## A Guidance Trom The Masters

 Egiptian sacred Geometry
 The Ancient Fgi, ptian Order


## Ancient Egiptian Sacred Geometry <br> $\dot{1}$

Geometry Literally Means 'MeasuringThe Earth', Geo = Means "Earth" In Greek Which Was Borrowed From The Sumerian Language, Ki, Qi Or Gi. It Is Also A Greek Deity Gaea Or Gaia, The Goddess Of The Earth, Who Bore And Married Uranus And Became The Mother Of The Titans And The Cyclopes. This All Came From The Egiptian Deity Geb "Earth", Son Of Shu "Wind" And Tefnut "Moisture". Metry = Or Metrien Means "Measure",And Its Development In Ancient Egipt Was Precisely For That Purpose. [Middle English geometrie, from Old French, from Latin geōmetria, from Greek, from geōmetrein, to measure land : ge, earth + metron, measure. According To The Etymological Dictionary, The Word Geometry Is Defined As: F. Geometrie, Fr. L. Geometria, Fr. Gk 'Geometry' Lit. 'MeasurementOf The Earth'.


Pa Netert Tefnut, Mother Of Geb


Pa Neter Shu, Father Of Geb

Pa Neter Geb,
Son Of Tefnut And Shu

The Freemason, Masonic, Magus, Use The Compass, Which Comes From The Middle English Word Compas, Circle, Compass, From Old French, From Compasser, 'To Measure'.


The Compass Of The Freemasons


The Letter "G" Changed Into The Circle And The Square

The Freemason Compass Consists Of The Circle And The Square, The Circle Symbolizing Infinite, And The Square, Finite, Making It The Tool Of The Master Builders, With The English Letter "G" In The Middle Of The Two 90 Degree Angle. The Letter " $G$ " Stands For Genatalia Or Genitals. God. Geometry, Grandmaster, The $\frac{3}{3}$ "G's". God Or Gut, The Old High German Word Gudam, Is Ja Or Je-Ho-Vah, And The ' $\mathrm{G}^{\prime \prime}$ Sound Phonetically Is The Letter "J" Or "Jay". G = Gee, Which Is The Sound Of Regret "Jee". And "Gee" Is Defined As "A Mild Expletive Or Exclamation, As Of Surprise, Enthusiasm, Or Sympathy", An Expression For Grief. The Third Letter Of The Greek Alphabet "Gamma" Is Said To Have Been Venerated By The Pythagoreans Because It Was The Initial Of The Word Geometry. For Your Three ${ }^{6} \mathbf{G}$ "'S, God The Father, God The Son, And God The Holy Ghost, Is The Spook Spirit God Worship Principal Which Is The Good Father, The Good Son, And The Good Ghost. The Holy Ghost Is Gabriel Meaning "Man OfEl" Or Geb-Ra-El Meaning "Geb=The Earth Neter, Ra= The Sun, And El = Elul, The Source" As Spoken Of In The So-Called Bible Daniel 9:21, 27, Which Is One Of The Arch-Angels In The Higher Degrees Of Masonry. The Muslims Spell Gibrael With The Letter "Jeem" As Jibraiyl Or Gibraiyl. The Letter "'G" Or Gimel In The Hebrew Alphabet Represents The Camel Or The Beast; And If You Turn The Lower Case English Letter "G" Side Ways, You Get The Symbol Of Eternity, Or The Bow Of

The Masons, Which Goes Back To The Egiptian Symbol Of Aset, Isis, Which Is The "Tet", Symbolic OfThe Blood Of Isis (Refer To "Charms And Amulets"'). The Masons Also Took Their Concept Of The Bow From Our Tama-reye Iunet, Pedjet "Bow", Which Symbolized The Might Of The Nation, And the Enemies Were Referred To As "The Nine Bows". (Reading Egiptian Art, By Richard H. Wilkinson, Page 185)


The Letter "G" Is Also Associated In Hebrew With The Third Sacred Name Of God-Ghadol Or Gadole Meaning "Great". The " $\mathrm{G}^{\prime}$ Being The 7th Letter Ties In With The Mystical Number Of Religion. The Big " G " That The Master Speaks Of Is Gibbon Or Ghibbore, Found In Genesis 6:4, Where It Speaks Of The Giants Or "Nephillims" Coining Down To Earth And Breeding With The Pygmies, Who Gave, Birth To Ghibbore "Mighty Men", Which The Word Gibor Meaning "Strong", Is A Significant Word In The High Degrees Of Masonry. The Gibbons Are An Offshoot Of The Lare Monkey. They Have Long Arms, No Tail, And Are The Smallest Of The Apes. They Have Five Fingers And Can Use Their Thumb. The Gibbons Evolved Into Humims, And They Became Your Nubuns, The Original Ta-Ites Or Your Pygmy Tribe. The Nubun's Woolly Hair Comes From The Supreme Beings With 24 Strains Of Genes Coated In Melanin. These Are The Original Anunnagi, Aluhum; The Guardians Of The Nubians With Nine Ether, Who Were Olive Tone In Skin Color. Originally Green Olive Tone, Then On To Black And Dark Brown Olive Tone Skin.

To The Egiptians, The Beings From The Sky Are Known As The Neteru Or [Neteraat], To The Sumerians They Are Known As The Anunnaqi, To The Hebrews Nephillims [Eloheem], To The Christians Theos, God Or god, Which There Is No Difference. To The Muslims Aalihaat [Allahs]. The Muslims Even Have In Their Attributes To Allah, The Name Al Gabaru Meaning "The Great", Which Is The 9th Attribute, The Secret Number 9, Which Again Is Al-Gebra Or Simply Algebra, Taking You Back To Geometry, The Letter "G". The Science Of Gene, Again Taking You Back To The Letter "G", Which Is The Gene Of The Gibbon That The Neteru Bred The Human Species From (Refer To The Holy Tablets, And The Black Book Part 1). Algebra Comes From The Middle English Word, Meaning "Bone-Setting" And Italian, Algebra, Both From Medieval Latin, From Arabic Al-Jabar, The (Science Of) Reuniting : Al, The + Jabr, Simply Meaning, ' Reunification, BoneSetting". Algebra Deals With Arithmatic, The Means Of Counting Numbers Which The Egiptians Had Knowledge Of. The Egiptians Could Determine The Volumes Of Objects Accurately.

Before The Egiptians Would Lay Down The Foundations Of Pyramids, They Would Determine The Calculations According To The Stars With The Help From Beings From Sahu (Orion) And Septet (Sirius). The Pyramid Of Giza Or Ghizah, [Again The Letter "G"] Is Accurately Aligned With The Stars Of Sahu "Orion", Showing They Had Knowledge Of Astronomy.


Right:
The Giza Pyramid Aligning With The Belt Of Sahu "Orion"


The Slopes Of The Pyramids Of Giza Face The Cardinal Points Of The Compass Exactly. . Pyramids Were Constructed All Around The World So That The Tip Of The Pyramid Pointed In The Direction Of The Farthest Star, Which Is The North Star.

The Four Cardinal Points Of The Compass Must Agree With The Four Sides Of A Temple Or Lodge, Which Is A Symbol Of Perfection. The Pendulum Sits In The Middle Of The 90 Degree Angle, Which Is A Triangle. The Middle Of The Triangle Symbolizes Perfection. Just Âs The Number Nine 9x9=81? That Is $8+1=9,18 \times 9=162$. That Is $1+6+2=9$. Nine Is The Perfect Number, Not 7 As The Monotheistic Religions Would Have You Believe. $7 \times 7=49$, that is $4+9=13$. The Pendulum Is Suspended From The Center So That It Swings Back And Forth Freely The Figure Below Shows The Pendulum Principle.



The Right Side Of The Triangle Above Symbolizes God, Good, Cold, Heaven, Right, And Agreeable. While The Left Side Symbolizes The Devil, Evil, Hot, Hell, Wrong, And Disagreeable. The Eye Above The Triangle Or Pyramid Symbolizes The All-Seeing Eye Of Re (Ra), The Sun, Which Is The Source Of All Life. The Eye On The Dollar Bill Is The Eye Of Haru, Heru "Horus", And The Rays Of Light Symbolizes The Light Of Asaru, Usir, "Osiris"; The Point That Nimrod, Nembroth "Sargon"Wanted.

The Pendulum Is The Plumb, Which Is The Weight On The End Of A Line. The Inverted Pyramid Is Used By Operative Masons And Carpenters To Establish A True Vertical Or Perpendicular Line. The
 Plumb Line Teaches The Criterion Of


Left: The Hand On The Left Is The Masonic Hand Of $\qquad$
The Creator Holding The Compass As The Great Architect Of The Universe [G.A.O.T.U.]. The Hand Is Placed In A $90^{\circ}$ Angle.
Center: The Plumb Line That Hangs From The Center Of The Compass Swinging Either To The Left Or To The Right
Right: The Rays Of Re Extending Down With The Hands At The End, Again In $\mathbf{A} 90^{\circ}$ Angle.

This Idea Of Symbology With That Of The Perpendicular Is Something That Rose Directly Upward To The God Of Control. The Plumb Rule Is A Narrow Board Having A Plumb-Line Suspended From The Top And A Perpendicular Mark Through The Middle. It Is One Of The Working Tools Of The FellowCraft, However, In Masonry It Is Called The "Plumb". As The Operative Workman Erects His Temporal Building With Strict Observance Of That Plumb-Line It Will Not Permit Him To Deviate A Hair To The Right Or To The Left. You Are The Plumb, Which Stands In The Center Of The Pendulum. You Are The Center Of Your Axis. You Are The Pendulum That Swings Back And Forth, Whether You Swing Towards The Right [Agreeable] Or The Left [Disagreeable]. It's Up To You, The Individual. The Pendulum Point Swings From The Point AtumRe To The Point Amun-Re, Which Is Controlled By Re Or Ra Of Atun-Re. The Pendulum And Its Principles Are Used Throughout Masonry. Masonry Strongly Believes In The Geometrical Figures, And They Have Their Root Knowledge, Or As They Put It, Light From Egipt, Which Starts From The Dot, To A

Line, With No Beginning Nor End [Alpha And Omega], Taking Us Back To The Compass, The Circle And The Square. The Square, The Circle, And The Triangle Represents The 3 Symbols Of Geometry From Which All Other Shapes Come From. The Three Symbols Below Forms The Seven Principles, Encompassing All The Geometrical Figures.


These Are Three Symbols That Forms Seven Principles. There Are No Shapes Or Forms That Doesn't Pass Through These Shapes Just
 As The Ancient Symbol Huwa, Shown To Your Right.

The 7 Principles Represent The Seven Principles Of Geometry, Which Again Takes Us Back To The Letter "G" Of The English Alphabet, Taken From The Hebrew Letter "Yod", The First Letter Of Their God "Je-Ho-Vah" [Y.H.W.H.], The Tetragrammaton Is Expressed. The Freemasons State That Their God Is The G.A.O.T.U. Representing 'The Great Or Grand Architecture Of The Universe", Whom To Them Was Tah or Ptah. In Every Free Masonic Lodge, The Letter "G" May Be Seen In The East, Suspended Over The Masters Chair.

In Masonry, Geometry Teaches A Man To Meet And Measure The Earth And Other Things, Which All Stemmed From The Egiptian Deity Tehuti.

Tehuti, Thoth "Hermes" Is The Deity Of Measurement And Time Who Represents Wisdom. Tehuti Is Also The Deity Of Writing And Invention And The Recorder Of Time Of The Liberal Arts. The Greeks Call Him Hermes Which Means "The Recorder Of Time". At A Very Early Date, Before 10,500 B.C.E., The Egiptians Developed An Empirical Scheme For Surveying Land.

The Basic Scheme Was Born Of Necessity Because The Annual Overflowing Of The River Nile Destroyed All Boundaries. With The Creation Of Centralized Government, And In Order To Ensure An Equitable Taxation And To Avoid Disputes, Boundaries Had To Be Accurately Re-Established After Each Inundation. Of Necessity, The Method Of Surveying Had To Be Practicable And Simple. The Egiptians Measured Distance By Using Equally Spaced Knots Tied In Long Ropes. Two Men Were Required, A Knotted Rope, And The Knowledge Of The 'So-Called' Pythagoras Triangle, Which Existed Amongst The Egiptians Centuries Be-


Pa Neter Tehuti fore Pythagoras Walked This Earth.

According To The Book Entitled Science In Ancient Egypt, By Geraldine Woods, Page 36, It States: "Early On, The Egyptians Discovered That A Triangle Measuring 3,4,5, Or 5, 12, 13 Would Always Include A Right Angle. By Sighting With A Right Angle And Constructing An Imaginary Triangle, Surveyors CouldDetermine Distances."

Pythagoras Was A Greek Mathematician And Philoso-


The Hypotenuse Theorem Above Shows Figure 1 And Figure 2 Demonstrating The Relation That $\mathbf{A}^{\mathbf{2}}+\mathbf{B}^{\mathbf{2}}=\mathbf{C}^{\mathbf{2}}$ Holds In A Right-Angled Triangle With Sides A And B And Hypotenuse C. Figure 1 Shows That A Square Of Side A + B Can Be Separated Into Four Of The Right-Angled Triangles, A Square Of Side A, And A Square Of Side B. Figure 2 Shows That A Square Of Side A + B Can Also Be Cut Up Into Four Of The RightAngled Triangles And A Square Of Side C. Since The Two Squares Of Side A + B Have The Same Area, They Must Still Have The Same Area Once The Four Triangles Are Removed From Each Of Them. The Total Area Of The Squares That Remains On The Left Side Is $\mathbf{A}^{\mathbf{2}}+\mathbf{B}^{\mathbf{2}}$, And The Area Of The Square That Remains On The Right Side Is $\mathbf{C}^{2}$. So Therefore We Come Up With The Sum: $\mathbf{A}^{2}+\mathbf{B}^{2}=\mathbf{C}^{2}$.

Our Standard Egiptian Measurement Was A Cubit,

Which Is The Length Of A Man's Forearm From The Elbow To The Tip Of The Middle Finger. The Width Of The Palm And The Width Of Four Fingers Held Together Were Also Used. This Measurement Was Based On The Body Of The A'aferti (Pharaoh). Yet, Every Body Measured Differently, Thus, Measuring Sticks Were Used Keeping The Name Of The Body Parts. Our System Of Weights Was Based On A Grain Of Wheat Or Stone Weights. The Grain Was Measured Using Symbols From The Eye Of Haru, Heru 'Horus'.

The Laying Out Of Areas Required An Accurate Method For The Production Of The Right Angle. This Was Achieved By Marking Off The Rope With Thirteen Equal Divisions. Four Units Then Formed One Side Of The Triangle, Three Units Formed The Other Side And Five Units Formed The Hypotenuse, Which Is Opposite Of The Right Angle. This Simple Method Has Persisted To This Day, And Was Used When Tomb And Temple Building Began. Egiptologists Claim That It Was


Egiptologists Also Claim That As It Developed, The Whole OfAncient Egiptian Culture Became So Infused With Ca-
nonical Religion That Almost Every Act Was Formalized Into An Act Of Worship. We Egiptians Worshipped Our Ancestors And Built Shrines And Temples To Our Ancestors Before The Canonical Religion, Which Adheres To The Laws Of The Canon Came About. Temples Were Built To The Neter Amun, Netert Aset, Auset "Isis"; Netert Hat-Hani, Athyr, "Hathor"; Neter Haru, Heru "Horus", Etc. We Gave Reverence To The Neteraat. The Temple Structures Were Considered Qadush "Holy" Ground And Only The A'aferti "Pharaoh" And High Waab "Priest" Were Able To Enter Into The Sacred Chambers Of The Temples.

The Canonical Religion, Which Adheres To The Laws Of The Canon Along With The Greeks, The Turks, The Arabs, The French, And The Hyksos "Canaanites, Hebrew Israelites", Came Into Egipt And Infused With Us Egiptians. They Stole Our Secrets And Burnt Down Our Libraries That Housed The Books Of Knowledge And Learning. They Also Stole Our Egiptian Architectural ITesigns Of Building Temples, Tombs, Shrines, And Homes. We Egiptians Had An Advance Form Of Science, Math, Irrigation, Astronomy, Schooling, Farming, Hunting, Temples And Tomb Art Which Are Prime Examples Of This RigidlyOrganized Sacred Life. Complex Magical Ceremonies Attended Important State Events In Which The Ruling $\mathbf{A}$ 'aferti" "Pharaoh" Played The Role As The Personification Of A Deity. In The Layout Of Temples, The Basic Formation Of The Underlying Geometry Was Made Into A Complex Symbolic Ceremony.

In The Book 1 ntitled Dawn OfAstronomy, Sir Norman Lockyer States That The 'Cording Of The Temple', Laying It Out By Means Of The Cord, Was Attended With A Ceremonial Comparable With The Modern Laying Of A Foundation-Stone. He Quotes Descriptions Of The Process Taken From WallInscriptions At Edfu, Denderah And Karnak. 'Arose The Ruler', Says One Of These Inscriptions, 'AttiredIn His Necklace And Feathered Crown; And All The World Followed Him, And

Angles To It By Means $\leqslant>1$ Creating A 3:4:5 Triangle, And From That I aid Out The Whole Temple.

## The 'Druids' Cord'

13 Sections With 12 Knots, To Produce The $3: 4: 5$ Triangle (Right Angle) And The 5:4:4 Triangle (Seventh Part Of A Circle).


According To Egiptologists, 'The Rectangular Form Of The Temple Has Been HeldTTo Represent The Body OfA Mortal, And By Microcosmic/MacrocosmicCorrespondence, The Heavens. Its Complementary Form. The Central Or Radial Geometrical Pattern. Equal In All Directions And Emblematical Of The Material World, In ligipt Was Admirably Represented By The Pyramids'. However, We Know As Tama-reyeaat That The True Geometrital Sifience Of The Building Of The Pyramid Is "As Above, So Below". I he Construction Of The Pyramids Required Accurate Craituinion Before Building A Pyramid, The Location ()1 The Site. And The AmountOfLLand On The Surface Of The Earth And Its Geographical Distribution Was Very Important. Positioning A Pyramid Was Determined According To The Stars. The Pyramids Were Built Geometrically TwentyThree Degrees From The < enter Of The Earth. The Egiptians Built Their Pyramids From The Top Down, Called AntiDestruction Vs. Destruction For All Matter Reflects In Energy Or Anti-Matter. From The Cap Stone Of The Pyramid Upward, Would Be Its Reflected Form Of Energy, Seen As One Pyramid Above The Other Thr Mental Construction Of The Pyramid Forms The Blueprint For The Physical Construction Of The Pyramid. As The Pyramid Is Built Upward, You Must First Remove The Top Of Another Surface Downward, Thus, The Science Of The Pyramid Being Built From The Top To The Bottom.


The Construction Of The Pyramids Was Carried Out With The Help Of The Neteraat-Beings From Above. Throughout Egipt As Our-story, There Are Recordings On The Walls Of Everything From Writing To Healing. However, There Is Not One Single Recording Of The Construction Of The Pyramid, Which Baffles The Hyksos "Canaanite, Caucasian" Even To This Very Day Because He Cannot Obtain Those Secrets Which Are Buried In The 9th Chamber At A Secret Place Known To Few.

Although Some Sixty Pyramids Are Publicized, The Largest And Most Celebrated Of The Group Of Three At Giza Near Cairo, Has Been Scrutinized And Speculated More Than Any Other. The Pyramids In Sudan Outnumber Those Of The North, And When The Europeans Opened Them And Found The Truth Of Their Graftation There, They Buried Them Under Water. The French Set Out To Re-Paint And Change Information To Hide The Truth About Themselves And The Truth About Black People. The Four Corners Of The Pyramid Northeast, Northwest, Southwest, And Southeast, Are All Almost Perfect Right Angles.


The Three Pyramids Of Giza
All Great Empires Were Influenced By The Neteraat Who Brought Their Architecture To This Planet. Which In Most Places Is Called The Mir "Pyramid". The Word Pyramid Is Broken Up Into Two Parts, The First Word Being Pyra, Meaning "Fire" And The Second Mid Meaning "Middle",Referring To The Column Of Energy Called "Tachyonic Energy".

Pyramids Are Triangular In Shape, And Are Built Of Stone Or Brick On A Square Base. The Inside Of The Pyramids Contains A Network Of Passages And Tunnels That Connects Many Rooms And Compartments. The Solid Geometrical Figure Of The Pyramid Is Formed By Connecting Every Point Or Interior To A Plane Polygon. Thus, A Pyramid Is Solid And Bound By Planes. Most Pyramids You See Today Have 5 Sides, 4 Sided By Being Triangular And The Base Being A Square.

Egiptologist Only Tell You About The 3 Giza Pyramids Under The Pretense That Those Are The Only Pyramids Built By Us Tama-reyeaat They Take Every Opportunity To Publicize These 3 Pyramids, And Keep Your Attention Away From The Fact That There Are Hundreds Of Pyramids In Sudan, Because Sudanese Are The Seed Of Egipt; The Nuwaupians Or Nubian, Black Pharaohs, Not Mixed With Invaders. The Blacks Chased The Hyksos "Canaanites" Out Of Egipt. The Original Sudanese

Are Tama-reyeaat, Not The Sudanese That Live In Sudan Now Who Invaded Sudan Under The Arab Invasion. From That Invasion, You Have Mixed Arabs And Sudanese. The Original Sudanese Or Tama-reyeaat Built Hundreds Of Pyramids, Which The Hyksos "Canaanite" Hide From You.


A Pyramid In Nubia, Sudan

The Unit Of Measurement Used In The Pyramids Are Now Called The Pyramid Inch, Which Is Equivalent To A Polar Diameter Inch. The Polar Diameter Of The Earth Is 500,000 Pyramid Inches, From The South Pole To The North Pole. The Pyramid Inch Is The Basis Of The So-called British Inch. It Only Differs By 1/1000 Of An Inch.

Herodotus States That The Primary Function Of The Pyramids Was Sepulchral, Meaning A Burial Vault. However, We Know That The Pyramids Were Used For The Higher Schools Of Learning. Although, The Ruling A'aferti Did Build Mastabas To Ensure Their Re-birth In The After-Life. The Tombs Were Called Mastabas Meaning "Bench" Because They Resembled The Benches That Stood Outside The Tama-reye Houses.

Herodotus Briefly Mentions The Extended Period Of Construction Of The Great Pyramid And States That It Was The


Tomb Of A'aferti Khufu, Known To The Greeks As Cheops. According To Historians, It Was Erected On The Ruler's Orders During His Lifetime Out Of Despotic Vanity, And A Wish To Perpetuate His Memory Forever. However, We Know This To Be False.

Four Centuries After Herodotus, The Great Historian And Geographer Diodorus Siculus Visited The Pyramids And Left Us An Account: The Largest', Writes Diodorus, 'Is Quadrangular, Each Side At Its Base Is Seven Hundred Feet Long, And More Than Six Hundred High; It Gradually Contracts To The Top, Where Each Side Is Six Cubits; It Is Built Entirely Of Solid Stone, OfA Difficult Workmanship, But External Duration; For In The Thousand Years Said To Have Elapsed Since Their Construction, Which Some Make More Than Three Thousand Four Hundred, The Stones Have Not Moved From Their Original Position, But The Whole Remains Uninjured.'

However, We Know That The Pyramid Of Giza Was First Constructed By Adafa Or Enoch, Who Was Narmer Or Menes, With The Help Of The Neteraat, To Store The Secret Tablets Of The Neteraat "Refer To Holy Tablets, Chapter Eleven, Tablet One Verse 128-130, And Scroll \#191, Science Of The Pyramid." The Pyramids Of Giza Were Then Reconstructed By Khufu, Which The Ancient Tahites Called Ekhet Khufu, Meaning "Horizon Of Khufu". Why Was This Mass Pyramid Reconstructed? It Was Reconstructed By Khufu Because Of The Great Deluge, And The Biblical World Speaks Of In Genesis Chapter 7 And 8 As The Rood, Which Was Copied From The Gilgamesh Epics, Destroyed This Pyramid, Burying The Secret Word In The $9^{\text {th }}$ Chamber. This Pyramid Is One Of The Greatest Structures Ever Built. It Originally Stood 481 Feet, Which Is 146.5 Meters. This Includes The Casing. It Now Stands 756 Feet High. It Is Estimated To Have 26,000,000 Stone


Blocks, Averaging $21 / 2$ Tons Each. Some Of The Stones Weigh 15 Tons. Its Measurements Equals The Value Of $\boldsymbol{\pi}$ (3.1415926) Or Simply 3.14. For Instance, The Original Height Was 480.95 [481] Feet, And When The Boundary Is Divided By Twice The Figure, The Total Figure Would Come Out To Be 3.1428, Which Is Very Close To The Value Of $\pi$.

It Is The Greatness And Impressive Geometry Of The Pyramids That Made Them Appear In The Works Of Many Ancient Chroniclers And Commentators. The Greek Geographer Strabo (C. 63-25 B.C.) Visited Them, And The Roman SoldierScientist Pliny. In Addition To Writing On The Pyramids, Mentioned Other Authors Who Have Written About Them Are: Euhemerus, Aristagoras, Duns Of Samos, Antisthenes, Demetrius, Demoteles And Apion. All The Writings Of These Philosophers Relating To The Pyramids Are Now Lost, Which Tells You That It Was Not Meant For Them To Record These Secrets Of The Construction Of The Pyramid.

The Interest To Most Pyramidologists And Egiptologists Lies In The Principles Of The Sacred Geometry, Which Underlies The Structure Of This And Other Pyramids. The Great Pyramid Can Be Seen As The Height Of A Tradition, Which Began With The Step Pyramid Of The Ruler Netjerykhet, Zoser, Djoser At Saqqara (C. 2750 B.C.) Which Was Built By Imhotep Or I-M-Hotep. This Mastaba Pyramid Was Never Duplicated By Any Other. The Mastaba Measured 215 Long On Each Side And 25 Feet High. Imhotep Then Extended The Mastaba On All Sides Until Its Base Was About $\mathbf{4 0 0}$ x 350 Feet. He Then Placed Smaller Mastabas On Top Of It Until It Was Made Up Of Six Mastabas Of Decreasing Size, Whose Height Reached 7,200 Feet.

The Step Pyramid Was Of A Square Ground-Plan, Like

The Babylonian Ziggurats. It Was Enclosed In A Vast Sanctuary In The Form Of A Double Square Surrounded By A Thirty-Foot Wall. The Sanctuary Was 1,788 Feet In Length - One Third Of A Mile - And Oriented North-South. The Geometrical Pattern Used To Build The Step Pyramid And Its Court Was Copied Centuries Later, By The So-Called Jews For The Construction Of Their Temples, And It Was Used As The Underlying Pattern For The Chapel Royal At Whitehall In London.

The Step Pyramid Represents A Sudden Application Of Methods Which Appear To Have Been Formerly Unknown. The Technology Of Stone Cutting And Transport Was Known, But Never Before Had Such A Vast Undertaking Been Attempted. However, We Know That The Laser Was Used To Cut These Vast Stones To Build This Mastaba. In The Court Of The Step Pyramid Stood A Statue Upon Whose Plinth Was The Name Imhotep With The Citation 'Chancellor Of The Ruler Of Lower Egipt, First After The Ruler Of Upper Egipt, Administrator Of The Great Palace, Hereditary Nobleman, High Priest Of Annu "Heliopolis", Builder, Sculptor, And Maker Of Vases In Chief". Such An Impressive List Of Official Positions Emphasizes The Exceptional Talent Of This Man, Who Above All Others Stands At The Head Of The Western Tradition Of Sacred Geometry.


The Pyramid Of Zoser

According To Certain Egiptologists, Imhotep Was The Son Of Ka-Nefer, Director Of Works Of Upper And Lower Egipt, Not A Man Of Royal Blood, However, Imhotep Was Not The Son Of Ka-Nefer, Nor Was He Of Lesser Than Royal Blood. Imhotep Was The Son Of Kherdu'ankh And Ptah.


Imhotep


Zoser

He Acquired The Dimensions Of Building The Mastaba At Saqqara From Zoser, Who Had Knowledge Of Cutting Stone With Laser, Where The Freemasons Get Their Doctrine Of Cutting And Shaping The Stone Without The Sound Of The Hammer Nor The Sweat Of A Brow. This Can Also Be Found In The Old Testament Of The Bible In Daniel 2:34, Where It States "Thou Sawest Till That A Stone Was Cut Out Without Hands... ". And This Stone Or Eh-Ben, Was The Emerald. Its Brilliance Of The Green Light And Intensity Was Able To Break Light Beams Up To Many Different Colors. The Sham'a Or Shamir Is Derived From A Sacred Worm Called The Smiris For Emery. This Worms Blood Is Said To Have Had Mystical Powers And Can Only Be Found In The Desert. Moses Is Said To Have Used This Worms Blood To Engrave The Sacred Names. The Shamir

Was Endowed With Mathematically Precise Facets, Polished, Cut Surfaces Of Gem Stones, Which Enabled It To Break Down The Direct Light Rays Of The Sun Into Seven Different Colors. This In Turn Filters Out The Right Ray Of Light, That Was Strong Enough To Cut Metal And Mountain.

Egiptologists Are Still Searching For The Tomb Of Zoser, which is considered "their Cherished Dream". Zosers" tomb Is Believed To Be Somewhere In The Vicinity Of Saqqara, But As Yet, The Resting Place Of The Originator Of Architecture In The West Remains Undefiled and Which To Date Will Not Be Found.

After Zoser's Pyramid, Another Was Begun At Saqqara For The Ruler Sekhemkhet. Sekhem-khet Was The Successor Of Zoser, However He Died Young. Egiptologist Claims That For Some Unknown Reason, His Pyramid Was Abandoned At A Height Of Only Twenty Feet, However, This Is Untrue. The Sekhem-khet Was A Huge And Rectangular Pyramid Divided Into Sections Larger Than The Enclosure Of Zoser's Pyramid. There Are Two Step Pyramids Found At Zawiyet El Aryan, Believed To Be Intended For A'aferti Nefer-Ka-Re-Nebka. Some Say It Was For The A'aferti Khaba. This Was Abandoned During The Construction. After These Step Pyramids, Other Pyramids Cloaked In Polished Fitted Casings Of Tura Limestone Were Erected.

The First Of Those Pyramids Were Of The Ruler Sneferu At Meidum, which collapsed. In His Book The Riddle Of The Pyramids, Kurt Mendelssohn Has Shown From The Configuration Of The Rubble, Which Surrounds The Core Of This Ruined Pyramid That It Collapsed During Construction. Faulty Workmanship, And The Innovative Nature Of The Project, Caused A Sudden Collapse. Such A Disaster, In A Period When Scarcely Any Buildings Of Any Size Existed Anywhere In The World, Must Have Had A Profound Effect On The People Of The Time,

And May Be Enshrined In Garbled Form In The Myth Of The Tower Of Babel. The Babylonians Also Built Ziggurats Which Are Like Zoser's Pyramid. The Meidum Example Was Designed As A Step Pyramid, But Was Filled In With Packing Blocks And Casing. The Few Remaining Casing Blocks, Excavated From The Chaotic Pile Of Rubble Which Surrounds This Pyramid, Show That The Angle Of Elevation Was $52^{\circ}$, An Angle Of Great Importance In Sacred Geometry. $5+2=7$, Which Takes You Back To The Sacred Number 7.

> Right: The Interior Core OfThe Pyramid At Medium Built By Sneferu


When The Pyramid At Meidum Was Overtaken By Disaster, Another Pyramid, At Dahshur, Was Already Under Construction. Of All The Surviving Pyramids, This One Is Unique. The Base Measurement Of The Bent Pyramid Is 619 Feet Or 188.56 Meters, With A Height Of 319 Feet Or 97.26 Meters. The Angle Was Originally $54^{\circ}$ And 31 Feet Then, At A Point About Halfway Up, It Abruptly Changes Its Angle To $43^{\circ}$ And 21 Feet; Which Some Calculate To Be 30 Feet. This Caused It To Become "Bent". Egiptologists Claim That The Architect Of This Pyramid Altered The Angle In Order That The Disaster Of Meidum Should Not Also Overtake His Building, However, This Pyramid Slopes Inward At An Angle, Then It Meets At A Height.

However, It Is Obvious From All The Other Pyramids That The 'Bent Pyramid', As It Is Known, Was Built Differently Than The Other Pyramids. Cased Pyramids Represent The Celestial Spectacle Of The Sun's Rays Breaking Through The Clouds After A Rainstorm - A Manifestation Of The Divine Power Of Ra. The Changeover From The Imhotep-Inspired Step Pyramids To The Pure Form Appears To Have Occurred At The Same Time As The Arrival Of The Priests Of Annu "Heliopolis"In A Position Of Power In Egipt. Most Interestingly, Their Ascendance Brought In A New Interpretation Of Sacred Geometry: The True Mir "Pyramid", The Tekhenu "Obelisk" And The Ben-Ben, The Sacred Conical Pillar Of The Temple Of Ra At Annu "Heliopolis". The Bent Pyramid Is Referred To As The Southern Pyramid.

After The Bent Pyramid, The Next Pyramid, Which Stands A Mile To The North Of It, Called The Northern Stone Pyramid, Was Built At The Lower Angle Of $43^{\circ} \mathbf{3 0}$, The Angle Of The Upper Half Of The One Before It. It Meaşures 332 Feet Or 101.15 Feet High.

The Construction Of The Largest Structure Ever Erected By Man Began: The Great Pyramid Of Khufu Which Was Not And Cannot Be Duplicated For Its Magnitude And Splendor.

Egiptologists Claim The Great Pyramid Was Constructed To House The Mortal Remains Of The A'aferti Khufu, Who Is Known To The Greeks By His Grecian Name Cheops. This Is Again Untrue As Explained Before. The Angle Of Ascent Gives The Pyramid A Unique Geometrical Property, Which Represents The Mystic Squaring Of The Circle: Its Height Stands In The Same Ratio To Its Circumference, As Does The Radius To The Circumference Of A Circle. This Ratio Is $1 / 2 \pi \quad \pi=3.1416 \ldots$, And In This Pyramid, This Transcendental Number Is Repre-
sented With An Accuracy Of Better Than 0.1\% Error.
$51^{\circ} 52$ ' Has The Property Of Being The Angle Produced By A Gradient Of 4:1. The Angle Used At Dahshur, $43^{\circ}$ 30’, Is Produced By A Slope Of 3:1. Thus, The Simple Use Of Whole Numbers, Which Is The Keynote Of Sacred Geometry Throughout History, Exists In The Egiptian Context. 'The Existence Of The Pyramids', Wrote James Stirling, In The Canon, '... Seems To Be A Striking Confirmation OfThe Statements OfThe Earliest Writers, That Architecture Originally Depended On Geometry, And We See In Egipt The First Application Of That Science To Building ... In The Hands OfGeometrical Architects, The Pyramid By Its Bulk, Surface, Lines And Angles, Would Afford The Means OfRecording Measures And Numbers. For Practical Purposes, Also, The Pyramid Is A Most Suitable Form For A Permanent Fabric.'

Another Geometrical Characteristic Of The Pyramids, Which Has Been Commented Upon, Concerns The Faces. The Theory Has Been Put Forward That The Pyramids Were Conceived As Representations Of The Northern Hemisphere On A Square Projection. Each Flat Face Of The Pyramid Was Designed To Represent One Curved Fourth Of This Hemisphere, According To This Theory. The Pyramid Fulfills This Geometric Consideration Like No Other Figure: To Project A Spherical Quadrant Onto A Flat Triangle, The Base Of The Quadrant Must Be The Same As The Base Of The Triangle, And Must Also Have The Same Height. This Is Fulfilled In The Great Pyramid, Where The Angle Of Slope Gives The " $\pi$ " Relationship Between Height And Base.

Measurement Of The Great Pyramid
$A-B=$ height of great pyramid from the top of the

$$
\text { platform }-480.95
$$

$\mathrm{B}-\mathrm{C}=$ thickness of platform $=21.6535$ inches
A-C $=5482.75751$ feet $=1 / 43,2000$ of the earth's polar radius
When the distance of platform is added to the height of the pyramid above, the new height is 482.75751 (multiplied by 43,200 ).

## The Following Is An Example Of How Close The Figures Are To The Polar Radius

$$
\begin{array}{lc}
\text { Expected figure } & 3949.9081 \\
\text { Calculated figure } & 3949.831 \\
\text { Difference } & 0.0741 \\
\text { or } 391 \text { feet }
\end{array}
$$

This Pyramid Was Constructed At The Center Of The Earth's Land Mass. The Complexities Of Geometry Inherent In The Great Pyramid Have Been Largely Unraveled In A Plethora Of Calculation And Theory Over The Last Century Or So.

Herodotus Was Told By The Temple Priests That The Great Pyramid Was Constructed In Such A Way That The Area Of Each Face Was Equal To The Square Of Its Height. This Relationship Can Be Seen To Embody The Golden Section, Which According To The Modern Geometrician Schwaller De Lubicz Was Seen Not In Numerical Terms But As Emblematical Of The Creative Or Generative Function, The Fundamental Of An Infinite Series.

Inside The Great Pyramid Are A Series Of Passages Whose Purpose Is Largely Undetermined To Archeologists And Egiptologists. This Pyramid Has Four Chambers: 1. The Ruler's Chamber, Which Contains Nothing But An Empty Sarcophagus Proving That The Pyramid Were Not Tombs; 2. The Queen's


Chamber, Which Is Smaller And Also Empty; 3. The Underground Chamber, An Unfinished Chamber In The Living Rock Below Ground Level, And 4. The Grand Gallery.

In Addition To These Three Chambers, There Is An Impressive Passage Known As The Grand Gallery, Lined With Carefully-Fitted Granite Casings And Possessing A High Corbelled Ceiling. However, Nothing Of Note Has Ever Been Discovered In The Great Pyramid - All Proving That It Was A School Of Learning Built With The Help Of The Neteraat For The Neteraat.

The Danish Architect Hubert Paulsen, Puzzled By The Lack Of Any Contents, Claimed That There Must Be Another, As Yet Undiscovered, Chamber Within The Great Pyramid. By Geometry, He Calculated That The True Burial Chamber, Crammed With Wealth Which Would Dim The Treasures Of Tutankhamun - By Comparison With Khufu, A Poor Ruler - Should Be Beneath The Center Of The Pyramid, And Below Ground Level. Their Findings Are Proving Them Wrong, For The Sarcophagus That Were Found In The Pyramid Was Empty.

The Pyramids Were Not Constructed For The Purpose Of Being Tombs For The Rulers. The Ruler's Chamber, Which One Would Imagine To Have Been Intended For The After-Life Requisites Of The A'aferti, In Addition To Being $\mathbf{1 3 0}$ Feet Above Ground Level, Is Not Directly Beneath The Height Of The Pyramid. Paulsen's Chamber Has, Unfortunately, Not Been Located, And Experiments Carried Out In Khafre's (Chephren's) Pyramid Has Also Met With Failure. The Queen Shaft Pointed Towards The Sirius Star. All The Shafts Line Up Perfectly With Orion's Belt.


The Rising Of Orion's Belt And The 26.5 Degree Alignment

By Comparison With The Great Pyramid, Whose Chambers And Passages Were Revealed By The Accidental Fall Of A Ceiling Block In The Entrance Passage, The Pyramid Of Khafre Is Seemingly Devoid Of Passages. One Small Chamber Exists In The Rock Beneath The Vast Bulk Of The Structure. This Has Always Seemed Anomalous To Egiptologists, And An Attempt To 'X-Ray' The Pyramid Was Made In 1970 A.D. By Professor Luis Alvarez Of The University Of California. Alvarez Attempted To Record The Passage Through The Pyramid Of Cosmic Rays, Which Strikes Upon The Earth From Outer Space. Using Extremely Sophisticated Detection Equipment, He Made Ob-

servations Over A Period Of Several Days. On Analyzing The Results, They Showed Inexplicable Variations Which Made The Experiment Inconclusive. The Variability Of The Results Were Perhaps Caused By The Geometry Of The Pyramid, Its Positioning, Its Relationship To The Earth's Magnetic Field, Or Some Combination Of These And Other Factors. Whatever The Cause, Alvarez's Experiment Failed To Discern Any Inner Chamber Or Passages.


The Astro-Geometry Of The Shafts And Chambers Within The Great Pyramid

Many Extravagant Claims Have Been Forwarded To Interpret The Complex Array Of Passages And Other Internal Features Of Khufu's Pyramid. But In Reality, None Of Them Seem To Deserve Any More Attention Than Any Other. There Are Theories That The Second Coining Of Christ, The End Of The World, Or Some Other Momentous Happening Are Foretold By

Various Steps, Stone Joints, Passage Bends And Cracks Which Is Ridiculous. Books Of Pyramid Prophecy Have An Unfortunate Propensity Of Requiring Drastic Revision When The Prophesied Apocalypse Does Not Arrive On Time. I Leave It To The Reader To Judge The Validity Of The Work Of Piazzi Smyth, John Taylor, John Davidson, Edgar Stewart, Basil Steward And Their Imitators.

Although The Pyramids Are The Most August Manifestation Of The Sacred Geometry Of Egipt, Their GeometricallyInspired Canonical Arts Infused All Sacred Artifacts.


Left: The Geometry Of The Great Pyramid, Which The Masons Copied, Shown Right

Imhotep's Title Of 'Maker Of Vases In Chief Demonstrates That A Major Geometer Was Required For The Correct Design And Manufacture Of Sacred Vessels. Products Of Egiptian Art Of Whatever Period Are, With Few Exceptions, Instantly Recognizable As Such. The Style Continued For Over 3000


Years, Even Into The Hellenic Period After Alexander The Great Conquered The Country. The Canonical Measures And Proportional System, Laid Down As Expressions Of A Magical View Of The World, Inhibited Any Innovation. The Role Of The Artist Was Thus Quite Unlike That Of His Modern Counterpart. The Concept Of The Artist As An Individual Creative Personality Is Absolutely Modern. Like Other Artisans, The Majority Of Sculptors And Painters Were Part Of A Team Which Adhered Rigidly To The Pre-Ordained Canons Of Art. Their Position Can Be Compared With That Of Modern Designers Of Printed Circuitry Or Microprocessors, Who Are Constrained Within A Technological Framework Of Function Which Depends Absolutely Upon The Laws Of Electronics.

Like Their Modern Technologist Counterparts, The Artisans Of Ancient Egipt Were Precision Workers, Early Practitioners Of The Universal Belief That Acts Of Magic Must Be Performed According To Precise, Unchanging Ritual. Underlying These Ritual Forms Was Geometry.

The Technical Basis Of Egiptian Geometry Was Impeccable. Indeed, The Later Success Of The Ancient Greeks, With Whom Geometry Is Nowadays Most Readily Associated Because They Stole It From The Egiptians And Burned Down The Library Of Alexandria Containing The Books Of Knowledge Of Egipt, Was Based Solidly Upon The Knowledge And Technique Of The Ancient Egiptians. The Practices Of Egiptian Geometry Are Not Lost, However, As The Vast Blossoming Of Interest In The Antiquities Of Egipt During The Last Century Has Led To The Rediscovery Of Its Fundamentals. During His Destructive Excavations Within The Fabric Of The Great Pyramid, Colonel Howard Vyse Found In One Of The Chambers 'ManyQuarryMarks Similar To Those In Other Chambers, And Also Several Red Lines Crossing Each Other At Right Angles, With Black


Equilateral Triangles, Described Near The "Intersection" In Order Probably To Obtain A Right Angle ...'These Lines And Constructions Were Necessary For The Masonic Arts Of Stone Cutting, Fitting And Finishing. For Any Technical Method Of Drawing, It Is Necessary To Have A Geometrical Basis. The Use Of Intersecting Lines To Mark Out The Background For A Relief Carving Was Systematized Into A Square Grid. This Was An Aid Not Only To The General Composition And Layout Of The Work, But Also Served To Ensure That The Human Figures To Be Made Should Be Correctly Proportioned Accordance With The Canon.

Guide Lines Were Painted With A Brush Or Made With A String Dipped In Red Paint, And The Outlines Were Sketched With A Brush Made Of Wood Fibers Or A Rush Pen Such As Those Used By Scribes.


The Sculptor Chiseled Around The Finalized Outlines, And The Sculpture Was Then Finished By Being Covered With A Wash Of Plaster. Finally, It Was Then Painted. Root Rectan-
gles Were Used To Determine The Main Dimensions Of The Figures Within A Framework Which Was Usually Square. Thus, The Sculpture Reproduced In Its Dimensions All The Sacred Attributes Of Geometry. This Was Additional To Its Figurative And Symbolic Content. Such Rectangles Were Easily Constructed By Simple Geometry From The Square Grid, Which Itself Had The Symbolic Meaning Of The World, Within Which The Human Was The Temple. The Fundamental Geometry Of Temple Foundation Was Reproduced Microcosmically In Each Canonical Carving, In Accordance With The Age-Old TempleBody Formula, A Feature Which We Can Trace Throughout The Recorded History Of Architecture.

Such A Combination Of Underlying Grid, Overlying Geometry I And Outward Form Gives Us A Three-Layered Concept Of Sacred Art Without Which The Multiple Forms Can Scarcely Be Understood. Such A Three-In-One Concept, Encapsulated In The Trinity Of Auset, Aset "Isis", Haru, Heru "Horus" And Asaru, Usir "Osiris", Occurs Throughout Canonical Art From Egipt Onwards. In Some Sacred Art The Geometrical Form Is Predominant, Such As In Celtic Interlace Work Or Islamic Tile Patterns. This Is The Second Level Being Manifest. In General, This Overt Form Is Suppressed. Such Geometry Has The Inherent Characteristic Of Incorporating Within Itself The Sacred Metrology Of Whatever System It Represents.

One Characteristic Of Sacred Geometry Which Recurs Throughout Time Is The Choice Of Geometries Which Are As Inclusive As Practically Possible. A Geometry Which Includes The Square, The Circle, The Vesica And The Equilateral Triangle As Well As Various Root Rectangles And The Golden Section Has Been Seen As The Ideal Microcosm. The Tomb Of Ruler Rameses IV Of Egipt Is Just Such An Example. Rameses IV Was Buried In A Rock-Cut Tomb, Not A Pyramid, As Pyra-
mid Building Had Been Abandoned By His Time. The Rock-Cut Tomb Contained A Triple Sarcophagus. The Innermost Sarcophagus Was In The Form Of A Double Square, The Holiest Of Sacred Enclosures. Surrounding This, The Middle Sarcophagus Had The Dimensions Of A Golden Section Rectangle, And The Outer Sarcophagus Two Golden Section Rectangles Equal To The Middle One. The Tomb Itself Was Dimensioned On A Projection Of The Geometry Of This Triple Sarcophagus.


Geometric Analysis Of The Tomb Of Rameses IV Of Egipt - Double Square And Golden Section Rectangles.

Geometry Supposedly Has Been Brought To Perfection By The Ancient Greeks, However, As Explained Throughout This Scroll, We, The Tama-reyeaat Were The Originators Of

Geometry And Were Taught By The Neteraat. Everything Throughout Egipt Deals With Some Form Of Geometry. Even The Pectorals And Other Magic Amulets Found On The Mummified Egiptians Have Been Geometrically Analyzed From The Largest To The Smallest Sacred Object. So Don't Fall For Any Myths That Is Being Fed To You By The European Society, Geometry Originated From Our Homeland, Tama-re "Egipt".


Original cure mastaba
Extensions to core mastaba
First step-pyramid superstructure Final step pyramid superstructure Final step pyra
Burial chamber


Stage one of construction
E:7 Stage two of construction


Car Uripinal seven-step pyrumid
I stension to eight-step pyramid
Platiorm fier outer pyrmid cien
Burial chamber
Present-dar protile of pyramid


