

# Chaos, Complexity & Christianity

## ***9. The central plea from the bell at infinity***

Carlos E. Puente

*University of California, Davis*

# Summary

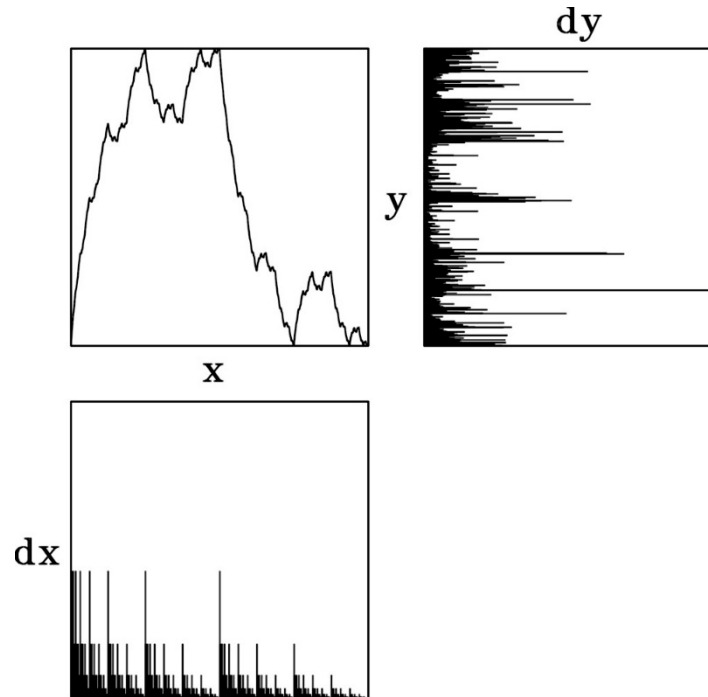
- *Illustrates some key Biblical events as “transitions” from disorder to order.*
- *Recalls images of sublime love, including the Most Holy Trinity.*
- *Identifies “mountains” as symbolic of incomplete imitations by the devil.*
- *Reminds us that divine love ought to be accepted in plenitude.*
- *Shows that peace and joy are only found in our abandonment to the positive cross.*
- *Shares the joy of the Psalmist in the ever-present designs of God.*
- *Explains our ultimate freedom in Jesus Christ.*

# **From previous lessons**

*(Puente, 2003, 2011, 2020a,b,c,e)*

# Based on fractal wires

iterating two simple rules

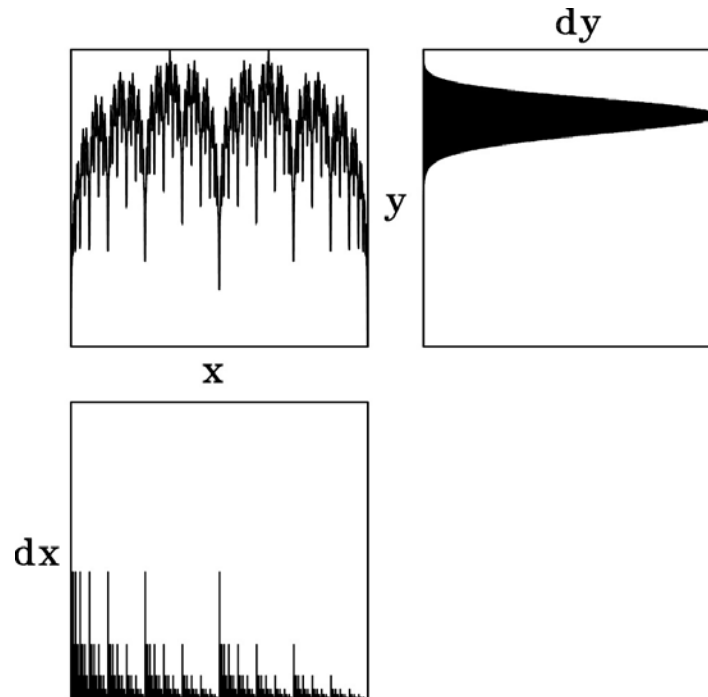


a **wire** transforms  $dx$  into  $dy$

a **Platonic model** of natural complexity

# A bell at infinity

case + +, adding unity by the middle

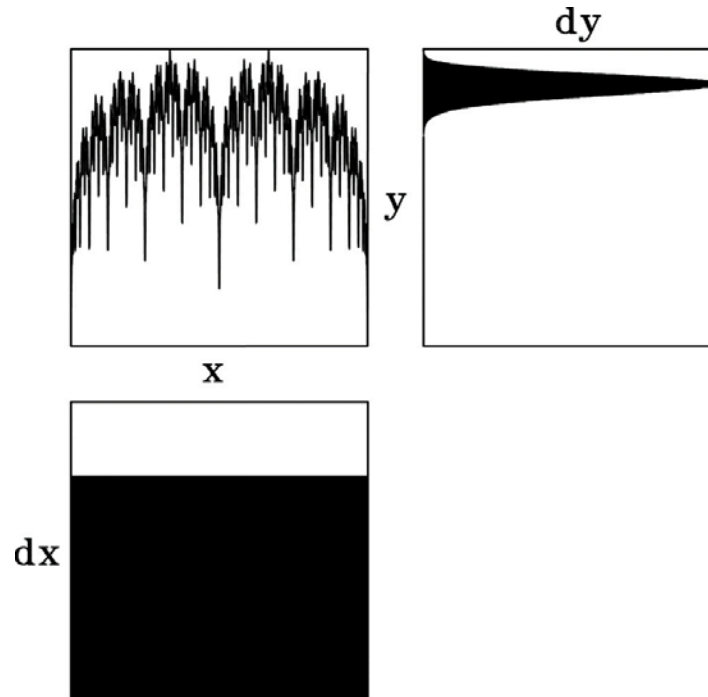


transforms **dissipation** into singular **conduction**

a **universal** result for a **non-discrete**  $dx$ , but only in the unitive **limit**

# The Most Holy Trinity

the perfection of 0, 1 and  $\infty$



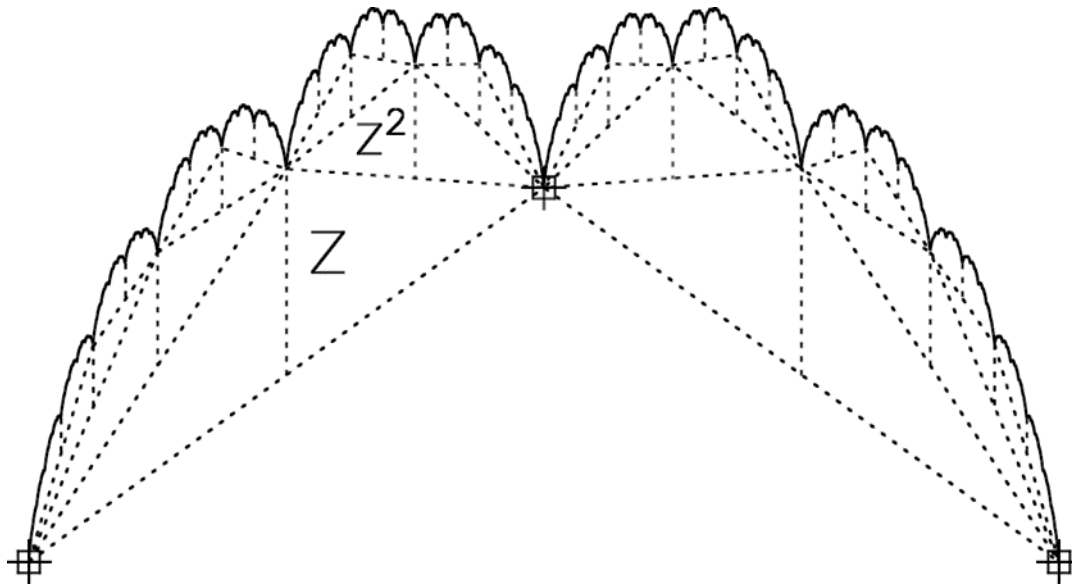
the coherent case of **highest dimension**

dreamt wisdom based on  **$Y = X$**

# The angelical Holy Spirit

a positive symphony

$$z \rightarrow 1$$

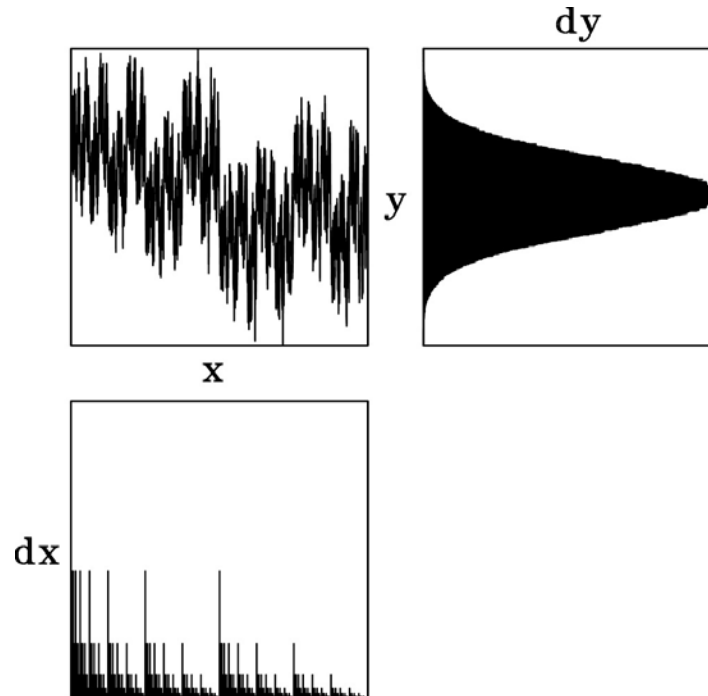


decidedly and with **love**,  $1 = 0.999\dots$ , towards **infinity**

the amazing **unity** of the **Holy Spirit!**

# Pitiful finite imitations

cases that go up and down

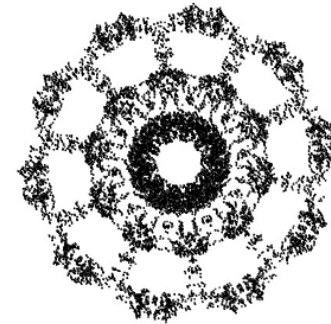
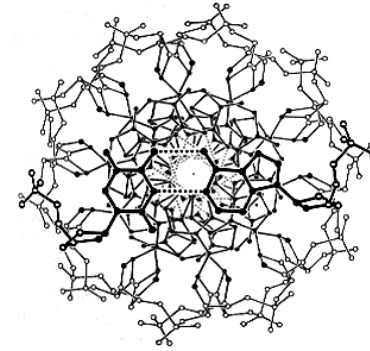
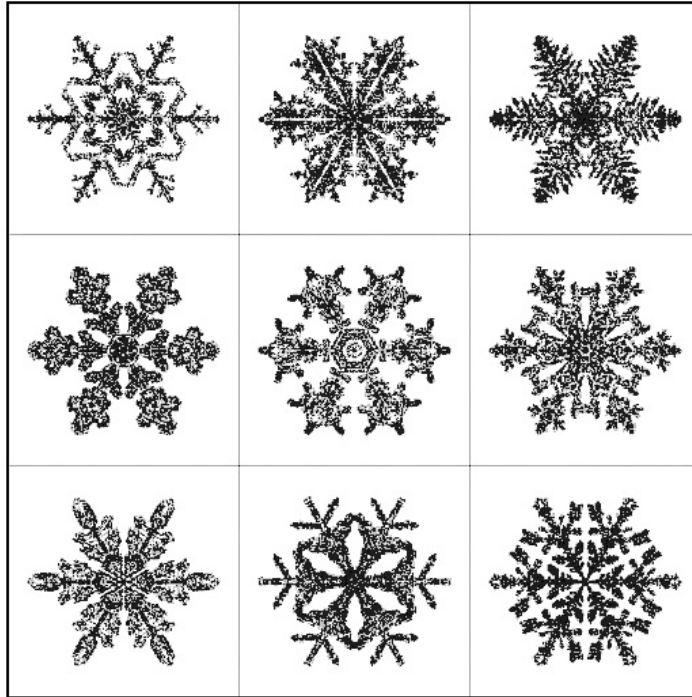


although in the limit there appear **bells**, their centers are **finite**  
such transformations, including the **negative**, do not take to **heaven**



# The designs of the bell

perishable limit cases in more dimensions



beautiful patterns *dot by dot* making up **kaleidoscopes**

*a blind watchman? really?*

# **Some citations by themes**

*(New American Bible, 1991, 1986, 1970)*

# **Images of plenitude**

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- Then, it is sensible to **imagine** the “*creation event*” and others, e.g., *light* (Gn 1:3), *the sky* (Gn 1:7), *vegetation* (Gn 1:11), *the stars* (Gn 1:16), *animals* (Gn 1:20), *man* (Gn 1:26), as transitions from *dissipated* “*multi-fractal*” states into other *organized* states, via suitable *infinite space-filling* “*wires*”.

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- As the resulting outcomes may have **finite** or **infinite** means, these alternative scenarios may be employed to denote the “*creation of the perishable*”, i.e., cases +- and -- for all sets of parameters, and the “*creation of the eternal*”, i.e., case ++ and its limiting bell at **infinity**. (!)

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- For not all is eternal, for as **Jesus** explained, “*Heaven and earth will pass away, but my words will not pass away*” (Mt 24:35).
- As “**God** created man in **his** image, in the *divine image he* created **him**; male and female **he** created them” (Gn 1:27), man’s appearance and destiny may be associated with the ++ bell.

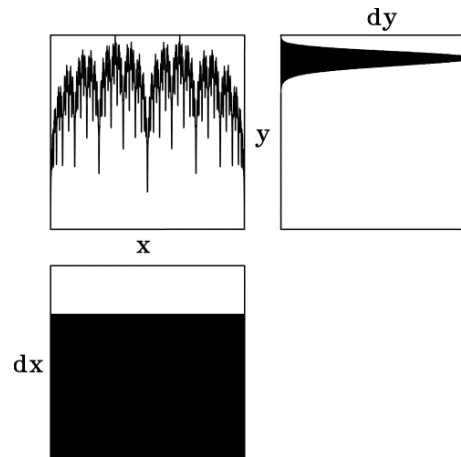


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- Clearly, “**God Himself**” may be identified with the *conducting* ++ bell at *infinity*, e.g., **He** spoke to **Moses** from the *burning bush* not being consumed (Ex 3:1-6) and guided the **Israelites** from **Egypt** via “*a column of fire to give them light*” (Ex 13:21). (!)

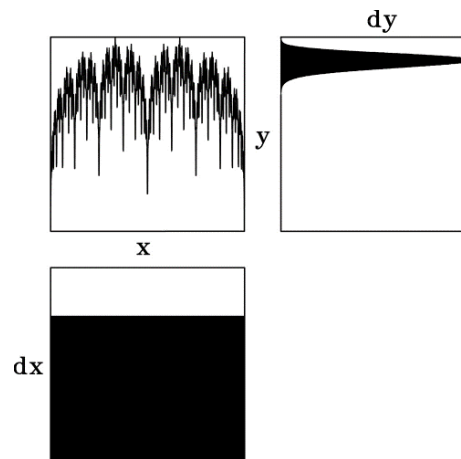
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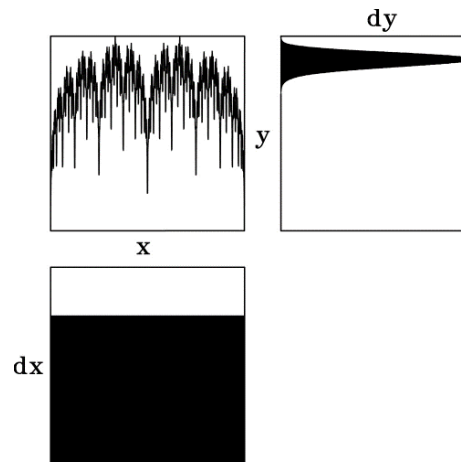
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- This same powerful diagram, in its directionality from *x* to *y*, may be used to symbolize key events in **Jesus**' life that include, besides His *miracles*, His *transfiguration* (Lk 9:29), His *resurrection* from death (Lk 24:5-6), and His *ascension into heaven* (Lk 24:50-51). (!)

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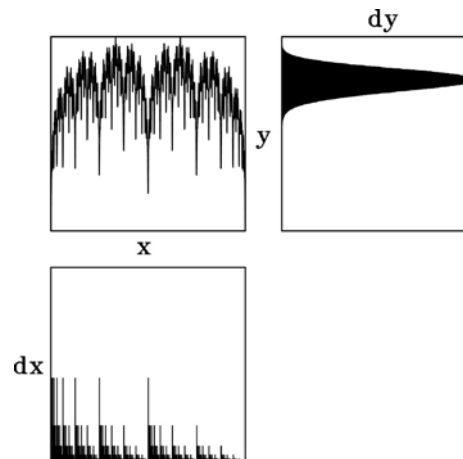
- In a vivid manner, in the diagram we may appreciate **Jesus' baptism**, with **Spirit** and **fire** (Mt 3:11), **living water** (Jn 7:38), and the same **power** that allows His disciples to perform miracles in **His** name (e.g., Jn 15:7).



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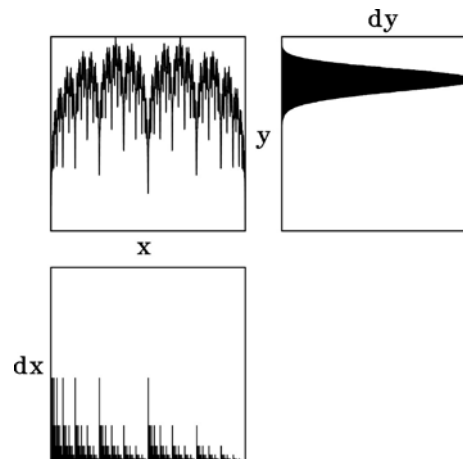
(*Puente, 2018, 2020d*)

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- As we may see, such a transforming diagram from *dust* to *light* allows us to exclaim with the apostle **Paul**, "*Where, O death, is your victory? Where, O death, is your sting?*" (1 Cor 15:55). (!)

**Shadows of death or of love**

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- As the limiting ++ case leads to infinity, and as any other scenario remains finite and hence “dissipated,” the *fractal dimension* and the signs of a wire may be employed to symbolize the “*spiritual dimension*” we may have in our lives.



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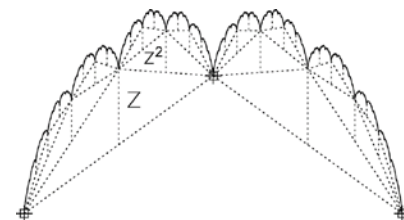
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- This yields, as in previous lessons, a **twofold** response, “the man who strays from the way of good sense, who will abide in the assembly of the *shades*” (Prv 21:16), “*shades* that cannot rise” (Is 26:14) vs. those **redeemed**, for whom “your dead shall live, their corpses shall rise; awake and sing, you who lie in the *dust*. For your dew is a dew of *light*, and the land of *shades* gives *birth*” (Is 26:19).

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- For, **all** is possible in the *plenitude of love*, for because of it, “the angel said to **Mary**, ‘The **Holy Spirit** will come upon you, and the power of the **Most High** will **overshadow** you; therefore the child to be born will be called **holy**, the **Son of God**’ ” (Lk 1:34-35), as **He** is “the *light* that shines in the *darkness*” (Jn 1:5). (!)

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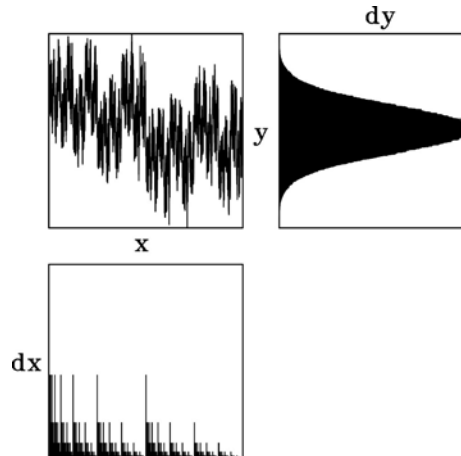
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- As the **Psalmist** shares, “**Lord**, your love reaches to *heaven*, your fidelity, to the *clouds*. How precious is your love, **O God**! We take refuge in the *shadow of your wings*” (Ps 36:6,8), i.e., the *angel wings* of case ++: (!)



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- While the bell at *infinity* emanating from a *unitive cloud* represents the ever-present *invitation* of **God** for our surrendering, e.g., “be *perfect*, just as your **heavenly Father** is *perfect*” (Mt 5:48), the cases containing a **negative** sign and that in their construction go *up* and *down* yielding *mountains*, allow us to appreciate how “The one who *doubts* is like a *wave* of the sea that is driven and tossed away by the *wind*” (Jas1:6). (!)



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- For **He** said, “Amen, I say to you, if you have *faith* and *do not waver*, not only will you do what has been done to the *fig tree*, but even if you say to this **mountain**, ‘Be lifted up and thrown into the sea,’ it will be done” (Mt 21:21-22, Mt 17:19-20). For in **His fullness**, *the devil* can only strike at our heels while we bruise him at his head (Gn 3:15). (!)



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- This is consistent with “When you look for me, you will find me. Yes, when you seek me with **all your heart**, you will find me with you, says the **Lord**” (Jer 29:13-14), and with “if you seek **wisdom** like silver, and like *hidden treasures* search her out: then you will **understand** the **fear** of the **Lord**; the *knowledge of God* you will find” (Prv 2:4-5).

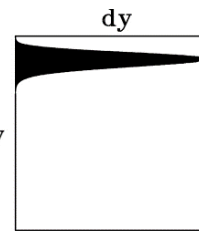
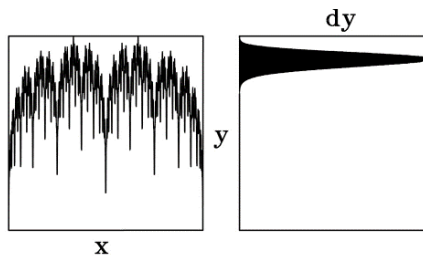
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- As the desired destination is clearly beyond our natural abilities, **God's** invitation leads us to **faith**, i.e., “the realization of what is hoped for and evidence of things not seen” (Heb 11:1), and in particular to a **faith** based on **Jesus the Rock** (Mt 7:24-27), for “Unless our *faith* is *firm*, we shall not be *firm*” (Is 7:9).

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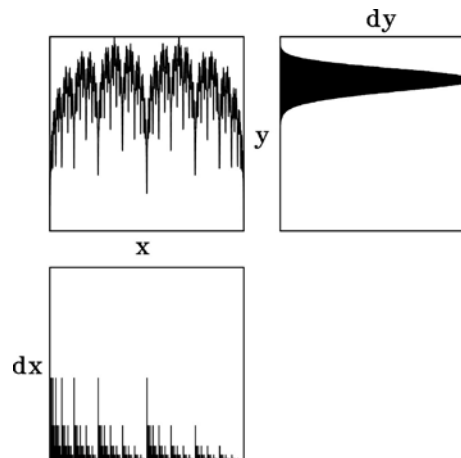
- As may be seen vividly in the transition from a *uniform* texture to the *celestial bell*, “the **Law** has only a *shadow* of the good things to come, and not the very image of them” (Heb 10:1), for “it was not through the **law** that the promise was made, but through the righteousness that comes from **faith**” (Rom 4:13, 2 Cor 3:10-11) (!)

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- These images allow us to further appreciate “**God's plan**”, for “In this way the **love** of **God** was revealed to us: **God** sent his **only Son** into the world so that we might have *life* through **him**” (1 Jn 4:9).

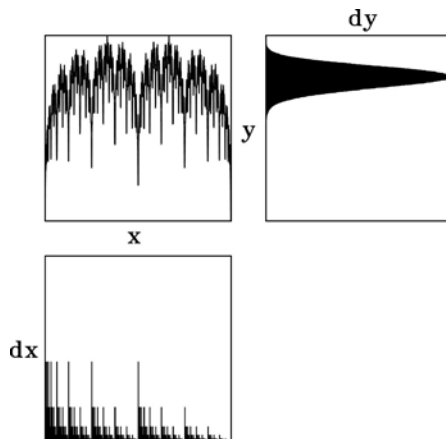
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- For, “there is no condemnation for those who are in **Christ Jesus**, for the law of the **Spirit** of life in **Christ Jesus** has *freed* you from the *law of sin* and *death*” (Rom 8:1-2), for any *dx spiky* and *dusty* is certainly raised to infinity through **Him**, via the ever-positive cloud filled with **unity**. (!)



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- “For if you live according to the *flesh*, you will *die*, but if by the *Spirit* you put to death the deeds of the body, you will *live*” (Rom 8:13), for “it is the *Spirit* that gives *life*, while the *flesh* is of no avail” (Jn 6:63), for the *flesh* and the *Spirit* are “opposed to each other” (Gal 5:17), as a *multi-fractal dx* is *perpendicular* to the *bell at infinity dy*. (!)





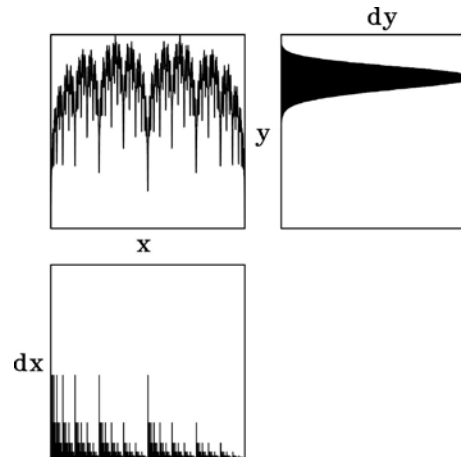
# God's plan: faith and the Law

- These images allow us to further appreciate “**God's plan**”, for “In this way the **love** of **God** was revealed to us: **God** sent his **only Son** into the world so that we might have *life* through **him**” (1 Jn 4:9).
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- As “by *grace* you have been saved through *faith*, and *this is not from you*; it is the gift of **God**; it is *not from works*, so no one may boast” (Eph 2:8-9), it is sensible to implore “Turn away your face from our sins; blot out all our guilt. A *clean heart* for us, **God**, renew in us a *steadfast Spirit*” (Ps 51:11-12), **O Lord**, “*increase our faith*” (Lk 17:5). (!)

# **The eternal transformation**

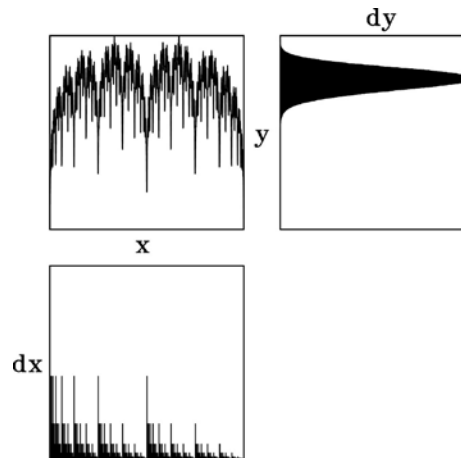
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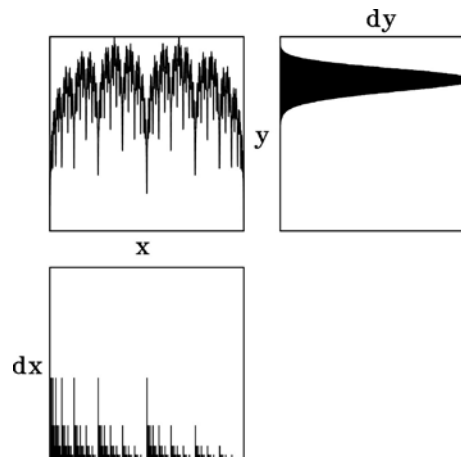
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*(Puente, 2019b,c)*

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- And it is based on these notions that we dream about **heaven** and its everlasting **party**.



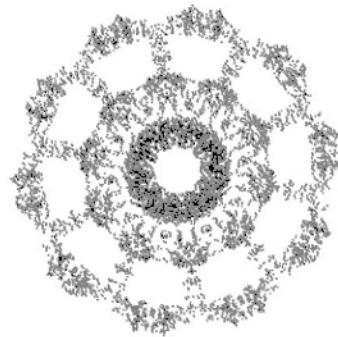
# **The bell's hidden treasures**

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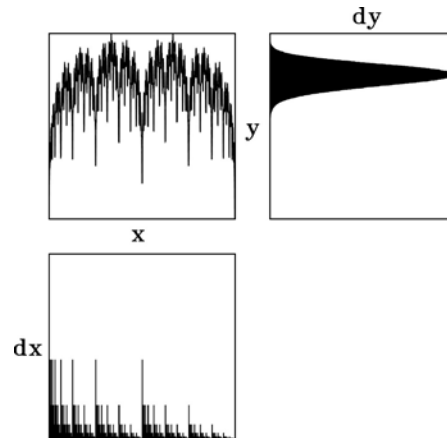
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- For through the *Advocate*, the **Holy Spirit, God** teaches us everything and remind us all that **Jesus** said (Jn 14:26, 16:13-14). For in **Christ** lie “*hidden all the treasures of wisdom and knowledge*” (Col 2:3, Rom 11:33), o lovely and exquisite bell calling us to “*true freedom*”. (!)

# **Freedom and the central limit**

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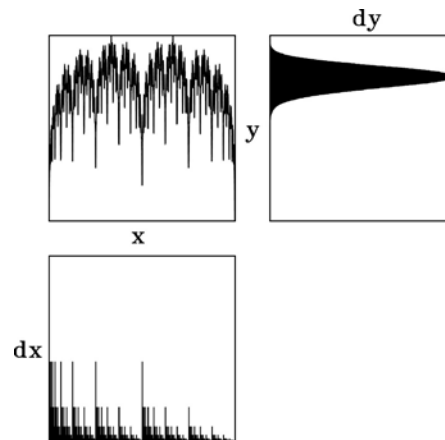
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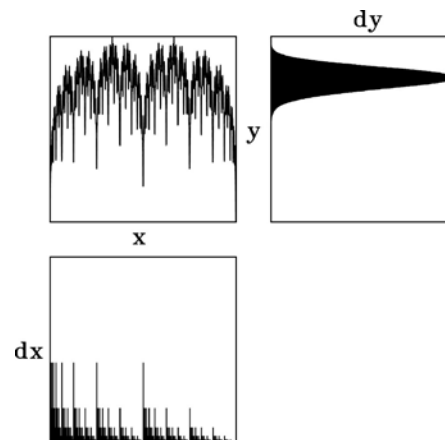
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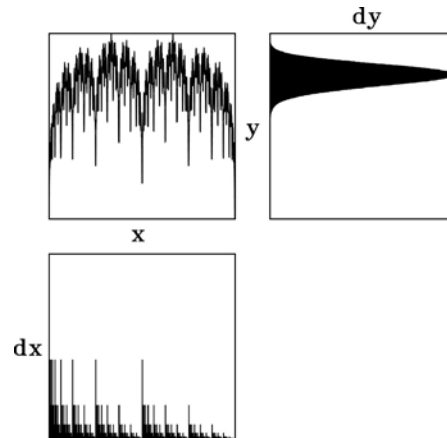
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- For inside the rather special and beautiful bell, “All of us, gazing with unveiled face on the **glory of the Lord**, are being **transformed** into the same image from *glory to glory*, as from the **Lord** who is the **Spirit**” (2 Cor 3:18). (!)

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- As the bell appears *universally* and irrespective of the musings of chance and of input multi-fractal behavior, we may humbly realize that “**All the paths** of the **Lord** are *faithful love* toward those who honor the covenant demands” (Ps 25:10), and that “*all things work for good for those who love God, who are called according to his purpose*” (Rom 8:28). (!)



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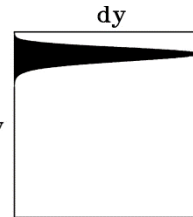
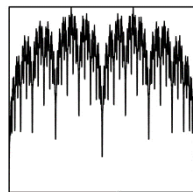
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(Puentes, 2019d)

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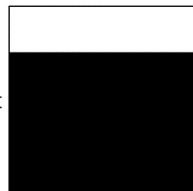
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- The following song help us appreciate a bit more the limiting *positive* and *unitive* case.

**O kingdom of 9's**

*(Puente, 2019a)*

**1 = 0.999...**

**O kingdom of 9's  
longing to arrive  
with plentiful love:  
unity in sight.**

**O kingdom of 9's  
longing to arrive  
filling up space  
with glorious light.**

O convergence  
in beloved encounters,  
o supreme coincidence  
in divine symbols.

O convergence  
that heals all wounds,  
o supreme coincidence  
that embellishes life.

**1 = 0.999...**

**O kingdom of 9's  
longing to arrive  
with plentiful love:  
unity in sight.**

**O kingdom of 9's  
longing to arrive  
filling up space  
with glorious light.**

O convergence  
in the star and the rose,  
o supreme coincidence  
in the generous spiral.

O convergence  
that grows saintly faith,  
o supreme coincidence  
that satisfies all thirst.

**1 = 0.999...**

**O kingdom of 9's  
longing to arrive  
with plentiful love:  
unity in sight.**

**O kingdom of 9's  
longing to arrive  
filling up space  
with glorious light.**

A day is arriving  
with powerful voice.  
**Here come the 9's  
helping us to grow.**

O heaven spreads  
its truth all along.  
**Here come the 9's  
weaving a whole song.**

**1 = 0.999...**

O come down the tree,  
it is the best choice.  
**Here come the 9's  
helping us to grow.**

For there is solution,  
the bell gives a gong.  
**Here come the 9's  
weaving a whole song.**

O listen my friend  
in love let's rejoice.  
**Here come the 9's  
helping us to grow.**

O love everybody  
in truth, we all belong.  
**Here come the 9's  
weaving a whole song.**

**1 = 0.999...**

**O kingdom of 9's  
longing to arrive  
with plentiful love:  
unity in sight.**

**O kingdom of 9's  
longing to arrive  
filling up space  
with glorious light.**

So that the mind gets it  
**to love and love and love,**  
to become really positive  
**to love and love and love.**

So that the mouth sings it  
**to love and love and love,**  
to walk the simple way  
**to love and love and love.**



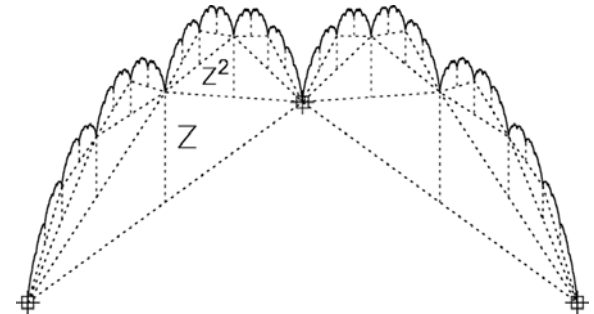
So that the heart feels it  
**to love and love and love,**  
to dream a good day ahead  
**to love and love and love.**

So that goodness reigns  
**to love and love and love,**  
to arrive to the origin  
**to love and love and love.**

**O kingdom of 9's  
longing to arrive  
with plentiful love:  
unity in sight.**

**O kingdom of 9's  
longing to arrive  
filling up space  
with glorious light.**

*(October 2003)*



$$1 = 0.999\dots$$

**a cappella in Spanish**

*...Well, here we reiterated the invitation to love in the essential freedom of life without death, as granted by Jesus Christ.*

*In our next encounter we shall see an original symbolic translation of the celebrated passage of the Vine and the branches (Jn 15:1-10) that gives rise to other lovely surprises.*

*Until next time...*

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