

Self-Similarities

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INTRODUCTION

By the time I had finished Vols 1 & 2, I was determined to look at the "Flying Saucer" form of IHBO's Tierra Del Fuego (0.0), the "sea monster" form of its Shantung Peninsula more closely, similar detail globally.

Globalisation beyond IHBO would start at IHBO intersections with Western Pacific island arcs, and other putative, longitudinal, strongly Freeze Effect-ed symmetry strings, 0.1.

This search would be verificational of my global Thesis (0.1) in the Popperian sense:

- Since macro-symmetries are already global, any global non-ubiquity of multiscale nested symmetries, symmetry strings and so on, would cast doubt on my Thesis.
- Observed global ubiquity of multiscale nested symmetries on the other hand, would add to the already long list of corroborations of my Thesis.

It would also be most illuminating serm morphologically. Serms are Supercrater Etalon Resonance Manifestations (SERMs, 0.1, also 4.5-11).

DISCUSSION

IHBO has been, tellingly, strongly Freeze Effect-ed even along most of its continental spans, through Asia, South America and Australia . . . , usefully so . . .

I could make good use of small area conical map projections of such frozen manifestations (1.01-3), because these would be relatively undistorted due to low sphericities. . . .

Small maps would produce truer symmetry detail, but there are more of them! I would have to be very selective.

I decided to concentrate my search on strongly delineated, strongly Freeze Effect-ed, mostly low lying, coastal regions: river estuaries, large river/lake systems, capes, islands.

GLOBALISATION

Island arcs were most obvious candidates. I resolved to tackle them first, after detailing IHBO.

Many of the most impact-energised regions are under-populated. Their maps are thus least cluttered with political detail: Arctica, Amazonia, New Guinea, Tibet, outback Australia.

Fortunately I tried non-coastal Tibet, various inland deserts. They exhibit extensive symmetries. They fitted my criteria. I knew of the ubiquity of sedimentary strata.

River estuaries were a bold but successful move also, because of obviously strong post-inscription noise problems: hydrodynamics, bank erosion, canalisation, and so on.

I would postpone consideration of most of the central uplands of Mongolia, Brazil, central Australia, because of possible minimal Freeze Effect (3.3), ocean trenches and ridges because of obscuration.

BATS, AEROPLANES, TUNING FORKS, SEA MONSTERS/SPACESHIPS (BATS)

When I looked at closeup maps of my Tierra Del Fuego flying saucer / Shantung Peninsula "sea monsters", their IHBO-centred symmetries were immediately obvious.

I found many other flying saucers/sea monsters and other symmetries along IHBO, as indicated by Vol 1's macro-symmetries, several beyond IHBO also.

Many islands are thus bat-like, for example Hokkaido, Tasmania, and many small islands where I found my final Key (0.1):

Aleutian and Kuril Islands. . . Other most emphatic symmetries are in antipodal Africa, or surround the Pacific Ocean, tellingly so.

Tasmania is filled with 100s of emphatic symmetries. In Obss 276a-340, I show only a small sample. Hokkaido and many other places are similarly fruitful.

METHOD

I started producing my multiscale symmetries by making tracings from maps. Only ordinary maps were generally available to me.

The theoretical basis of the method I am about to describe is explained in 0.1, under SERMS.

Briefly, this Method uses the "pathways" of that explanation to reveal the individual symmetries of "sets of symmetrical faultline inscriptions".

COARSENING

The coarsening of inscription "potentials" implicit in this was intentional, as explained for similar procedures in 3.1 end section: Computerisation, Coarseness.

Briefly: Real inscription processes are noisy, stochastic. Finding them is facilitated by using potentials of equivalent fuzziness.

My pen thicknesses seemed about right. I thickened some of my drawings, using a 2 pixel Minimum Special Filter in my PhotoStudio software.

TRACINGS

I traced rivers, lakes, coastlines of equatorial or other conical projection maps, indicating mountain peaks as dots, and made photocopies of the tracings.

I used a red felt Nikko permanent marker pen so as to be able to easily distinguish my tracings against the black photocopies when looking for symmetries. I later found that graphics processing is easier if one uses a black pen:

Fortunately, the most impact-energised regions tend to be under-populated, thus least cluttered with noisy political detail: Arctica, Amazonia, New Guinea, Tibet, outback Australia.

GLOBAL SURVEY

Using photocopy transparencies and white paper photocopies directly from maps in a similar way, I roughly surveyed the whole of the Earth. I found multiscale, nested symmetries ubiquitously, in all basins and coastal regions.

SERENDIPIDY

In this Vol 0, I was unduly shy of mountain ranges, which Vol y) has since indicated are most important centres of mantle serm symmetries.

This shyness enabled Vol 0 breakthrough (0.1 Keys 1-4), delayed Vol y) breakthrough, may have been intentional, a subconscious way of correcting a bias:

BIAS: My early, Vol 3 studies (4.25, 26) had centred many crustal serms along coastlines few, if any, mantle serms. The reason: Serms are most easily traced on land. Oceanic serms are obscure.

I began to realise that my original intuition re global rhythms had been swamped because of two years of hard work producing 4.2-27, 1997-99.

CONFUSION: Vol 0 "shyness" enabled me to observe that mantle serm symmetries are centred along island arcs and coastlines and large river systems (Obss 181-192) as much as mountain ranges.

Hairpin bends/peninsulae, islands, hills, river junctions along rivers and coastlines, islands in island arcs, may be equivalent, serm inscriptionally, to peaks and lakes along mountain ranges.

Beyond the effects of erosion, dissimilarities between rivers, coastlines, island arcs, mountain ranges may be predominantly Freeze Effect-ed.

NIGHT AND DAY: Confusion is an important creative device. . . . Vol y) may never have happened had Vol 3 not been diminished, to produce a Vols 0-2 night, shining with symmetry stars, between Vols 3, y) days.

My proto-thesis (4.2-27), while obviously, importantly true, had been socially diminished also. Communications with reviewers, publishers and so on ended with their Reviews, 2000.

LONG LINEAL COINCIDENCES

I inverted each transparency, placed it atop its copy and looked for long lineal coincidences of riverine/coastal inscriptions, high frequencies of which are unlikely to happen randomly.

I found non-randomly high frequencies of long lineal coincidences. Their non-randomity is confirmed by coaxial, NEsted Micro-Symmetries (NEMIS)/ NEsted MULTIscale Symmetries (NEMUS):

Lake Victoria's shoreline in Obs 240-2 emphasises long lineal coincidence, NEMUS non-randomity. NEMIS are a subset of NEMUS.

NEMIS/ NEMUS

NEMUS axes of symmetry ubiquitously bisect axial mountains, peninsulas and so on, are symmetrically straddled by axial bays, beaches, river bends, river junctions, unusual "tuning fork" rivers and so on.

Obs 273a, b demonstrates this variety of forms. NEMUS look like BATS more often than not, are often mini-/micro-BATS. Obs 0-60b shows peninsula-island string NEMIS.

NEMUS are obvious throughout Obs, Vyss.

SELF-SIMILAR: NEMUS are most often orthogonal sections of river, coast or shoreline, less often collinear sections of river, coast or shoreline. Sometimes they are ridges, mountain peaks.

This ubiquitous "self-similarity" of NEMUS to macro-scale IHBO-axial BATS and IHBO Effect manifestations is strongly corroborative, because multiscale "self-similarity" is characteristically real.

Indeed, NEMUS is one more of this ebook's many prediction-verifications. My knowledge that multiscale "self-similarity" is an important characteristic of real, natural systems led me directly to NEMUS.

Eventual application of NEMUS understanding to mountain peaks after a period of avoidance, led to Vol y.

BIAS: NEMUS are thus manifested ubiquitously wherever I have looked. However, I did not look everywhere. My dot representations of major peaks are symptoms of bias:

I had concentrated on tracing Freeze Effect-ed inscription manifestations in basins, depressed, probably oceanically Freeze Effect-ed regions.

This bias served me well originally: 0.1 Keys 0-2, 4, Corroboration Points 1-6.

DISTORTION: I had anticipated that inscription manifestations in uplifted regions would be too noisy for me to work with easily: less sharply defined, more likely to be distorted and so on.

This distortion idea was corroborated by 0.1, Corroboration Point 1. This slowed progress towards y.1 confirmed my bias temporarily. The breakthrough came through Fig 7.

NEMUS delineation where I have not looked, such as along 4.3's minimally Freeze Effect-ed, mountainous "radiations" may require that uplift distortions be computed, and undone.

An example of such magmatic distortion may be the "parallel river" of Obs 265-6, 1 pixel column to the left of the axis indicated by NEMIS pointers.

I followed the NEMIS pointers in this example, assuming that the river's non-collinearity to be due to distortion associated with uplift of the ridge to its right, presumably a magmatized faultline.

POINTERS: Obs 265-6 is thus a good example of use of NEMIS as pointers to most emphatic overall symmetries via axes. I find nearly all my multiscale symmetries this way.

I had already found too many symmetries, did not need any more when I saw the 0.943 symmetry. Its NEMIS "jumped out at me" when I was digitising Obs 265 Fig 1.

COAXIALITY: There is a strong correlation between NEMIS and symmetry axis indications.

NEMIS are good predictors of multiscale symmetries. The easiest way to find medium-scale symmetries is via coaxial NEMIS indications.

SELF-SIMILARITY

Coincidence inscriptions are generally, evidently BAT-like: Overall and nested, multiscale Coincidence forms generally look like Bats, Aeroplanes, Tuning forks, Sea monsters/spaceships (BATS).

“Join-the-dots” extensions to BATS forms are tellingly consistent with IHBO, 0.1 Corroboration Point 10.

Multiscale self-similarity is characteristic of real natural systems. Ubiquitous self-similarity of NEMUS to IHBO-axial BATS, macro-scale IHBO Effect are thus mutually corroborative.

DISPLAY

Candidate multiscale symmetries were finalised by positioning transparency and copy for maximal long lineal coincidences, and noting the axis of symmetry on the copies, axially or orthogonally.

Orthogonal markings were made where matching potential-relic forms seemed to “fit” most emphatically, consistent with co-genesis. The procedure was otherwise much as described for Vol 1’s macro-symmetries.

I then positioned the transparencies onto my scanner with axial/orthogonal indications aligned lengthwise, so that I could reproduce my coincidences using Graphic Design procedures.

GRAPHIC DESIGN

The tracings were scanned into my PC computer PhotoStudio and colour processed for maximal emphasis of coincidences as Composite Differences.

I started processing my figures from red tracings on a white background in the following way (Working from black tracings is much easier, as I did for Nile and Mekong Deltas):

1. Rotate so that axial indications are vertical.
2. Produce a Blue-Green on Black Negative and Save this as the “Line” copy for symmetry axis display.
3. Enhance Blue Brightness to zero to ensure Yellow-Orange colorisation of eventual Coincidences.
4. Crop this Yellow-Green on Black picture so that axial indications are along the central column of pixels. Save as the “Red” copy.
5. Negative this and re-Orient: Mirror-ed, Rotated 180. Save as “Mirror-Negative” copy.
6. Retrieve the Red copy and produce a Composite Difference Effect: an Orange Coincidence signal on Magenta lines against a White background.
7. Do a Negative. This produces a Blue Coincidence signal on Green lines against a Black background.
8. Enhance Hue --155 points, so that the Coincidence signal becomes Orange on Red lines against a Black background.
9. Enhance Red
10. Enhance Hue --50 points, so that the Coincidence signal becomes Orange on Blue lines against a Black background.
11. Enhance Blue Brightness to zero so that the Coincidence signal is Orange on Brown lines against a Black background.
12. Enhance both Brightness and Contrast to ~65 to produce a bright Orange Coincidence signal on red-brown lines against a black background.
13. The red-brown lines and the black background have acquired a colourful greenish halo in many places. I usually do not remove this for aesthetic reasons.
14. I Crop and Save this picture as the **Coincidence** Figure.
15. Retrieve the Line copy. Create New Layer with 50% transparency Properties. Draw purple line along the symmetry axis.
16. Merge Layers. Crop and Save as **Rotational Axis** Figure.

I introduced an alternative Procedures 8-13 at a late stage to produce more readable Figures:

8. Enhance Green Brightness to zero so that the Coincidence signal becomes Blue on Blue-Green lines against a Black background.
9. Enhance Hue -180 points, so that the Coincidence signal becomes Orange on Purple lines against a Black background.
10. Enhance Red Brightness to zero, Hue --45 to produce an Orange Coincidence signal on a Blue-Green lines against a black background.
11. Enhance both Brightness and Contrast to ~60-90 to produce a bright Orange Coincidence signal on Blue-Green lines against a black background.
12. I sometimes did additional Enhance-ments of Blue, Green Brightness to zero, and of RGB Brightness and Contrast to ~60-80, as in Obs 187.

I introduced the following and various other alternative Procedures 8-13 at intermediate stages:

8. Enhance Green Brightness to zero so that the Coincidence signal becomes Blue on lines against a Black background.
9. Enhance Hue -180 points, so that the Coincidence signal becomes Orange on Reddish lines against a Black background.
10. Enhance Blue Brightness to zero.
11. Enhance both Brightness and Contrast to ~65 to produce a bright Orange Coincidence signal on red-brown lines against a black background.
12. Enhance Red Brightness to zero so that the Coincidence signal is Greenish on Purple lines against a Black background.
13. Enhance Hue -40 points, so that the Coincidence signal becomes Orange on Purple lines against a Black background.

OBSERVATIONS

My search had to be comprehensive, global, but it was also important I not exceed the limits of my coarse instrumentation, waste time presenting unnecessary information.

Continental coastal and inland lowlands, even mountainous plateaux, Tibet for example, are obviously generally filled with nested multiscale, multidirectional symmetries.

RESTRAINT

I concentrated on "picking the eyes out of" prominent islands, peninsulas, capes, river estuaries.

I refrained from presenting many extensively rich pickings in detail, especially in the Arctic, all of Canada, Pacific surrounds. I generally only "scratched the surface".

I limited my use of my limited number of tracings of the larger peninsulas, islands, island groups, coastlines and so on, of SE and East Asia and the Pacific Ocean and beyond.

I hardly touched Kamchatka, Hokkaido, Honshu, Mekong Delta, Malaya, mainland Asia, Mindanao, Canada, Siberia, Europe and beyond.

Even Tasmania Symmetry details, Obs 276-340, show only the most obvious symmetries centred on Tasmania's three symmetrical corners (0.1 Fig 1), and one particular, circular mountain: High Dome.

PROOF

I allude to Method explanation of Self-Similarity. Refer to Vol y also:

Ubiquitous self-similarity of NEMUS to larger scale IHBO-axial BATS and IHBO Effect manifestations are mutually corroborative because multiscale self-similarity is characteristically real.

Hence: Extremely unlikely to be happening randomly, global ubiquity of BATS incorporating axial, self-similar NEMIS corroborates 0.1, Vol y proof of super huge impact interference pattern tectonogenesis.

CONCLUSION

My earlier, Vols 1-3 predictions were thus verified, just as Vols 1-3 had in turn verified my review version proto-thesis, 4.2-27. Principal findings:

1. Coherence of IHBO axes of symmetry along a great circle.
2. Nesting of Scandinavia, British Isles, Japanese and other "symmetry strings".
3. Consistency with serm theory (4.5-11):

The world's tectonic plate boundaries, ocean trenches, ocean ridges, coastlines, major river and lake systems, mountain ranges, island arcs and so on are evidently "symmetry string" manifestations of bitalims.

4. The surface of the Earth is filled with multiscale, multidirectional, nested, self-similar, symmetrical inscriptions, consistent with super huge impact shock wave interference patterned serm genesis and Freeze Effect.

I have checked this for all basins and coastal regions, most thoroughly for Pacific and Arctic Ocean islands, coastlines and peripheral landmasses, Canada, Australia, India.

The only contradiction may have been the most strongly uplifted Andes, consistent with Freeze Effect (3.3).

IHBO CANDIDACIES

IHBO manifestations obviously derive from a broad network of faultlines, many of them parallel to my IHBO candidacies of the following papers, as explained in 0.1, Serms, Zig-Zags.