is a wonderful way for you to informally let the readers of Integral Leadership Review know about value-added events, experiences and applications of integral and leadership work in the world.

Book reviews by Kerry Dugan (Tribal Leadership) and myself, (Ronnie Lessem and Andrew Schieffer's work—some of it: Integral Research and Innovation and Transformation Management) and an usual array of mini-reviews. If you are an integrally-informed economist, I would appreciate your contacting me about doing a review of their forthcoming book, Integral Economics.

Don't miss our columns with Alan Tonkin's discussion of South Africa and Keith Bellamy's insights—So You Want to Be an Integral Author!

The issue wraps up with Coda and attention to a publication, Plastir, published in France. It includes a brief work and some unusual writing by physicist and transdisciplinary leader of CIRET, Basarab Nicolescu.

Don't forget that the January issue is a special issue on India being guest edited by Raghu Ananthanarayan. It will feature an interview by Prasad Kaipa with Om Bhatt, Chairman of the Board of the largest bank in India. If you are not in India or from India, it is highly unlikely that your work will show up there, unless it is a Notes from the Field or Announcements. If you are interested in submitting an article or review, aim for mid-February and the March issue. Don't forget to minimize formatting, include a bio and portrait photo of you.

So, how are we doing? We have grown to more than 3200 subscribers. I welcome you all. Is there something in this issue that attracts you? Let your friends know and that they can subscribe for free at <http://www.integralleadershipreview.com/subscribe-ilr.php>.

We are a volunteer effort. Most of the money supporting this comes from donations with some welcome sponsor support, particularly by Stagen. We thrive on your subscriptions and it is always wonderful to see

the numbers growing week after week. And we need your financial support, those of you who can afford it, so that the important information you offer and share can be accessed by anyone anywhere in the world who can bring a more integral/integrative/transdisciplinary/generative perspective to addressing the significant challenges before all of us. Your gift can be made at <http://www.integralleadershipreview.com/become-an-ilr-friend.php>.

Thanks!

—Russ

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