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DRAFT
 RAW PRELIMINATION

SUMMARY TEXTS
 REVISITED IN
 CONTENT AND NOT
 REORDERED
 BY TOPICS

IVANO BETTATI

2026

INTRODUCTORY CLARIFICATIONS

The parameters involved in the research and the results achieved to re-establish the individual ground values of the three primary bodies, arranged in their respective locations, in relation to the Pyramidal Architectural Context of Giza, as transposed on Planimetric Table no. IBØ-785-4G-1123-YØ, (2023), and the reports relating to the subsequent spatial-syntactic investigations, (2023 - 2026 > in progress), currently remain confidential (deposited). The data have not so far been published in peer-reviewed scientific journals and therefore not corroborated or critically evaluated by Egyptology academics. At the moment, it is not known a judgment on the research expressed by the official scientific and Egyptological community (1*).

"...it is not only a matter of investigating among the boulders those most suitable to allow measurements, to detect altitudes as close as possible to reality, (in the full awareness of having arrived too late to be able to find perfection in the surveys carried out on site), but the question transcends to having to analyze latent elements, capable of establishing whether, and if so, in what way, specific concepts were involved, on the basis of which these dimensions had been established. The exact quotas they should have adhered to during the implementation phases:

three Plans, perhaps, traced autonomously, one after the other, (as solidly supported by the Egyptological Authorities), which would have made it impossible today to be able to outline the individual extremes, leading to the abandonment of the investigations, or, a single Plan, Unified, where all three elements had been conceived previously, to prohibit subjective options or variants along the way, offering in this case good prospects of success to the long-meditated and innovative pre-established data extraction methodologies. Therefore, to get out of the methods of in-situ surveying and take complementary paths, in support of sophisticated digital / information technologies, proceeding with complex elaborations conducted in the Studio, without neglecting the contribution of reports from investigations conducted personally in situ, and reports known as reported by the most Eminent Researchers..."

- (1*) The consolidated professional experience in the field of Architectural Design, the bases acquired in the Structural / Historical Compositional environment and in an interpersonal form in the Egyptological field, the solid training in the Digital – Computer Science (DOS design) - ICT (GIS-GNNS-GPS) field, in the CAD – BIM – PS environment, nevertheless the decades dedicated to a research focused on the specific theme, allow us to consider the undersigned at least able to evaluate today, at least anyone else can be considered an expert in this specific field of investigation, and prejudicially validate the scientific reliability of the methodologies involved in the course of the investigations, conducted in epistemological terms, (extremely meticulous and complex), and the axiomatic bases on which the values achieved rest, in the total absence of tolerances, of which they will be made known (in ways and terms to be established), all extremes.

(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

The fact remains that the investigations undertaken on the subject by countless researchers, aimed at identifying the original dimensions, relating to the three main elements erected on the Plateau, followed one another over the centuries, still in progress in aid of sophisticated metrological technologies, conducted strictly in situ, inevitably lead to reporting optimized values in weighted averages, data that, although close to perfection, must account for, beyond the disfigurements and havoc suffered to the detriment of the essential samples, the executive tolerances, which, although close to perfection, remain to be considered inevitable in contexts of this magnitude. The results, all indistinctly, although consistent with each other, lead back to "average" values altered by inevitable approximations, unsuitable for the purposes of a research aimed in epistemological terms to allow the tracing in plan of the individual elements, placed in their respective locations, in the strict absence of tolerances ($T = 0$), as envisaged at the time during the original design phases.

As for other theories relating to the so-called "hidden geometries" ("alternative" revelations), the methods adopted in the investigations and the related conclusions therefore require legitimate critical-analytical reviews (peer review), by experts in the specific topic, aimed at identifying any factors tending to distort the findings, more or less intentionally:

Tendency to overfitting (or apophenia): theses of this type often tend to force triangulations or precise geometric relationships on a complex plan, sometimes unduly "adapted" to their purposes, or to present mathematical correspondences where there is only an effect of **random overlapping** or consequences of construction tolerances characteristic of the time:

- The configurations or elements under investigation can be traced back to simple coinciding factors, within reasonable limits, only when the number of reiterations falls within the values such as to make a random origin plausible, or when they are ambiguous approximations, attributable to the reciprocal values placed in the overlay. If, on the other hand, the elements related by comparative superimposition show a significant number of correspondences, articulated through differentiated, polyform and mutually integrated geometries, based on explicit mathematical assumptions aimed at defining proportional, angular and sequential relationships, to contribute simultaneously to the organization of the schema in its overall integrity, and these relationships are verifiable, coherent and devoid of any tolerance, the use of concepts such as overfitting, apophenia, cognitive bias, overinterpretation or geometric pareidolia cannot and should not be considered, in itself, sufficiently justified. On the contrary, any insinuations would require equally rigorous and demonstrable arguments, capable of justifying their implication in the specific case or, alternatively, of demonstrating their irrelevance, validating the full consensus of the work under investigation.

Historiographical consensus: Official archaeology (e.g., the topographical and field survey studies of the Ancient Egypt Research Associates), recognizes intentional design related to astronomy and monument alignment, but **does not support the existence of alleged millimeter geometric codes** or "**unified plans**," theorized by "**independent researchers**":

- Petrie was, in fact, an autonomous and independent researcher, formally self-taught, whose investigations at Giza were supported by his own (self-funded) resources, and the first to theorize about Giza, (among his own notes), "... apparent interactions between bodies..", in practice not to exclude a plausible "... unified plan..". This makes it at least necessary to avoid undue generalizations.

Nevertheless, improvised researchers proliferate today, who try their hand at rather improbable theories, spreading results without reliable content, often for purely speculative purposes. Such a disclosure tending to alter real events, alleging miseducation, can legitimize, indeed consider at least necessary the adoption of measures to combat abuses.

Nevertheless, the same researches officially conducted for metrological purposes, strictly on site, despite the declared absence of suitable samples to allow the acquisition of values free from approximations, are considered compliant to release historiographical clues, eluding their inadequacy to allow the tracing of a theoretical planimetric context free from tolerances, ($T = 0$). The absence of a plan conforming to strictly established (axiomatic) data, prevents the disavowal of planning carried out in a unified context, exactly as it cannot be considered capable of demonstrating a configuration of autonomous, independent modules, free from reciprocal relational factors, conditioned by subjective interventions of an economic, political, religious, logistical nature, etc., associated with particular moments in the reigns of the individual sovereigns, considered the sole creators of their own works, designated to serve as tomb monuments, as officially claimed by the academic institutions despite the total absence of evidence in support.

(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

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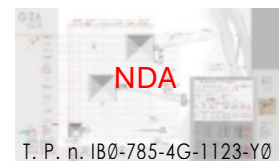
Topic under consideration

- Indirizzo di Ricerca : Traceability of clues attesting to the residual presence of references suitable for facilitating the exhumation of the Design Parameters implicated in the Original Ground Configuration of the Giza Pyramidal Architectural Complex, subject to vincolant conditions :
- 1) the configuration in a Unified Context in relation to the three Elements: - the conception of bodies in Autonomous Form, independent of the Unified Context, according to their own canons (of a practical, economic, religious order, subjective tastes, etc.), and according to what the Institutions Scientific – Egyptological firmly argue, would have prevented the continuation of the research;
 - 2) Epistemic criteria and Total Absence of Tolerances of the values achieved;
 - 3) **xxx (*)**: Failure to find the conditioning factor "xxx" would have led to the abandonment of the research;
 - 4) **xxxx (*)**: failure to find the conditioning factor "xxxx" would have led to the abandonment of the research;
- Esiti 2023 : The Research Project on the possible Geometric implications interposed at the same time as the Three Monumental Bodies of GIZA, undertaken in Epistemological form, on the basis of Logical-Rational Analysis of the Elements under Examination, translates the Architectural relations to manifest a model based on Ontological principles. This approach made it possible to map the original structures of the in a Unified Context, overcoming historical overlaps to reveal the Pure Conceptual Project, the actual Theoretical Dimensional and Locative dimensions, originally designated to the elements (*). The extremes strictly observed during the course of the with margins of tolerance far lower than those allowed in compliance with the usual aesthetic canons, together with extreme accuracy maintained in sidereal alignments, denote clear intentions to focus interest in the direction of identity roots;
- Esiti 2026 : Spatial Investigations already reveal in the first analysis a logical-synoptic matrix, encoded in 7 numbers through mnemonic calculations, elementary, confluent to shape an articulated geometric scenario based on Interdependent Flexibilities placed Premeditated to the Primary Elements, to the Interposed Spaces, sometimes involving the annexed Secondary Structures, (Hemunu Mastaba, Khentkawes Mastaba, Temples etc.). Complex Polymorphisms subordinated to Mathematical Criteria that are unprecedentedly evolved, ingeniously in a semantic key by minds endowed with high cognitive potential. The results reveal the intentions to bring back Indispensable for the social coordination of a civilized population, the vital notions to preventing chaos, guaranteeing / restoring equity, ensuring the survival and development of the community over time.
- (Investigations ongoing) Although the research is extending beyond the limits of personal expertise, the stated objectives are still considered to have been ACHIEVED and the self-assigned task COMPLETED.
- ✍ Analyses aimed at examining conceptual conformities between individual coeval monumental elements (attributed to the III and IV Dynastia), suggest not only reciprocal structural relevances, but also correlations of a locational order (examined to a limited extent to the areas of Lower Egypt), in line with a partitional-topographical scheme of the territories, (LSM – Large Scale Metrology). The areas designated for the rental provision seem to have choices implemented in accordance with pre-established parameters, leading to the inclusion of monumental contexts (including the most emblematic ones located in the centers of Heliopolis and Menfi), in particular areas established according to a wide-ranging topographical partition framework.

Chronological Summary of Research

(conducted independently - self-financed)

- Survey history : - 1975 – 1981 > formative studies > Architectural Design Academia - theoretical notions (Ancient Egyptian Building Criteria);
- 1981 Sept.-Oct. > in situ investigations, 34 days, (15 on the field at Giza), reporting of notes, documentation, images HD – interpersonal acquisition of historical notions (Constructions in the Old Kingdom) – Academic studies in progress related to Architectural Design;
- 1981 – 1985 > fragmentary research in the studio (new methodologies of data processing), interspersed with the commitments Professional – Historical notions (Predynastic > Old Kingdom > Pyramid Complexes);
- 1985 – 1995 > introduction of information technologies – notions in the field of Dos programming – archiving digital data - acquisition of professional CAD - BIM and PS applications - fragmentary research in inter-room study - professional commitments – historical insights (Pyramid Complexes of the III, IV and V Dynasty);
- 1995 – 2021 > Fragmentary research interposed with professional commitments is facilitated by a constant evolution of ICT technologies – WEB – acquisition of topographic material – aerial / satellite maps GIS – surveys GNSS - GPS - HD details from Drones - analysis on reports relating to research undertaken over time by Eminen-Researchers in relation to the specific theme - Historical - Paleographic - Philological reports - (Papyri - Epigraphs);
- 2021 – 2023 > The investigations conducted in the studio full-time, lead to the identification of the criteria involved in the Original Planimetric Configuration – Executive, relative to the Pyramidal Architectural Context of Giza. The extremes dimensional and location relating to the primary bodies, mutually supported, in autonomous form, (*), in the total absence of tolerances, sanction the axiomatics of the individual dimensions transposed in CR – meters – feet, (*), on a Planimetric Table N. "IB0-785-4G-1123-Y0";
- 2023 – 2026 - (in progress) > Spatial Analyses conducted on the basis of consolidated data, reveal a multitude of relationships (*) polyform, conformed to highly advanced mathematical parameters, in the total absence of tolerances (examined only on the most evident evidence, in accordance with personal skills), reporting a considerable unpublished information, at the same time corroborating the axiomatic nature already widely documented of the individual values shown in the plan (*). The results prohibit rebuttal theses or coinciding assumptions.
- ✍ The research currently in progress reveals the implication of complex mathematical criteria, articulated in such a way as to converge with the involvement of further revelations of a scientific nature, (assessed limited to personal skills), to therefore consider the self-conferred assignment conducted to END with the pre-established purposes WIDELY ACHIEVED. To therefore demand in-depth studies by experts, each in their own field of training, gathered in an interdisciplinary context;



Subjective considerations

- Summary Notes : Reflections / Observations / Abstractions (without references to the research methodologies involved and the Results achieved – currently reserved - NDA). Bozze / Provisional Draft.

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IVANO BETTATI

2026

GIZA

The
Original Ground Design

T = 0

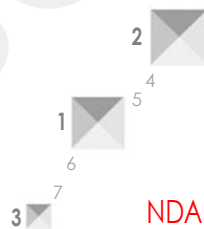
- 2023 -

EPISTEMOLOGICAL ANALYSES REVEAL A LARGELY
ONTOLOGY, SEMIOTICS AND SEMANTICS BETWEEN A
MULTITUDE OF ARTICULATED POLYFORM GEOMETRIES
IN TOTAL ABSENCE OF TOLERANCES

RO-SETJAU CODE



SURPRISING COGNITIVE SKILLS AND EMANCIPATED MATHEMATICAL-SCIENTIFIC MASTERY
INVOLVED IN PERPETUATING A HUGE HERITAGE OF CODIFIED AWARENESS
IN 3 SIMPLE GEOMETRIC SHAPES, DULY SPACED FROM EACH OTHER,
SYNTHESIZED MNEMONICALLY IN 7 MATRIX NUMBERS IN ORDER TO
TO BE EASILY BROUGHT TO MIND



NDA

INTRODUCTORY SUMMARY

(DEDUCTIONS – CONSIDERATIONS – BRIEF NOTES)

WITH NO DETAILS ABOUT THE
METHODOLOGIES USED IN THE RESEARCH
AND THE VALUES REPORTED IN THE RESULTS

CURRENTLY RESERVED

(*)

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IVANO BETTATI

2026

THE
ARCHITECTURAL COMPLEX
PYRAMID OF
GIZA

Ro-Setjau

REVEALS ITS EVOLVED GEOMETRY

A conspicuous legacy of knowledge brought back through a logical-syntactic framework, transposed in an architectural key with the aim of materially archiving, protecting and reporting in a universally understandable way a heritage of knowledge acquired over time, indispensable to the Political, Economic and Social order of an emancipated civilization.

The Transposed Extremes on Planimetric Table (2023)

n. IB0-785-4G-1123-Y0 (* Currently Confidential Data)

Tolerance 0, (0,0000∞)

Spatial Analysis - Planimetric Syntax

2023 – 2026 – in progress

Overlays – Kd-Tree (2D) – LM (Logframe Matrix) – Inverse LFA (Logical Framework Approach)

(Syntactic relationships – homeomorphisms – topology)

BIM – CIDOC – ONTOLOGY – SEMANTICS

A Logical Scheme Synthesized in 7 Matrix-Numbers **through mnemonic calculations, elementary, (*)**, transposed to outline 3 different squares duly spaced from each other: the most emblematic of the various "non-generative" algorithms, confluent to the same values, formulated to frame a Parametric Scheme Articulated on Polyform Geometries, synergistic with correlational factors of an Angular, Proportional, Sequential order, contextually to Articulated Mathematical abstractions. Algorithmic processes and semiotics placed before an extremely complex schematic formalization, premeditated to clear semantic intentions through Emancipated Mathematical-Scientific Awareness treated at the table by Minds endowed with Superb Cognitive Virtues.

The multiplicity of complementary, synchronous interconnections, detected in the Total Absence of Tolerances, prohibit natural by-products, randomness, coincidental factors, geometric pareidolias, gender rebuttals.

Results Transposed to Explanatory Tables (* Data currently Reserved)

Tolerance 0,0000∞



NB

The Syntactic Investigations developed to contemplate the possible implication of rules of interdependence interposed to the geometries in question, remain to be understood as conducted within the limits imposed so as not to transcend the most evident evidence, assumed in accordance with the architectural disciplinary field, already at least innumerable and rightly sufficient to confer axiomatism, in an autonomous form, to the individual values reported on the basis of mutual suffragatory clues, in total absence of tolerances. The evidence converges to incrementally corroborate the already over-consolidated extremes reported in the Plan, to de facto prohibit rebuttals or cause-effects of a coincidental nature, to make the self-assumed intentions widely achieved, the task of competence: carried out. The results now call for in-depth investigations by experts gathered in an interdisciplinary scientific context.

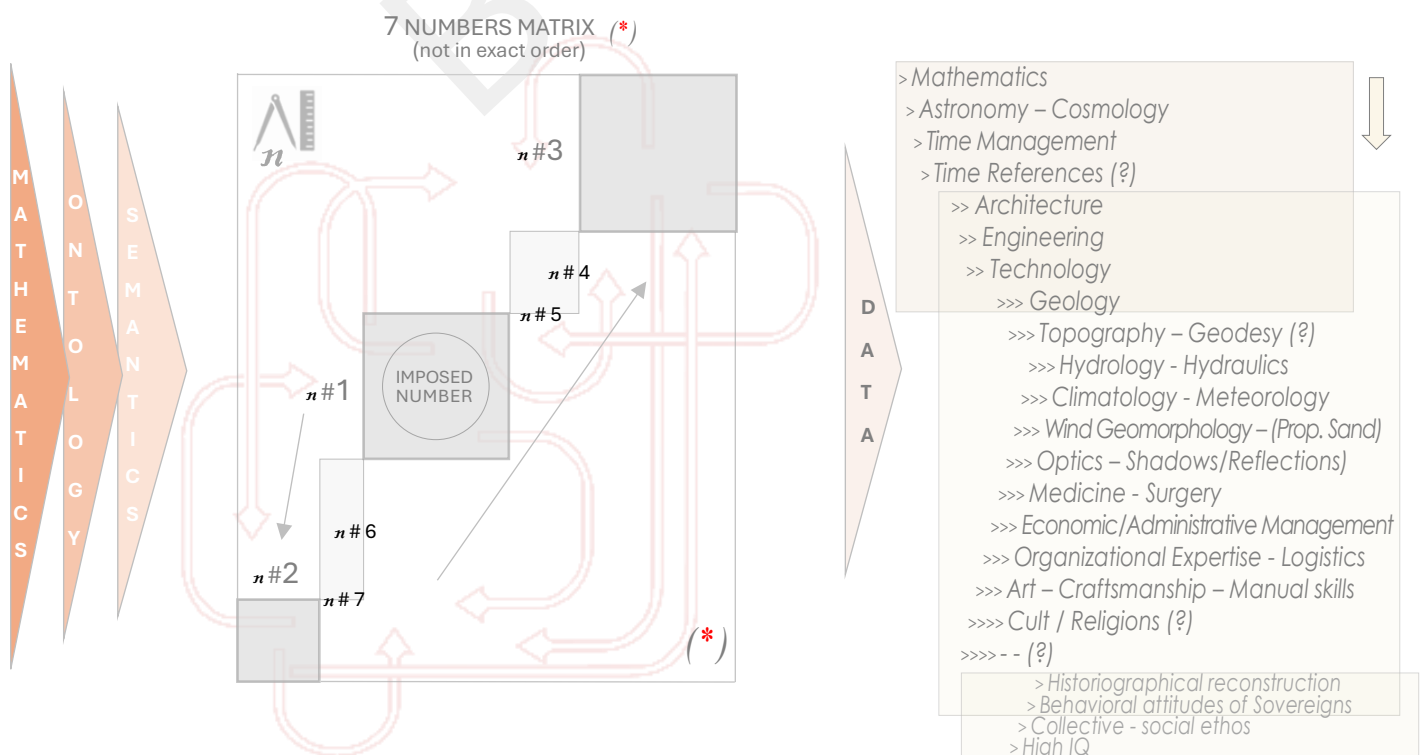
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✎ Eterogeneity of Logical Criteria - Criticalities of Investigation Source of Inspiration for Modern Science

The choice of mathematical language as a means of abstraction and communication allows a universal understanding, without temporal limits, regardless of the symbolic components adopted, although not always, or not immediately accessible to cultures scattered throughout time, to date even not entirely, perhaps, given the infinite ways that can be adopted to reach the same conclusion, without being able to exclude the possibility of unprecedented deductions reported to put delays to the today's interpretations. A wide content of abstruse knowledge to be compared and explored in depth in an interdisciplinary scientific environment.

"..it is right to think of mathematics not as a particular branch of knowledge, but as a refinement of language in general, which integrates common verbal expressions, which can be too imprecise or too cumbersome, with new tools for representing relationships - Hao Wang, "From mathematics to philosophy", [p.361], Ed. Bollati Boringhieri, Torino, 1984 – 2016.



An Eye on the Precedents of Criticality, Foresight, a Warning to Future Generations

The transposition of a Syntactic Scheme in an Architectural-Implementation key, reveals the purpose of Archiving, materially, Protecting and Perpetuating, in a universally understandable way, an Erudite Cultural Heritage acquired over time. Wisdoms that have now become indispensable to reintegrate the Political-Economic-Social order, the Essential Wisdoms to a Culturally Advanced Civilization, prevent its relapse to its primitive state following the arrival of well-contemplated "dark periods", alternating cyclically, or the occurrence of devastating events, natural or warlike. A Data-Registry placed to indelibly preserve notions that have become substantial to a population based on cultural aspects conditioning the social ethos, from military defense to the protection of civil safety, time management, a lifestyle that fulfills in a stable and homogeneous way towards the entire community, in a certain way Life itself in its daily life. Nevertheless, the information included seems to be weighted to lead at the same time, over time, a warning to future generations, to how much the eventualities must always be contemplated, in a foresighted way, never to be excluded of the arrival, more or less sudden, of nefarious circumstances, particularly serious, regardless of the degree of civilization reached, from which the need and duty to protect oneself in advance, in an adequate way to be able to recover later in the best possible way.

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GIZA

Ro-Setjau Code



An Authoritative Treatise on Complex Cryptography Transposed into Action. The Density of Layered Meanings in Synoptic Language Opens the Doors to the Ethos of an Ancient People

An entire wealth of knowledge summarized in 7 numbers, easily traceable in mnemonic form, sufficient to paradoxically provide everything necessary to give executive instructions on the ground, (eluding the use of planimetric tables), to the groups in charge of implementation works (1).

A Matrix at least elementary transposed into an Architectural, Executive Key, in order to materially Archive, Protect and Pass on a Legacy of Awareness in an imperishable way, through monumental works, taken to the limits of utopia, to require the expertise of individuals with high technical-scientific skills (architecture, engineering, astronomy, geology, hydrology, climatology, etc.), marked management and coordination skills in matters of a practical nature, logistical, bureaucratic, health, in accounting matters overwhelmed by exorbitant burdens cadenced daily, predestined to last for decades, evidently discussed in the presence of Sovereigns endowed with wide open-mindedness, wide availability (2) (3), a boundless faith in a mystical support from the Gods, to avert nefarious natural circumstances, or war, or the devastating whims of the Nile, in particular, for at least four or five (or six) generations of Rulers, relying on still innocent puerperians already potentially designated to the succession, and those still close to seeing the light, placing on them the burdens of colossal financial commitments, in the total absence of future economic results, if not the only prerogative of bearing their name to immortality, not even accompanied by the noble gesture of having contributed to the protection of their descendants, to the future of their people, given the total secrecy of the case, hence the names (3), consciously brought back into the popular imagination as "despots, greedy and cruel", (up to the present day). Nevertheless, there could be nothing now of those giants without the contribution of a devout and participatory population, endowed with artistic talent and high manual skills, ready to face enormous sacrifices, certainly misguided in the direction of surrogatory purposes with respect to the actual purposes, including that of "conceding in plain sight" the Precious Contents from the risk of being stolen by hostile populations, eventually come to govern the country in the future. A justifying note for the total lack of allusive references to those works, rightly considered "State Secrets", peremptorily precluded in any form, by the Authorities themselves, reserving the awareness of the real intentions exclusively to a small circle of intellectuals responsible for the project.

- (1) The works in progress in Giza were imposed the total absence of margins of executive tolerance, exceeding in an apparently superfluous way (and extremely complex to obtain due to the majesty of the works), the limits established in compliance with rational aesthetic canons, minimal deviations, which would have taken nothing away from the appearance, far from being identifiable to the naked eye, if not through accurate survey operations. Nevertheless, the works were unusually implemented analogously to that uncompromising precision, induced to border on "perfection", with the sole and fundamental purpose of allowing the subsequent retrieval of the information incorporated. The "unusual" limits of tolerances induced to touch $T=0$, of which it is highly unlikely that it would be found in other enterprises carried out by that Civilization over a long period of time, would have had the function of allowing precise surveys directly on site, and in a second chance, no less important, of stimulating interest among the competent observers, placed later in time, leading to focus the interest on the unusual perfection of the elements, (flatness, sidereal orientations, dimensional coherence on the sides, gradations at the angles, diagonals, distances), on the real motivations, what the actual intentions were, a strategy aimed at ultimately preventing the dissolution into nothingness of such huge works of ingenuity.
- (2) Remaining in relevance to the period of implementation of the Works at Giza, as officially attributed by the Archaeological Authorities during the Fourth Dynasty, (although the reliability of the testimonies on the subject by independent researchers engaged in conflicting debates on the subject remains not unanimously shared), the "function", attributed only to Royal Tombs, is now seriously questioned. It also remains to be excluded any implication of a subjective nature, on the part of Sovereigns, who would have been categorically precluded from interfering with personal choices regarding their own constructions, (it does not remain to be excluded that Khufu himself, belonging to a family of intellectuals, was directly involved in the planning phases).
- (3) Despite popular beliefs, the name of Khufu is celebrated and exalted in documents as a "Divine Force" linked to the Cosmos, and in the monumental architecture of the temples of Ancient Egypt (Abydos – Heliopolis), for many centuries following his reign.

- (*) Many crucial details, related to the methods involved in the research and research phases, to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

Investigative criteria set on the basis of Systematic Methodologies,
Meta-Analysis - Heterogeneity
(Brief notes, omitted sensitive data – NDA)

Regardless of the circumstances of a pre-eminently historical nature, the disciplinary areas involved in the investigations are oriented in this case to contemplate mainly aspects of a Schematic-Structural order relating to Buildings, which, although Monumental and inserted in a Millenary context, require, for the purposes of a targeted and coherent analysis, expertise entrusted to competent figures in disciplines complementary to the environment properly understood as purely Archaeological.

A theme aimed at demanding the involvement of doctrines aimed at consciously exploring the possible implication of specific Configurative criteria, in the light of adequate training in an environment educated to shape individual creativity in compliance with pre-established construction canons, starting from the Vitruvians "firmitas" (solidity) - "utilitas" (function, intended use) - "venustas" (beauty), to ponder, in the case, Building Parameters peculiar to even more ancient construction methods, in the wake of notions learned by exploring how these arguments have been dealt with over time, in contemplation of further emphasizing criteria, in the most important works, the grandeur, the political-religious allusions, the temporal and astronomical references, etc., if not also to stimulate emotional sensations related to amazement, suggestion, in the case of instilling deterrence, knowing how to defy time. Aspects condensed in the Architectural conception of millenary Monumental Contexts developed in accordance with particular conceptions, beliefs, practical constraints, availability of human strength and manual skills, in aid of resources limited to materials drawn from nature, the usability of rudimentary tools and utensils.

Architecture, therefore, in association with solid historical erudition, and a deep-rooted training in the Informatic-Digital environment, are the disciplines involved in this context of investigations aimed at exploring and establishing in a systematic way, a possible residual deposit, among the ancient vestiges, of references capable of allowing the exhumation of original configuration criteria, still latent, perhaps, among the boulders, involved in the setting on the ground of the Primary Elements built in Giza, and in the first analysis, given the presence of three distinct bodies spaced from each other, sanction in terms of schematic layout, if:

- 1^o) - conceived in an "autonomous form", each of which according to its own criteria, independent of each other, (as firmly maintained by the Egyptological Authorities), decreeing in this case the abandonment of research, or:
- 2^o) - configured according to a (considered at least unlikely) "unified" context, a "single body" consisting of three mutually interacting elements as a function of associative links between the individual theoretical dimensional/location values, (*), (as Petrie himself had cited among his notes that he had "...*intuition reasonable assumptions*.."), with solid premises for the identification of symptomatic signals with broader interdependent flexibility, premeditated (1), to convey the results in the direction of the target to which the research was in fact prefixed:
the recovery of **Precious Unpublished Information**.

(1) A determining factor in this atypical juncture, (analytical diagnoses on ancient vestiges tested by time), is the adoption of innovative Investigative Criteria, New Research Methodologies conducted to probe clues directly in the field, (34 days among the Monuments located along the Nile, 15 of which on the Plateau, and subsequent sporadic reconnaissance of in situ verification), from which targeted observations, photographic documentation, surveys, reflections, annotations, and the subsequent implication of Analytical Techniques conducted in the Studio through Innovative Data Processing, (*), in observance of Epistemic principles, an iron Pragmatism, pure Mathematics, the total Absence of Tolerances, in relation to a pre-established unit of measurement (2), in support of sophisticated Hardware Technologies and Professional Applications CAD (Computer - Aided Design) - BIM (Building Information Modeling), P. S. (Graphics), innovative ICT Media Technologies, GNSS / GPS geodetic systems, Aerial / Satellite Maps - GIS, HD images from Drones, Topographic Mapping (Le Caire Cadastral Map - Sheets F17-18), etc., without neglecting the irreplaceable contribution, fundamental, offered by Historical Testimonies, Archaeological Reports and Analytical/Metrological Reports from Field Investigations conducted over time by Eminent Researchers.

(2) Real Cubit, the "meh niswt": established 2 values through Metric-Structural analysis (Khufu Chamber – (KC 0.5236, without exclusion of a 0.5235 version, depending on the decimals used in the calculations) and Floor Plan – (Millimetric Maps Overlays F.P. 0.5235), not excessively compromising, (difference ≈ 17 cm on the integral N-S section – proportionally divided), raising doubts about the temporal concomitance between the "external ground" projects / the "internal partitions" / the "volumetric" structures (unknown, although widely hypothesized on the basis of approximate values / not $T = 0$). The Cubit was a Unit of Measurement defined through logical-deductive mathematical procedures based on (or associated with) anthropomorphic roots: the system was based on the proportions of the human body (one cubit = forearm from the elbow to the fingertips, divided into 7 palms, 28 fingers). In Architecture, this choice expressed the concept that the building was conceived in proportional relation to the human anatomical characteristics. During architectural designs, it was imposed (according to what is reported in searches about it), the use limited to the whole cubit.

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THE PRELIMINARY STAGES

The search for Highlights to which to attach the Essential CAD Markers

Image containing tool, design, saw
the presence of a hypothetical "Head of the Skein" (*)

- Therefore, arguments framed in the scrutiny of substantially Architectural aspects, through systematic approaches, focused in the first analysis on the identification of Essential Reference Points (*), to confirm the presence of glimmers inclined to lead back to the configuration origins, if the provisions had originally been contemplated and the latent residues remained. First of all, identify an exact point (*) on which to affix the "initial" Marker, from which to give a cue to the "p d-ss", "**Stretch the First Rope**" in the direction of a first "Intersection Node" (*), and then be able to start again (1) carrying on the search step by step, towards new Markers (2).

A path aimed at retracing that path backwards, starting from how everything is today, reduced to ancient vestiges, proceeding back in time, towards the origins, no longer only in the wake of precarious traces, scattered along those perimeter edges irreparably tried by time and the havoc suffered, but "digging deep" (*), to bury Ancient Hinges, suitable for supporting the progress of the investigations in a fluid, trustworthy way, to lead, in small steps, to the recovery of the primordial concepts, the purposes, the actual degree of creative flair and awareness involved in that Architectural Conception of which the "spectre" must have been, latent among the remains, still waiting to be brought to light.

A path undertaken in the footsteps of feeble, crucial clues (3), which would not have failed to leave us as a legacy, if that project had been conceived on the purposes of considerable expressive entities, as if to tell us something:

to report probably, (judging by the relevance and unprecedented complexity of the works undertaken, by the relevance to an unusual implementation perfection), **Data, to a certain extent essential**, sensitive information to be somehow concealed, with regard to contemporary rival peoples, at the same time highlighting some aspects, to those who would have in the future "known, and should have understood" (stimulated primarily by the surprisingly limited margins of executive tolerance), to intuit reasons of interest, such as the possible presence of sensitive contents, protected, through a well-thought-out and indispensable "protection" from the threat of being able to dissolve, vanish forever in silence. Those Data had necessarily to be carefully cared for in order to pursue the intent to be brought to attention and made identifiable in some way and therefore received as something "important", rightly considered what later turns out to be a Priceless Treasure, the most Precious, among all those jealously guarded in the entire Kingdom, a Cultural Heritage essential to the political-social order, from time management to defense and civil protection, to daily organization, serenity and collective well-being, in essence the Life of an entire Civilized Population.

- (1) Sections that were initially allowed large margins of approximation, instead revealing both unexpected and surprising consistencies to the aspired values, exceeding the best desired expectations up to touching tolerances limited in the raw values to 0.01%, on routes close to 200 meters.
- (2) Unaware however of the long (years of measurements and research), and tortuous (*) road to which those investigations would have converged, constantly bound to conditions that could have at any time, (such as the unfortunate conception of individual bodies in an autonomous form, or the failure to find other determining factors), make all the work done totally useless, impose unconditional abandonment. Nevertheless, it is bombarded by unforeseen events, obstacles, contradictions, often apparent, to demand as many solutions, alternating with unexpected "supports", sometimes placed to convey the path in the direction of the "right way", to "project" towards the exact trajectory, like (algorithmic) supports, placed before the purpose of "leading by the hand" (*), towards the "exhumation" of that long-awaited Treasure kept in the Original Schematic Square
- (3) The values assumed progressively show the commitment implemented, beyond the architectural design, to disseminate salient points, interspersed with articulated ontological criteria, in order to facilitate the recovery, or rather avert the loss, a catastrophic dissolution into nothingness, of such precious notions interposed in semiotic language. The same stubbornness to materially bring back the priceless Sapienze through such majestic and complex works, pushed to the extreme limits of the feasible, with precisions induced beyond the usual terms of aesthetic tolerances, at the same time as the total absence of references as misleading, for those who should have understood, as compromising for those who should not have known, inducing, as well envisaged and hoped, to arouse the interest of cultures capable of understanding, to the point of arguing the semantic purposes placed before the design criteria, leading to "deciphering" everything left "written" in mathematical language.

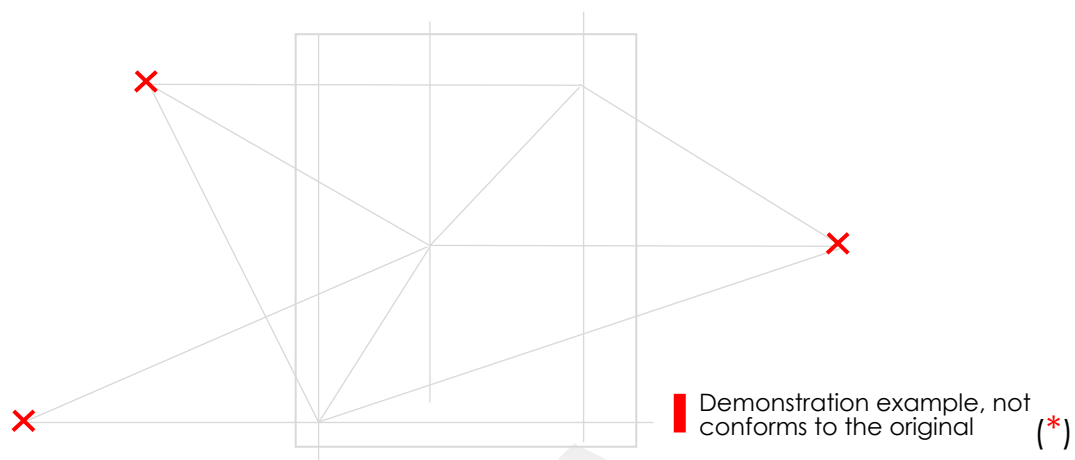
(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

(Deductions - Subjective Reflections)

Traces left in order to avert dispersion
of a Heritage of Awareness
of Vital Importance:

Anchoring Highlights, Algorithms, Guidelines, Tolerances = 0∞

Extremely complex planning and at least articulated transpositions into work, linked to burdensome undertakings carried out at the limits of utopia (1), to the healthy intentions of bringing back knowledge related to life, which beyond the Essential Calls to attract interest, through the colossal structures built with unprecedented precision, would evidently not have left room for elementary negligence such as those of neglecting that detail It is essential to bequeath the relevant clues, meticulously outlined "between the lines", to allow, even after prolonged exposure to time, the reopening of the "case" (2). Those "extraordinarily sharp" minds (3) had evidently made sure to foresee the arrangement, among those boulders, not only of Strongholds from which to start and follow a certain path, but articulated algorithms formulated with the aim of "leading by the hand", along some stretches, to avert in every possible way the dissolution into nothingness of what had become the most important thing of all, the most Precious of all their Treasures, determined even to challenge "Neheh and Djeh", the forms of time, until eternity.



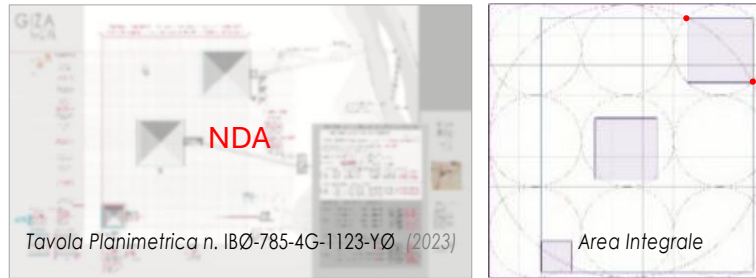
- (1) The actual dating of the pyramidal elements in question, whose period of construction is officially attributed to the Fourth Dynasty, remains to be considered to date not unanimously shared by a phalanx of independent scholars and researchers, who consider the current supporting testimonies inconclusive. The investigations undertaken in order to establish dimensional/locational-architectural values do not yet contemplate the temporal aspects, eluding subjective opinions on the matter. Nevertheless, on the basis of the new revelations, the attribution given to the three buildings only to Royal burial places is subject to controversy. The recent results also lead to categorically refute any possibility of subjective choices on the part of Sovereigns, regarding the construction, dimensional / location / aesthetic parameters, in relation to their Monuments, excluding any personal interference of an economic, religious nature, their own tastes, etc., in clear contrast to what the Egyptological Authorities maintain, considering at least impossible planning in a uniform context, citing the reasons why "... between the Great Pyramid of Khufu and that of Menkaure there are several different decades and kingdoms, in which the rulers had to respond to economic, political, religious and logistical needs in line with their historical moment, not to a pre-coordinated geometric masterplan...".
- (2) Complementary to the remains located along the perimeter edges of those colossuses, inexorably deteriorated over time, mutilated by human havoc since ancient times, however investigated for centuries in order to obtain dimensional values as consistent as possible with the originals, thus reporting information of irreplaceable value, (including a disturbing coherence between the basal dimensions and the surprising precisions relating to the sidereal orientations, adopted during the implementation phases), assumptions that are irreplaceable for the understanding of those monuments, which are fundamental, to stimulate interest in the direction in which to direct the investigations.
- (3) Implications cannot be excluded in the projects of subjects duly intellectually formed from childhood such as Imhotep himself, although not all in a contextual way, who the accounts report still alive at the time of Huni, Snefru's father, whose eldest son Nefermaat had been trained in Architecture, the son of his second wife Khufu, the other sons Ankh-Haf, (called the Great of the 5 of the House of Thoth), Kanefer, Rahotep, certainly the grandson (son of Nefermaat) Hemunu, also an Architect (called the Greatest of the 5 of the House of Thoth, in Heliopolis - Wer-di-dju-m-Per-Djehuty), assisted in this case certainly by other sublime minds. However, the actual authorship and the exact historical period of configuration of the original logical scheme and its transposition (simultaneous or subsequent) for executive purposes are not to be considered attributable at now.

(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

Transposed to Planimetric Table (2023), the Original Executive Plan related to the Giza Pyramid Complex

(values expressed in CR, $\overline{FP-KC}$ > Meters - $\overline{FP-KC}$ > Feet - $\overline{FP-KC}$ > (by Royal Cubits $\overline{FP}$ 0,5235, $\overline{KC}$ 0,5236)

- The exact Dimensions of the Three Primary Elements, as originally planned, and the Interposed Distances have been identified to establish the correct locations: the Executive Planimetric Project, Original, conceived in a Unified Context (1), in total absence of tolerances ($T = 0$), transposed to Planimetric Table no. IBØ-785-4G-1123-YØ, (2023), to release a first chapter of Precious Unpublished Content (*).



N.B.

The investigations carried out in accordance with adequate knowledge pertaining to the specific field of research, the investigative methodologies (*) duly documented, (Process Mapping), (2), and in particular the same Autonomously Corroborated Results (*), in total Absence of Tolerances, converge to prohibit implications of an alternative/pseudo-scientific nature, to circumstances coinciding or induced by natural by-products, from cause effects attributable to apophenia, geometric pareidolia, to preclude gender rebuttal. The individual values reported on the Planimetric Table converge to advocate reciprocally, autonomously, reciprocally, repeatedly, the axiomatic properties, nullifying at the moment the validating intervention by comparative surveys or peer reviews, (without delegitimizing the faculty of achieving equivalent assessments if the epilogues are exposed).

The results decree, in an autonomous form, the Axiomatic Nature, $T = 0$, of the individual values (*) reported to frame the Planimetric Configuration of the Pyramidal Context of Giza, as originally conceived, in a Unified Context, for Executive Purposes.

The values reported on Plan. n. IBØ-785-4G-1123-YØ, remain to be considered congruous to allow the proceeding of subsequent Spatial/Syntactic investigations, in Epistemological terms, (which, as explained below, aim to further consolidate, in multiple mode, the axiomatic nature of the values reported in the Ground Plan).

- (1) In stark contrast to what is claimed by the Egyptological Academic Authorities who attribute the constructions built over decades, as each conceived independently, on the basis of subjective criteria, established according to the discretion of the respective Sovereigns, excluding correlational factors interposed to the three Corps, resulting from a pre-conceived configuration in a unified context.
- (2) The preliminary metrological surveys, carried out in order to identify the presence of Salient Points suitable for the arrangement of Pointing Markers, (AutoCAD), necessary to allow the tracing of substantial sections for the gradual extraction of the Original Planimetric Context, (initially considered provisional / approximate), were conducted in aid of GNSS / GPS methodologies - aerial and satellite georeferenced maps / GIS - cadastral topographic maps "Gizeh C.M. - sheets 17-18", metrological surveys carried out personally in situ - details refined through personal HD images, HD images from 90° drones (orthogonal view), with ground resolution > 4 cm, processed through sophisticated Hardwares equipped with Professional CAD (Computer - Aided Design) - BIM (Building Information Modeling) Applications, P. S. (Graphics), in support of innovative ICT - AI Media Technologies, and following comparison / optimization of parameters with surveys exposed on reports of phase metrological investigations, **indispensable for identifying the disturbing previsions involved in the operational phase at Giza, to stimulate investigations in that direction.** Surveys carried out by:
 - John Greaves: "Pyramidographia: or, A Description of the Pyramids in Aegypt", 1646;
 - Vivant Denon e Edme-François Jomard, (1798-1799): "Description de l'Égypte";
 - William Matthew Flinders. Petrie - "The Pyramids and Temples of Gizeh", 1883, printed in London by Field & Tuer and distributed in New York by Scribner & Welford - <https://archive.org/details/cu31924012038927/mode/2up>;
 - Ludwig Borchardt - Service des Antiquités / J. H. Cole - Survey of Egypt: "Determination of the Exact Size and Orientation of the Great Pyramid" 1925 - "Annales du Service des Antiquités de l'Égypte" (1939);
 - Vito Maragioglio e Celeste Rinaldi (anni '60): "L'Architettura delle Piramidi Menfite";
 - P.Tompkins (1971) - L.Stecchini (1971) - J.Dorner (1981);
 - Mark Lehner & David Goodman: Giza Plateau Mapping Project (GPMP), 1984>;
 - G.Markowski (1992) - M.Lehner (1997) - M.Verner (1998) - Lawton-Herald / Hersch-Fischler (2000) - J.F.Pile (2001) - M.Livio (2002) - Craig B.Smith (2004) - S.Skinner (2006) - J.Romer / Z.Hawass (2007) - P.Calter (2008) - F.Atiya (2009) - S.Brabin (2010) - G.Dash (2012);
 - Glen Dash Research Foundation - Ancient Egypt Research Associates (AERA), 2015, tecnologia Geofisiche e Georadar. Detailed maps and surveys of the Glen Dash Foundation Survey (GDFS) - Giza Reports - AERA;
 - ..among others.

(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

Spatial – Syntactic Analysis on Planimetric Table. n. IBØ-785-4G-1123-YØ:

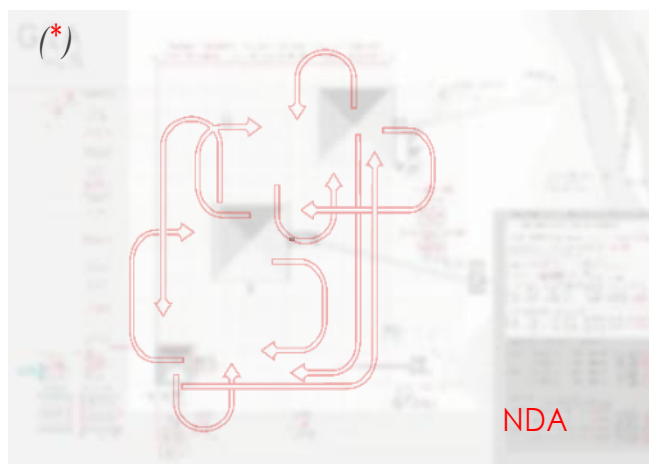
Overlay – Kd-Tree (2D) - LM (Logframe Matrix) - Inverse LFA (Logical Framework Approach)

(Topological Data Analysis - TDA)

(Synergy – Omorphism - Topology)

(2023 > 2026 > in progress)

Ontological investigations (post 2023, currently underway), examined only to the evidence contained within the limits of personal competence, lead to the identification of a substantial multiplicity of **correlational relationships interposed to the three Primary Elements, (*)**. The coexistence of polyform, overlapping geometries (overlays / mirrorings), interacting with the primary elements in differentiated modes of proportional, angular, sequential order, in synergy with articulated mathematical criteria, reveal clear semantic purposes. The results T=0 contribute to further consolidate the axiomatic bases relating to the dimensional and location values reported in the Plan in a Unified context **(1)**.



Compendio allo Stato Attuale

The values acquired through an initial investigation phase, reported on Plan. n. IBØ-785-4G-1123-YØ, with regard to the **Planimetric Configuration of the Pyramidal Architectural Complex of Giza**, lead, following further investigative developments, to the emergence among the forms of a significant alternation of polyform geometries, interacting simultaneously to converge in correlations of proportional, angular, sequential order (integrally to the context), in the total absence of tolerances, to highlight the implication of a refined mathematics, extremely complex, up to the involvement of diagrams tending to imply new scientific knowledge, (transcending personal training areas), to claim openness to appropriate in-depth analyses conducted in co-participation with experts in historical/scientific environments gathered in an interdisciplinary context.



Preliminary Investigations aimed at probing a possible large-scale extension of Geometric Parameters in the Topographic Organization of Territories

(LSM - Large Scale Metrology- Introductory)

Ongoing analyses suggest structural relationships between the Giza Bodies and similar coeval monuments, in association with at least plausible synergisms of a locational order, (with high probability indices, currently under consideration), leading to hypotheses on location choices that, in addition to the practical constraints related to the course of the river, the geological peculiarities and the morphology of the established area, tend to suggest inclusion in a topographical context partitioned on the basis of geometric dictates, in this case bringing to light salient points of archaeological interest suitable for stimulating new Field Research.

- (1)** The Egyptological authorities consider **a single planning impossible**, arguing that: "... between the Great Pyramid of Khufu and that of Menkaure there are several different decades and kingdoms. The sovereigns responded to the economic, political, religious and logistical needs of their historical moment, not to a pre-coordinated geometric masterplan...". The same researcher John A.R. Legon had identified relationships between the basal extremes of the bodies of Khufu and Khafra, as if they had been conceived simultaneously: J.A.R. Legon, 'The Plan of the Giza Pyramids', Archaeological Reports of the Archaeology Society of Staten Island, Vol.10 No.1. New York, 1979 - Revision Date: 22-11-2019.

(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.



(Reflections – Conceptual Notes – Subjective Considerations)

What we now call the "Generative Computational Algorithm", executed through sophisticated digital technologies, had been developed in Giza, "candidly", in mnemonic form: a first element, promoter, (form): imposed, the respective numerical value: imposed (*), a few mental calculations, elementary, bearing 7 products (1), confluent to report in a geometric key, in the exact sequence, Three different Squares, duly spaced from each other:

Giza, in its perfection ($T = 0$), (from which other, more complex logical schemes follow one another to reconfigure the same values at $T = 0$ in differentiated, overlapping ways). A Triad, which, as ascertained through subsequent spatial investigations, had been conceived for the purpose of bringing back a huge Legacy of Cultural Values. Not the "beginning", the generation, therefore, but the "synthesis" of articulated and complex premeditations at the basis of a systemic structure conceived according to evident semantic, "condensed" purposes, with the aim of being easily archived in the mind, and brought back over time to bring back all the knowledge acquired over centuries, or millennia of wise observations, intuitions, annotations. All this "enclosed" in 7 numbers, (but once the game was understood it would have been enough to remember only the first, moreover brilliantly "imposed"). A codex immortalized perhaps, on a simple pebble, the smallest "codex lapideus", the simplest and humblest of documents, and yet the most "Precious of all the Treasures of the entire Kingdom", linked not so much to vain as ephemeral ornaments but to the Life of a People, capable of restoring all the essential values to bring back to order, defeating chaos. The "saxeus" could have been (paradoxically) jealously guarded in the Houses of Life, (or in the utopian "Inventory Room" of the temple of Thoth, as "decanted" in the Westcar papyrus), of an already archaic at that time, Heliopolis, the "Learned" Iunu, City of the Sun marked with n.13 on the maps of the time, or in the Per-Ankhs of the Temple erected in Memphis in honor of Ptah, the one who had "created everything" and who "knew everything", the Divine Architect creator of the same "Neb-Hedj - Men-Nefer", the Capital of the unified Kemet, as established centuries earlier by Nemes. So everything concentrated, perhaps, on a support capable of being contained in the palm of a hand, (2), to preserve in a "well-disguised way", a capital of Knowledge essential to a "modern" society. A methodology that, however refined, nevertheless tended to prove to be increasingly exposed, full of uncertainties, since the key to interpretation had to be inevitably entrusted, more and more recklessly, to vain memories, humanly subject to an exposed vulnerability to the occurrence of the inauspicious and cyclical episodes of famine, epidemics, consequences of climatic instability, of a behavioral alternation of the only source of survival based essentially on the water inflow of the Nile, or to the never to be excluded catastrophic natural events, or wars, capable of annihilating everything, bringing the entire population back to chaos again. An irreplaceable Treasure involved in the pressing needs of a consistent, complete archiving, which could first of all be autonomously intelligible, consisting of solid supports, capable of preserving, materially, protecting and handing down over time that huge mass (*) of cultural concepts essential to the social management of an advanced Civilization. Not, therefore, through hieroglyphics, although they had already reached a high degree of expression at the time (3), drawn up on delicate papyri, subject to deterioration, or portrayed in wall contexts, liable to hand the secrets on a "silver platter", to usurper peoples who may have been introduced to power, or even instructions transposed on granite epigraphs, well protected from the risk of being inappropriately stolen, therefore hidden with the unknown of never being found again, risking in any case with the passage of time to find themselves incomprehensible, but through majestic, well-exposed, "open-air" supports, so solid as not to fear time, so powerful that they cannot be concealed among the dunes in constant progression, so enigmatic that they cannot be understood by those who should never have been in those times, constructions capable of bringing back through the centuries, and perhaps the millennia, codified in plain sight, among their geometries, in a universally understandable way, (4), an entire Heritage of Wisdom, indispensable to prevent the collapse of an entire civilization, "convalescent" veteran of particularly gloomy transitional periods, in a once again primitive context, from which it is necessary to resume "understanding" everything from the beginning.

- (1) 7 numbers formulated mentally, intercalated according to a specific order (*), to define respectively the three sides of the squares, the two distances along the N-S axis and the two in the W-E direction. The number 7 was traced back (as in relation to a "primordial scheme" trawled back in time), as a symbol of Perfection, Completeness and Efficiency, to the Cosmic Order in Egyptian Mythology. In the Egyptian esoteric tradition (later taken up by the Pythagoreans), 7 was born from the sum of 3 (the triangle, a divine symbol) and 4 (the square, materiality and cardinal points).
- (2) A proto "SD", containing the details relating to the arrangement of the Corps on Earth, hence the amount of information enclosed. To date, the parameters involved in establishing the seqed, from which the exact inclinations, and the heights of the Primary Elements remain unknown, despite the fact that the investigations conducted on the subject are counted as countless as the theories proposed, subject to debates and controversies, remaining however to be considered in the state of the facts theses arbitrarily exposed, for orientation purposes, (without, however, being able to exclude in some cases an actual accuracy produced "occasionally"), in the absence of suitable references to certify the values at $T = 0$, although rarely formalized this aspect.
- (3) The "Papyri – Merer's Diary" found in 2013 by Pierre Tallet and Gregory Marouard, in Wadi al-Jarf, on the Red Sea coast, testify to an evolved form of expression achieved at that time through hieroglyphic-hieratic texts.
- (4) Not at that time by rival populations, who would never have been able to understand the semantics enclosed between the monumental profiles, if they came to govern the country following an invasion.

(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.



(Reflections – Subjective Considerations – Conceptual Notes)

- An Archive made up of solid, perennial Bases was therefore needed, which would contemplate in the first analysis a way to make up for the possible loss of intellects, that slender handful of "wise men" able to interpret and in turn bring back the key to interpretation to the new generations, decrypt if necessary, or at least preserve the contents, of that matrix ingeniously "encrypted" in a few numbers. The Project had necessarily to be conceived in such a way as to protect and bring back the ideological components incorporated in an autonomously intelligible way, inducing, in some way, to intuit its semantic purposes, stimulating to focus the interest on the part of erudite "curious" great-grandchildren. What other way than the unusual perfection of the details, extremely complex to obtain in consideration of the majesty of the works, brought to the limits of the humanly feasible, a precision rigorously respected during the implementation phases well beyond the limits of tolerance imposed for aesthetic purposes, an exasperated intransigence operated in order to induce reflection, attract in the direction of a particular motive of interest, to focus attention on elements capable of revealing the real purposes for which all this had been done, to lead back through the values reported between the points of confluence, and intersection, along the edges of those giants, to the information included, directly. Nothing, however, of which we can be certain. What most distressed those minds in this particularly thorny phase, was undoubtedly the possibility, constantly contemplated, that all that immense work could dissolve, in an eternal "nothing done", the elaborate projects, the mighty works, the immense economic efforts, the sacrifices of an entire people, reduced to a scenario of "architectural wonders", as disconcerting as they were merely silent. It was a factor of fundamental importance to give a further boost to the intuitions, a proof, for this reason they would never have neglected to leave a "further foothold", the lifeline, the confirmation that should have dispelled any perplexities among the most involved: the affixing of substitute samples, "reserve" indications, essential to avoid, in extreme solution, the dissolution of that precious information, if the passage of time had come to cause an inexorable deterioration of the essential parts to allow the surveys "directly" on site, to support in any case, or rather assist along the way, the extraction of the theoretical design criteria, left in latency among the remains, the Original Configuration, from which the semantic contents could be exhumed, the precious Information, giving a voice again to those extraordinary Giants.
- The ontological implications observed at Giza seem to have come to a standstill already from the reigns of Shepseskaf, or Khentkawes, whose Mastabas appear to have been erected for the purpose of acting as a "closing parenthesis", to the specific purposes placed before the Giza project, (which in some ways includes the monumental contexts of Djedefra, Bikeris (?), Snefru, and other rulers perhaps during that same Dynasty, still absent from the roll call), without excluding reflex relationships relating to the building concepts implied during the previous Dynasty by Djoser (Imhotep), Sekhemkhet and Khaba, (endowed with large and elaborate underground architecture), in the minor Pyramids of Seila, Zawyet el-Maiyitin (the only one built on the eastern side of the Nile), of Sinki, El-Kula, Edfu, Elephantine.
- As is evident a constant evolution in the construction criteria, which starting from Djoser's mastaba are constantly refined until the twilight of the Fourth Dynasty, a paradoxical reversal of the trend seems to be outlined through an at least progressive loss of architectural/engineering/organizational awareness, perhaps concomitant with a systematic regression of economic potential, in the monumental works following Giza. Already starting from the first sovereign of the Fifth Dynasty, Userkaf, the construction parameters rather than being able to be defined as innovative, seem to pose "different" methods, as if born from an ambiguous misunderstanding of design mastery, techniques and practical skills whose implications are evident at Giza, as if those wisdoms had not been preserved, but lost, completely dissolved into nothingness, implying the adoption of construction methodologies conceived from scratch, invented "on the spot", as if no doctrine, teaching, experience, anything came from or at least could have been extrapolated from those previous pyramids, hermetic, made impenetrable by the white limestone coatings, leaving everything a planning committee in circumstances apparently devoid of due conscience in the specific subjects, (architecture, engineering and geology), and despite the good intentions and intentions of creativity, the catastrophic consequences attest to the criticalities of both design and implementation, despite the consistent volumetric downsizing reduced to 1/3 compared to the pyramid of Menkaure, 1/30 compared to that of Khufu. Moreover, the rigid criteria of "secrecy" flaunted during the previous dynasty are reformed here, showing among the remains of the internal sections, only partially investigated, inscriptions that list in detail the roles and titles of the officials involved in the enterprise, while other references reported on epigraphs and bas-reliefs placed outside testify to religious concepts and other aspects related to the construction. Certainly in this case the function is entrusted solely aimed at funerary / religious purposes, reserved to the Sovereign, leading to suppose its implication, now, (forbidden to the Sovereigns of Giza), to interact with parameters expressed according to possibilities or proper tastes in the choices of dimensional order - location, aesthetic, decorative, (such as the unusual arrangement of the temple on the southern side), characteristics revealed even later in the simplistically defined "bad copies" of Pyramids, built alternating with sporadic diversified architecture (Mentuhotep II), along the millennium following Giza.

(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

SUMMARY CONCLUSIONS

- The results of the investigations aimed at identifying the original dimensional and location values on the ground of the three pyramidal bodies built in Giza, as reported on Tav. Plan. n. IBØ-785-4G-1 123-YØ, are stated in the absence of external topological hypotheses. The origin of the data is purely logical, constructive, and the unprecedented (*) investigation methodologies are conducted on a scientific basis, according to adequate skills, in aid of sophisticated, fully documented technologies (Process Mapping). The framework from which the conclusions emerge challenges the paradigms that currently orbit around the elements in question through a clean, coherent formalism, independent of idealistic theses. The results of decades of research are supported autonomously, in a reciprocal way, by explicit interdependencies formulated in synergy with articulated mathematical concepts, widely exposed, with ingenious algorithmic criteria designed to facilitate the processes of extraction of theoretical contents, to mutually ratify, in an autonomous form, the results achieved, in the total absence of tolerances.
- The results of the subsequent research phases, (post 2023, currently ongoing), undertaken to spatially analyze the geometries reported in the Plan, to the probing of any correlational relationships interposed between the elements themselves, confirm the presence of a large amount of polyform geometric interactions, reciprocity of angular, proportional, sequential order (Fibonacci sequence) (*), formulated in synergy with articulated logical-systemic criteria planned in such a way as to repeatedly ratify, autonomously, on the basis of widely evolved mathematical assumptions, at $T = 0$, the results, confluent to report in an ontological-semantic key, concepts relating to a wide spectrum of knowledge, reiterating the axiomatic bases of the values reported in the Planimetry.
- Although the data presented in the reports, relating to the current state of research, remain to be considered limited to the most evident aspects, examined within the limits of competence relating to a specific disciplinary training, they already report at the current state of analysis, (partial), at least a considerable amount of information, congruous to illuminate multiple unpublished historical-cultural aspects, to open new doors to Egyptology, to prove to be a source of inspiration for modern science.
- The reports intended to report data interspersed with the parameters involved in the original theoretical logical-schematic framework do not seek academic approval, but demonstrate, independently, the axiomatic nature placed before the origins of the results presented. The same results therefore prohibit coinciding factors or controversibility (Rebuttal), to frustrate at the moment approvals from Peer Reviews, (without delegitimizing the right to achieve equivalent assessments if the epilogues are disseminated).
- Although the values presented in relation to the three primary elements as originally planned, in the Pyramidal Architectural Context of Giza, from which the finding of a considerable amount of unpublished historical-scientific notions, not refutable, can in any case potentially be considered of objectively pleonastic relevance, (by Institutions tending to protect ideologies rooted in Academic orthodoxies), the already substantial amount of information reported among the parameters in ontological-semantic key, as examined to date, "partially", will invariably prove to be an irreplaceable source of substantial information to illuminate countless historiographical aspects hitherto erroneously interpreted, or considered misunderstood, or remained totally unknown, to favor the opening of new passages, both in the theoretical and applied fields to Egyptology itself, to the related sciences, to lean towards new philosophical reflections, as an irreplaceable source of inspiration for various environments of academic research, to methodically converge to the restoration on historical texts, and didactic texts in particular, of academic dogmas as currently reported, through new firmly established data, congruous to urge an epistemological approach to further research aimed at grasping new knowledge on the historical and cultural changes, the social identity and the values of a population lived in a particular period Ancient Civilizations, to probe the surprising individual cognitive virtues, the unprecedented wisdom, to re-establish the debated behavioral attitudes on the part of Rulers, to scour the theme through unprecedented solidly established awareness, which, in addition to enriching a vast repertoire of aspects inherent to the Archaeological environment in the Domestic sphere, belong by right to the Cultural Repertoire of the Global Collectivity.

(*) Many crucial details, related to the methods involved in the research and research phases, to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

The research aimed at identifying the Original, Executive Ground Plan, conducted in an epistemological key, confluent to report scientifically established results, lead to highlight some new aspects from which to reflect on the explicit contrasts with the Historiographical Reconstructions and Attributions currently officially supported by the Scientific, Academic, Archaeological Authorities, by the Egyptological Institutions.

- The implication of knowledge in the mathematical field by that "archaic" civilization established along the territories of Kemet 4,500 years ago is not recognized by the Egyptological institutions, beyond what has been explained on the subject, many centuries later, on the Papyri of Ahmes and Goleniščev. The famous scholar *Flinders Petrie*, pioneer of "modern" measurements on the Giza plateau, (nineteenth century) (1), he reported among his notes of "... *To see plausible interactions between the three pyramidal bodies*...", as if to presage the implication of premeditated mathematical criteria in the direction of a single context (2). Official Egyptology, however, categorically deprecates allusions to semantic concepts that, in Petrie's footsteps, some independent researchers claim are reported among the measurements of the Khufu Chamber. The "enthusiasts", (Architects, Engineers and Mathematicians), openly declare the presence of articulated geometric alternations interspersed with the volumetric extensions of the Chamber, confluent to intentionally report factors of proportional, sequential order, mathematical constants, disturbing allusions to the calculations of surfaces, volumes, containment units, weight, according to identifiers established at the time, pertaining to each other, (values widely documented archaeologically), hence clear references to the subdivision of the angles into degrees and to the division of the circle into 360 parts, even before the Babylonians, just as many as there are days in the year excluding the epagomena, and therefore the very subdivision of time in relation to the cubit ($CR2 * 365 \text{ days} = 100.0 \text{ sqm}$), without however demonstrating how they are reported here (here only), the exact values relating to the Real Cubit and Pi (3), as in use during that specific time frame, directly connected to each other and direct descendants from what we now indicate as Phi, in turn generated by the "open hand", the 5, progenitor of a their maybe previous (not still documented) numerical system Pentale or Quinarius. The Scientific Authorities, however, authoritatively attribute the various references (in the absence of tolerances) to "... *coinciding consequences, randomness, the result of natural by-products, emerging as a side effect to their naïve and simply archaic construction technique, from which consonant synergisms, generated autonomously by a proportional factor simplistically brought back to the ratio 1/2...*", as if it were an elementary rectangular plane figure, substantiating the fact that it is, in fact, a (three-dimensional) "parallelepiped", extremely more articulated and complex, compared to 10 / 20 / H 11.1803 - - (- all the infinite decimals of Phi), and a volume equal to $\sqrt{5}$ Mil., as to report a genesis Pentale. Nevertheless, the relational relationships to the elevation of the room, and to the rental arrangement, respectively perpendicular to the center-building, are evident, from which any values placed in the disturbing arrangement of the cladding slabs on the walls, in the flooring and in the ceiling do not remain to be underestimated, without excluding the evident references enclosed in the "container" called "Sarcophagus", as surely something to tell is hidden among the so-called "ventilation ducts", (see interruption/censorship of the Upuaut Project, conducted between '92 and '93 by Ing. Rudolf Gantenbrink). Despite the deliberate intentions to flaunt a precision that was extremely difficult to obtain at that time, with the use of materials difficult to forge such as granite, with a hardness of 7 on the Mohs scale, and the subdivision into blocks weighing up to 80 tons, in working conditions considered at least "extreme", reaching levels of perfection well beyond the normal limits of aesthetic tolerance, moreover, safeguarding the work through criteria designed to confer a stability congruous to preserve its precision unchanged for millennia, the Archaeological Authorities persist in excluding the intention on the part of those ancient architects to codify notions known to them through complex ontological formulations, premeditated intended to bring back over time sensitive data, essential knowledge to society, intentionally nested among widely discussed and elaborated algorithms at the table by intellectuals endowed with surprising cognitive talents. Nevertheless, the questions converge, in relation to the paradoxical "backward" trend of awareness over time, already starting from the subsequent Fifth Dynasty, to make us meditate on the clear contrast of knowledge involved in the construction typologies compared, on the actual extent of the works carried out during the Fourth Dynasty at Giza, which, although proven, were actually completed. We cannot yet affirm whether in full or in part, in terms legitimized by unequivocally consolidated testimonies, congruous to be able to exclude relevance to previously established configurative limits. Therefore, the explicit prerogatives of a semantic nature implied in the Planimetric arrangement aims to make at least plausible the same intentions involved in the Chamber of Khufu, without however categorically refuting the official attributions to support the construction of the Corps during the sovereignties of Khufu, Khafra and Menkaure, for funerary purposes, on the basis of "autonomous and independent" concepts. updating the related historiographical events.
- (1) Although Petrie was actually self-taught, the son of an engineer from whom he learned the basics of geometry, trigonometry and science, (his only study was a part-time course in algebra), his reports on the metrological surveys conducted in Giza, and above all his duly annotated intuitions, remain to this day the most complete and reliable documentation at our disposal. - W. M. Flinders Petrie "The Pyramids and Temples of Gizeh", 1883, printed in London by Field & Tuer and distributed in New York by Scribner & Welford - <https://archive.org/details/cu31924012038927/mode/2up>.
- (2) Almost 150 years ago, Petrie had perfectly guessed the semantics included in the geometries of Giza. The extremes relating to the Khufu Chamber are nowadays constantly investigated, and re-evaluated in a mathematical key, demonstrating how the proportions of the "parallelepiped with ratios 10 / 20 / 11.18033 - - ($\sqrt{53}$)" intentionally integrate advanced algorithmic criteria, largely premeditated. The articulated mathematical rules expressly interposed to the Architectural Configuration on the Ground of the Pyramidal Context of Giza, contribute to giving reliability to the intentions of reporting data in an ontological and semantic key, even among the Geometries involved in the internal partitions of the buildings themselves.
- (3) $\sqrt{5} + 1/2$ (Phi) + 1/5 (CR) * (5+1) = (Pi) * (Phi) = 5.0... The Pi di 3.1416 (+00001), used to approximate to 4 decimal places, it is actually 8 thousandths more accurate than the 3.1415 (-00009) as established 1,500 years ago by Zu Chongzhi

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...SUMMING UP...

- The density of stratified meanings in the synoptic language interposed to the Ground Architectures of the Pyramidal Context of Giza, attest to an explicit **premeditated configuration in the Unified phase**, despite the Egyptological Authorities maintaining the inadmissibility of a single planning: "... *between the Great Pyramid of Khufu and that of Menkaure there are several different decades and kingdoms. The sovereigns responded to economic, political, religious and logistical needs according to their historical moment, independently of each other, not in relation to a previously standardized project...*". The irrefutable evidence, in addition to definitively clarifying various historiographical aspects, without nevertheless avoiding leading to new questions, contributes not to exclude, but rather to corroborate, theses that are integral with the semantic-communicative presuppositions placed before the internal structures of the pyramidal elements (1), **in stark contrast** to what the Egyptological authorities consider at least impossible such a degree of knowledge and above all the use made for the purpose of reporting information, in particular with reference to the Chamber of Khufu, but the criteria are expected to extend beyond measure to the internal partitions, to the intercommunicating paths, certainly to the so-called Queen's Chamber, which despite the investigations carried out summarily is proposed to be no less prolific than the so-called Royal Chamber above to release sensitive data (2).
 - In particular, the official attributions to act as colossal Aveli, the three Corps, can now be explicitly refuted, or at least reject the thesis that that was the sole purpose, just as any theory tending to confer decision-making powers to individual Sovereigns is evidently categorically demolished (3), with regard to their own constructions, exempted from any faculty of choice that could influence a project meticulously premeditated at the table by enlightened people endowed with superb minds, if not provide for the financing, by the first Ruler in chronological order followed without options of choice by his descendants. No visionary or utopian thesis, but remaining within the scope of pure pragmatism, on the basis of the data in our possession, even today we cannot peremptorily exclude among other possibilities, that such wisdom had been lost in times prior to the Giza of the Fourth Dynasty, and had become partially or totally misunderstood at the time when the three Rulers were preparing to carry out the works of which the facts are known, not essentially in a complete way but for the purpose of restoring or expanding previous works. Nor can we exclude that no one at that time had been able to penetrate inside the already (paradoxically) existing structures, if not to build (expand) parts above structures still sealed and well protected from unwelcome introductions, hence yet another plausible reason for the total and unusual absence of citations or genre references left to report clues (as was customary at the time) on the internal surfaces.
 - Nevertheless, Egyptology itself tends to procrastinate on the theories concerning the use of "mechanized" instruments, beyond the rudimentary instruments, for manual use, as currently known, despite the fact that already 150 years ago Petrie himself did not hesitate to ask questions about some finds (including the granite "core" nucleus now exhibited in the Petrie Museum with code UC16036 or CORE 7, together with 19 semi-precious stone vases from the predynastic period - Naqada), whose anachronistic processing technology (4), seems to go beyond the working methods considered feasible at the time of Giza, starting from the use of processing materials of which it is claimed that stone, wood and copper were the only ones usable at the time, for the manufacture of tools (5), up to the rudimentary techniques of small instruments ergonomically idealized for manual use, (renouncing the application of complex mechanical technologies). It remains clear, therefore, that something "is still missing", lost, or perhaps deliberately destroyed, as indeed any other allegory to those Pyramids, perhaps to protect that erudition cultivated over time, which has become essential to society, which could potentially have been stolen for free by adverse populations, who came to govern the country, leading to the ominous prerogatives of backfiring later to their own detriment, or, we cannot still categorically exclude a technology conceived in even earlier times (6), which has been lost, and which has become totally misunderstood already at the time of Giza, whose current absence of evidence does not constitute proof of its non-existence.
- (1) According to Flinders Petrie, the granite walls and the famous casket called "sarcophagus", were built with extreme precision tolerances, making the entire room an unalterable dimensional standard over time. The use of granite was not accidental; it guaranteed maximum thermal and structural stability, protecting the chamber from deterioration to preserve the communication system through the codification of universally understandable mathematical measurements.
 - (2) In the Queen's Chamber, the cladding slabs on the walls, 8 cm thick, could have been applied at a later time than an original arrangement of the chamber, in order to bring the dimensional values of the base back to 10 * 11 cubits of 0.5236 m., (instead of ~ 0.539 as potentially used hypothetically previously), bringing the context in line with the cubit as used in the Room above, thus occluding the openings facing the "ventilation ducts", (the underlying walls could help to resolve questions of a temporal nature). This would lead to hypothesize at least 2 construction phases.
 - (3) The Egyptological authorities consider a single planning impossible: "... *between the Great Pyramid of Khufu and that of Menkaure there are several different decades and kingdoms. The sovereigns responded to the economic, political, religious and logistical needs of their historical moment, independently, not in accordance with a pre-conceived integral project...*".
 - (4) Penetration into granite with a coefficient of over 2 mm per revolution, not even achievable today with modern instrumentation, without dwelling on the enigmatic conical trend. In real practice on hard materials such as granite, a feed rate of 2mm/revolution, for a diameter of 5 cm, is considered extremely high nowadays and would require enormous pressures and torques, as well as a specific diamond core drill. Standard values are usually less than a millimeter per revolution to preserve the diamond segments.
 - (5) Recent research in the metallurgical field (Martin Odler) reveals hardened copper alloys with percentages of up to 6.7% arsenic (Giza), while corundum residues (value 9 on the Mohs scale) have been found in the remains of unfinished cuts on granite in the Aswan quarries.
 - (6) The famous vases in hard stone (such as granite, diorite and basalt), forged with extremely thin thicknesses, with micrometric precision (bench heads), and probable relevance to aesthetic parameters, whose processing methods remain currently misunderstood, appear from the Predynastic Period (Naqada I-II, about 4000-3500 BC). Production reached its peak at the end of the Predynastic (Naqada III, Dynasty 0), and then declined radically until it disappeared during the Old Kingdom. No less disturbing than the vases remains the Sabu Disk, attested around the First Dynasty in relation to the place of discovery, (Saqqara mastaba S3111- Sabu official), without being able to exclude a period of realization even much earlier.

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...SUMMING UP...

- Institutional academic conventions have their roots in predominantly "material" archaeological supports, supported not only by the countless revelations that have emerged from the investigations carried out over the centuries, but also by the controversial "quarry marks", by the most recent finds, such as the workers' villages of Heit el-Ghurab, by the papyri of Wadi al-Jarf, by the data that emerged from the mastabas of the funerary contexts surrounding the three buildings, from the investigations carried out on the ventilation ducts, from the appearance of unprecedented internal cavities identified through innovative muonic technologies, in essence a file of decomposed documentation, ephemeral to the effects of a historiographical reconstruction devoid of unknowns, (for this reason still widely debated). These references prove nothing in fact, except to report fragmentary, formal, pertinent but not decisive details, tending rather to bring to light information inclined to open up further questions, on the dating in the first place, which although "highly probable the official one" cannot yet be defined in pragmatic terms, unequivocally shared, supported in a way suitable for categorically excluding historiographical variants, starting from the possible presence of previous installations, below the Pyramids of Giza, as would have been the case of Meidum, the "covered" mastaba can no longer be identified, if the covering had not been ruined induced to "actualize" the construction (of which we do not know the actual age of construction or even the real paternity), bringing it back to a canonical pyramid, by Snefru (1).
- Nevertheless, the Egyptological Authorities seem to have left out, in favor of tangible evidence, albeit relatively inconclusive, substantial details such as the surprising coherences to the theoretical executive extremes, respected at Giza during the implementation phases, in relation to each of the individual sides of the buildings, to the diagonals, so that the angles close to 90°, the distances relative to the interposed spaces, the basal flatness, the perfect sideral alignments, without neglecting at this point even the location located at 30° N (2), a third between the Equator and the Pole, etc., All this has been achieved within the limits close to the absence of tolerances, conditions that are particularly difficult to obtain in logic of the gigantic entity of the works, apparently superfluous, if not useless expedients for the purpose of observation with the naked eye, and for this reason those are the actual references to the essential points on which to focus attention, to probe the motivations, to investigate in depth in that direction, to intuit the ontological purposes leading to what was in fact their most precious Treasure, the essential wisdoms for life, transmitted in a universally interpretable key to report unpublished information, to tell us something more than we already suppose we know.
- An impeccable precision therefore, the awareness of which we owe exclusively to the metrological investigation methods carried out by both enterprising and patient, stubborn and meticulous researchers interspersed to investigate, dozens over the centuries, [partially listed on page 09], and today still through innovative technologies (Laser Scan – Radar SAR – Screening – Photogrammetry etc.), meticulously reporting the precious revealing contents of **unprecedented precision**. These operational feats, still today at the limits of possible implementation, in a context of such dimensions, are interpreted in a superficial way, as "... the simple result of an exceptional empirical expertise, linked to an organized effort on a large scale..., to the intensive work of skilled workers...", as if to gloss over the subject, deeming moreover a premeditation in a unified context impossible, since "... monuments strictly independent of each other, the result of subjective interference by Sovereigns...". Nevertheless, the perfections implied in the interior spaces, the explicit density of stratified meanings in the dimensional dimensions, are attributed to "...coinciding consequences, randomness, the result of natural by-products, etc. ...", allowing an instinctive and superficial skepticism to prevail at the expense of evaluations carried out in relation to mathematical skills pertinent to the case, (and not exactly akin to that archaeological institution that proclaims itself the holder of any arbitrariness of judgment regardless of the disciplinary field in question).
- We can now consider firmly contestable the assumptions officially disclosed by the Scientific / Egyptological Authorities, in relation to various aspects, some of which are decisive for the historiographical reconstruction of Giza, on the basis of widely consolidated data, acquired through investigations conducted scientifically, in epistemological terms, widely documented, in support of a Cultural Heritage that is extremely more erudite than what is now believed, widely exposed among the Geometries involved in the Unified Planimetric Configuration of the Pyramidal Architectural Context of Giza, congruous to support decisive revisions to ideologies rooted in Academic orthodoxies.

- (1) The Scribe Aakheperkara-Seneb, lived during the reign of Thutmose I, about 1200 years after the restoration - modernization of the pyramid of Meidum, in his writings he describes that he came to the temple associated with Snefru and found it. "beautiful as the sky", (without, however, proving the integrity of the building at that time). If it had not suffered the collapse, that readaptation to Meidum, we would now find ourselves in front of a Pyramid with appearances similar to those of Giza, to the Red, and apart from the features, perhaps still with a good part of limestone cladding like the Bent, to prevaricate on the possibility of underlying structures, perhaps to exclude the possibility as in fact it is officially inferred to the Monuments of Giza.
- (2) In reality, the pyramid of Khufu is centered at 29.97° N, while that of Djedefra is at 30.03° N, so the coordinates of latitude 30.000° N are located on the inclined line at 45.00° NW ^ / SE v which hypothetically connects the two constructions, creating a perfect isosceles right triangle. No less curious is the fact that the same direction conveyed to the SW corner of the Menkaure building, converges to form an angle of exactly 53.13° (forming in this case a Pythagorean Triad). Assuming that the placement of the monuments at the coordinates of 30° N had been hypothetically intentional, (1/3 from the Equator to the Pole), they would have had to identify the development of the earth's circumference passing through the Poles, with a precision much higher than that established two millennia later by Eratosthenes.

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N. B

(Clarifications on the State of Affairs.)

- The investigative phases aimed at identifying the criteria explicitly involved in **establishing only the Original Planimetric Developments**, (2D), for Executive purposes, relating to the Pyramidal Architectural Complex of Giza, do not include extensive research to the examination of partitional criteria inside the bodies (1), nor to the verification of sectional details, which so far lack of clues suitable for allowing T=0 investigations on the matter (2). Therefore, the volumetric parameters as originally established, necessary to release the real heights of the Corps, due to the sequed and the exact basal dimensions of the casings, currently approximate, still remain to be verified (those reported in the Plan are still reserved). The volumetric data free of tolerances could have (or could, once identified), constitute a significant synoptic complement to the original Ground Diagram (3), or (highly unlikely), the extremes would not have been contemplated for ontological purposes. The Corps could have simulated salient points to the observation of the celestial vault, to project beams of light reflected at long distances, or to cause certain shadows on the ground at particular moments, certainly to act as an effective deterrent against rival peoples, etc.;
 - **No analyses have been carried out** to define the actual time of drafting and the authorship of the Generative Logical Scheme, without clues on the subject so far. It therefore remains to be established the possible temporal concomitance with the transposition of the Matrix for Architectural-Executive purposes, in order to configure the Ground Dynamics of the Three Pyramidal Bodies;
 - **The strategies adopted in the construction phases remain unknown to this day**: the implementation methods undertaken in order to conduct the work as smoothly as possible, at the same time limiting the expected times, difficulties and efforts to the bare minimum, in probable complementarity to more or less rudimentary instruments potentially conceived as a function of currently unpublished technical solutions. We can consider it plausible that the parameters of accident prevention protection will be observed, in relation to an ascertained organization of medical-surgical rescue. The issue remains widely and constantly investigated and countless hypotheses are systematically disseminated about it;
 - **The results of the investigations make it possible to categorically deny** the implication of subjective choices on the part of the individual Sovereigns, who had evidently been forbidden to interfere with decision-making of a schematic nature (dimensional, locational, aesthetic), with regard to each of the elements attributed to them. The architectural parameters, uniformly established in advance, highlight a configuration designed to frame a unified context, consisting of three Elements manifestly interacting with each other, governed in relation to a largely premeditated scheme for semantic purposes;
 - **The same results make it at least questionable** the functional purposes as to date officially attributed to the three buildings to serve only as Royal Tombs. At the current state of the investigations, nothing leads us to believe the involvement of concepts of Sacred or Religious order, but exclusively purposes tending to report notions of a scientific nature;
 - **The above evidence contributes to modify** some historiographical bases as currently supported by the Academic Institutions.
- (1) If not officially, for preliminary metrological purposes, in relation to the Khufu Chamber, and in the Queen's Chamber summarily examined. The analyses aimed at verifying the size of the Royal Cubit as used at the time, have inevitably highlighted a significant entity of similar and consistent aspects (in addition to others currently unpublished), to what was claimed by independent researchers, expressly committed to the identification of parameters hypothetically aimed at providing information in an intentional way, in mathematical language, universally understandable.
- (2) During the theoretical planning phases, approximations were not contemplated, the tolerances had to necessarily respect absolute 0, ($T = 0$). Nothing "almost" or "more or less", nothing left "approximately to chance" in their calculations.
- (3) The values currently reported at the rate of free will in widely circulated publications, with regard to the volumes of the three Bodies, (heights, inclinations, mathematical assumptions), remain to be considered formulated on the basis of arbitrary, often contradictory hypotheses, which exclude any possibility of reporting the exact configuration parameters ($T = 0$), as contemplated at the beginning with regard to the masses. Investigations in this regard are conditioned to date by the total absence of reliable references, starting from the exact basal dimensions, (casings at $T = 0$, currently reserved), which are essential for the formulation of volumes in the absence of approximations ($T = 0$). Nevertheless, the same inclinations detectable on the remains remain to be considered unreliable, altered by time (meteorological events, seismic events, settlements, micro-subsidence), so all the values currently displayed must be considered as indicative (approximate, although rarely formalized this aspect).

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- The Investigations conducted in the context strictly focused on establishing values inherent in the Original Architectural Configuration on the ground of the Pyramidal Context, only contemplate the degree of involvement in the works by Sovereigns belonging to the IV Dynasty. Therefore, aspects not directly involved in the analyses remain to be considered, the datings, which so far lack evidence to contradict what is officially claimed regarding Giza.
- The density of stratified meanings in the synoptic language interposed with the geometries of Giza could favor the elaboration of theories tending to shed, among other unpublished aspects, on those mentioned above.
- The investigations made it necessary to investigate anomalies of a locative nature found in the Pyramid of Menkaure, which, although bordering on irrelevance, were compromising in a context investigated in epistemic terms at $T = 0$. Geological analyses categorically exclude ground movements after the construction of the Monument, nevertheless the finding of a water table that laps from N-E to S-W the foundations and underground chambers of the pyramid, could help to justify the slight dislocation as a precautionary solution to counteract any future structural failures. The same archaeological excavations indicate that the alignment of the Menkaure complex underwent deliberate changes during the course of construction, hence an Intentional Design Asymmetry: the Causeway (the ceremonial ramp) and the Eastern Mortuary Temple ⁽¹⁾ do not follow a perfectly rectilinear axis with respect to the geometric center of the pyramid. Egyptologists attribute this slight rental deviation in a north-easterly direction to the need to bypass pre-existing rock formations or quarries active during the Fourth Dynasty. Nevertheless, the area remained subject to devastating floods (Flash Floods) at that time: studies by the AERA association have shown that the areas in question were hit recurrently, in ancient times, by violent desert floods, leading to "precautionary changes of route or modifications during construction to the exact location originally established". The frequent episodes of flooding have made it necessary to cover the granite pyramid not only in the pyramid of Menkaure, but also in that of Khafra, although limited to the plinth in the latter, in order to avoid infiltration and corrosion of the parts on the ground consisting of delicate limestone, more subject to water absorption and consequent rapid decay.
- Currently under examination is the probable presence of geometric partitions extended (with high margins of probability), to a topographical area spread to the territories of relevance, to possibly integrate the two Pyramids of Djedefra and Bikeris (?) into the context, expanding the parameters to a schematic/sectoral configuration on an even larger scale. The fractional topography on the basis of defined geometric divisions could lead to the identification of particular points of intersection inclined to inspire the start of new field investigations, in search of clues capable of illuminating aspects that have still remained partially misunderstood, or totally unknown.

⁽¹⁾ The Valley Temple is perfectly aligned with the predetermined point, along the axis orthogonal to the N-S direction, in full compliance with the theoretical planimetric criteria (which place the elements in explicit relations with each other at $T = 0$). This is contrary to the Pyramid, offset (compared to the original toric planning), by 5 CR to the N., as well as to the east, by a few more cubits in this second case, causing the imperceptible deviation of the Causeway in a northerly direction, approximately at the height of the perpendicular coming from the Mortuary Temple of Khafra, proceeding from the east, in order to rejoin exactly at the center of the Pyramidal body. This leads us to reflect on a possible construction of the Temple in times prior to the Pyramidal building, or erected just for the purpose of indicating the exact coordinates, along the N-S axis, in which the center of the Pyramid itself should have been located if it had not had to undergo the inevitable changes during the work.

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THEY ARE CURRENTLY WAITING TO BE RELEASED PUBLICLY:

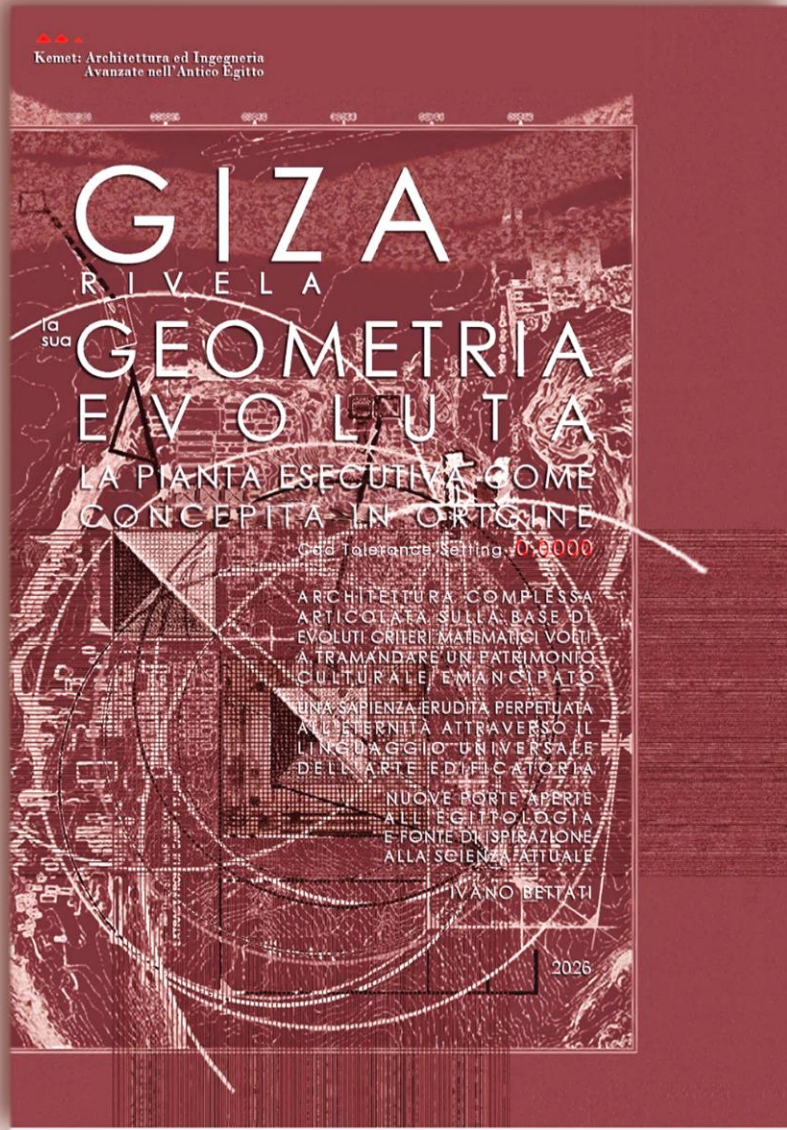
- 1) The data, reported on about 360 pages, concerning the methodologies involved in the course of the investigations and the results of the research, from which the values originally attributed to the three primary elements, (platforms and casings), to the interposed distances, to further determining elements (*), in the total absence of tolerances, relating to the **Ground configuration of the Pyramidal Architectural Context of Giza**, identified in 2023, transposed to Plan. n. IBØ-785-4G-1123-YØ.
The Original Synoptic Scheme had been expressly conceived for the purpose of archiving emancipated Cultural Concepts, later transposed into an Architectural-Executive key, in order to materially immortalize the precious contents;
- 2) The reports relating to the subsequent investigative phases (spatial analyses, 2023 -2026, still ongoing), aimed at identifying correlational relationships between the Elements.
The investigations lead to reveal the transition from intuitive schemes, synthesized in "apparently" elementary concepts (7 numbers processed in mind), to a clear confluence in geometries articulated in synergy with increasingly complex algorithms and diagrams, "driving" in the direction of Mathematical Parameters intended to convey information in a semantic key;
- 3) The data relating to the results of the research (*) are still under investigative scrutiny, and it is understood that the dynamic complexity leads to the demand for adequate in-depth investigations conducted in an interdisciplinary context made up of experts each in their own field of Historical / Scientific expertise, in support of Information Technology - Digitali (AI - Harmonic – Aristotle o sim.).

(*) Many crucial details, related to the methods involved in the research and research phases. to the results achieved, have been omitted or altered in the descriptions for reasons of NDA.

The reports of the research reported on about 360 pages will be transposed
in a reduced version to about 80 pp Monograph for double-blind Peer Review (N.D.A.)
In format

PDF

- Processing -



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