

THE BELL'S CENTRAL PLEA

Carlos E. Puente

Department of Land, Air and Water Resources

University of California, Davis

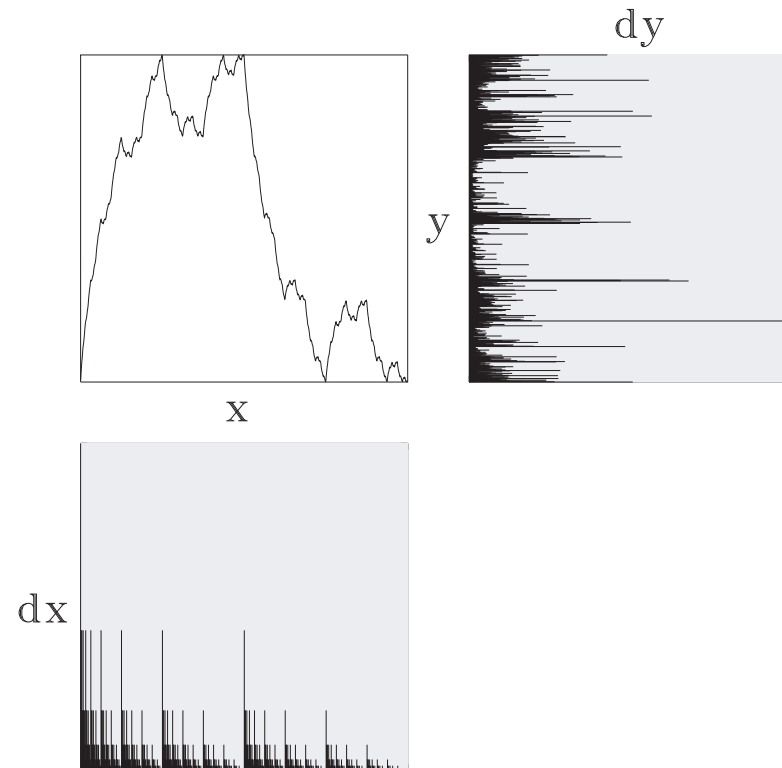
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Outline

- *Illustrates key Biblical events as “transitions” from disorder to order, including the fall.*
- *Recalls images of ultimate love, including the Holy Trinity.*
- *Identifies “mountains” as symbolic of the Devil’s incomplete imitations of God.*
- *Recalls that divine love ought to be accepted in its plenitude.*
- *Shows that only surrendering to the positive cross leads us to peace and joy.*
- *Shares the joy of the Psalmist regarding God’s ever-present designs.*
- *Explains ultimate freedom in Jesus Christ.*

Symbols from Fractal Wires

Iterating two linear maps



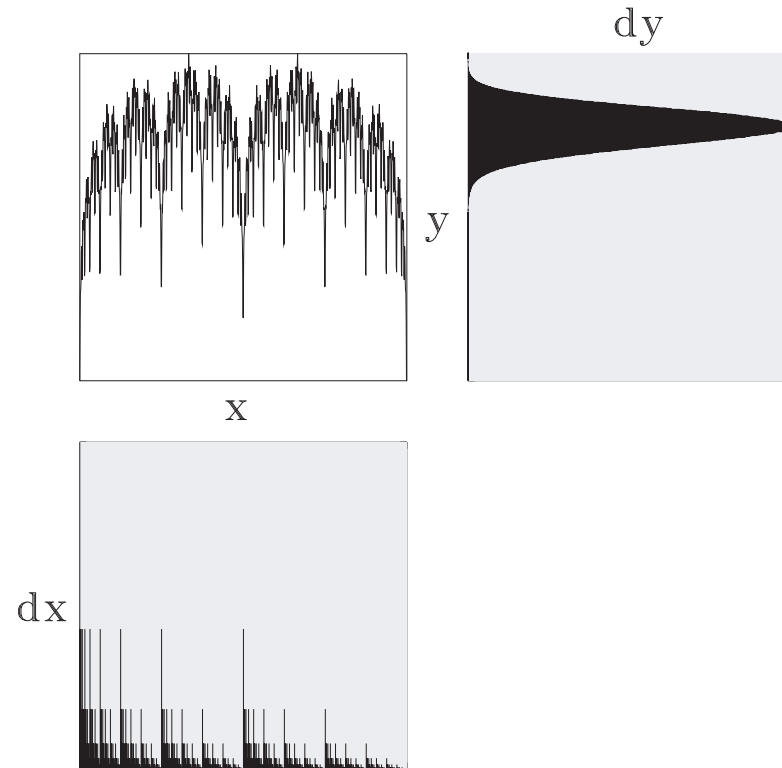
A *wire* transforms dx into dy

A Platonic approach to natural complexity

Always **Gaussians** if $D \rightarrow 2$

A Powerful Transformation

Forever positive



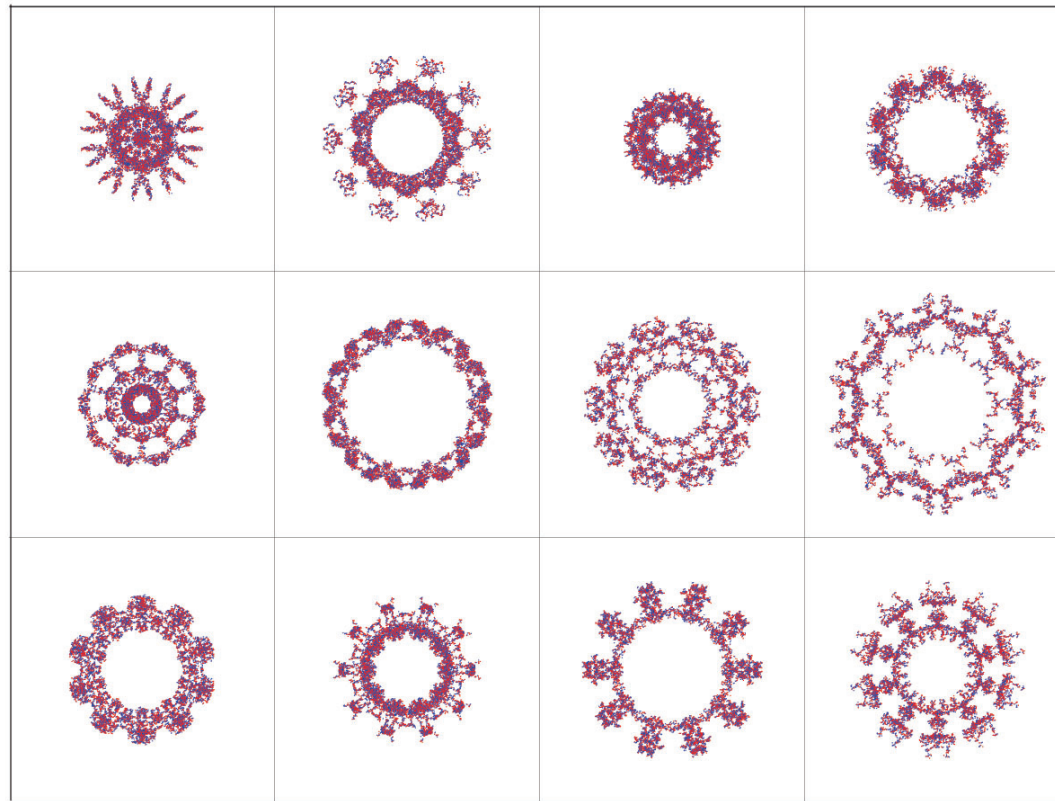
A bell centered at **infinity** and with no entropy

A universal transformation from disorder to **harmony**

A rather central limit theorem

Exotic Beauty in the Limit

Via three-dimensional space-filling wires

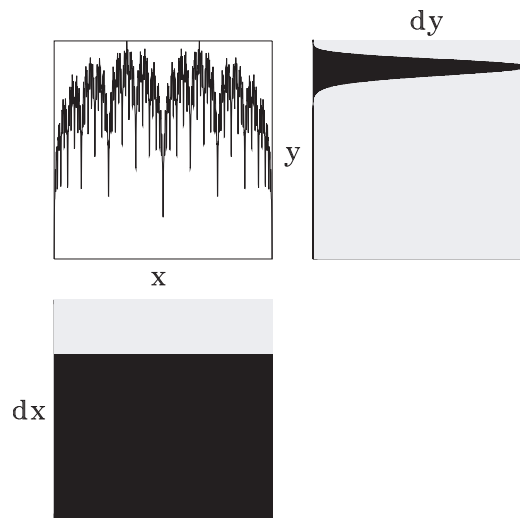


Patterns of nature inside the bell via binary expansion of π

The following quotes identify transformations and the bell with **Images of Plenitude**:

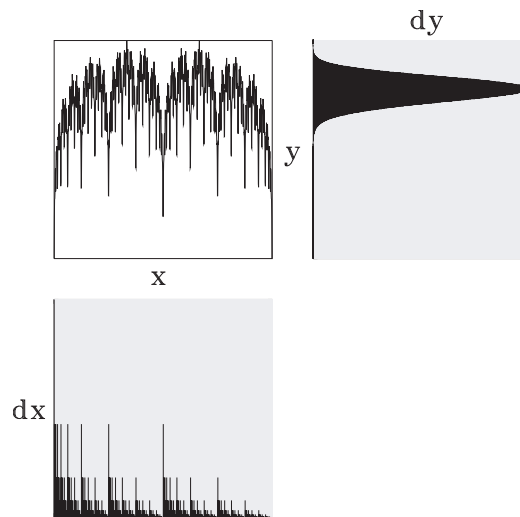
- As described in the book of Genesis, “In the beginning, when God created heaven and earth, the earth was a formless wasteland, and darkness covered the abyss, while a mighty *wind* swept over the waters” (Gn 1:1-2).
- Then, it is sensible to portray the creation event, and others, e.g., light (Gn 1:3), 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 *more organized* states, via suitable *infinite space-filling* wires.
- As the resulting outcomes may have finite or infinite means, these alternative scenarios may be used to denote the “*creation of the perishable,*” i.e., cases $+-$ and $--$ for all parameters, and the “*creation of the eternal,*” i.e., case $++$ in its limiting bell. (!)
- 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 is associated with the $++$ bell.

- 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). (!)
- The limiting ++ diagram from a *uniform texture*, may be used to visualize the **Holy Trinity: God the Father** enthroned in *heaven*, *dy*, **Jesus** the *sinless* son, *dx*, and the **Holy Spirit** as the *space-filling transformation*, proceeding from both of them. (!)



- 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). (!)

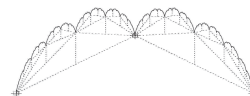
- Very fittingly, one may also appreciate in the diagram Jesus' baptism, with **Spirit** and **fire** (Mt 3:11), *living water* (Jn 7:38), and the same *power* that allows His disciples to perform miracles in His name (e.g., Jn 15:7).
- For on the same ever **positive** case, even if from multi-fractals, one may visualize *Elijah's ascension* (2 Kgs 2:11), the dogma of *Mary's assumption into heaven*, the *Church's rapture* (1 Thes 4:16-17), and Jesus' own gift of the **Eucharist** (Mt 26:26-28):



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

The following passages describe our choices, either **Shades of Death or Shadows of Love**:

- 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 mood*” we may have in our lives.
- This yields, as before, a **twofold** response, as expressed in “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. “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).
- 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). (!)
- For 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 ++. (!)



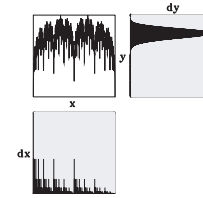
The following reflections pertain to **Clouds vs. Mountains**:

- While the infinite bell from a *cloud* further represents *God's eternal invitation* for us to surrender, e.g., “So be *perfect*, just as your heavenly Father is *perfect*” (Mt 5:48), the cases containing a *negative* sign and yielding *mountains* allow us to see how “The one who *doubts* is like a *wave* of the sea that is driven and tossed away by the *wind*” (Jas 1:6). (!)
- As infinity is our essence, *finite mountains* represent (and even their limiting bells) *incomplete imitations* of the evil one (Rv 12:9), obstacles for us to overcome (Zec 4:6-7). (!)
- For trusting **infinity** is indeed crucial, for Jesus said “ ‘Amen, I say to you, all sins and all blasphemies that people utter will be forgiven them. But whoever blasphemes against the **Holy Spirit** will never have forgiveness, but is guilty of an everlasting sin’ ” (Mk 3:28-29), and also “If you do not believe that **I AM**, you will die on your sins” (Jn 8:24).
- For as Jesus 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. Whatever you ask for in prayer with **faith**, you will receive” (Mt 21:21-22, Mt 17:19-20). For in fullness, the devil can only strike at our heels while we bruise him at his head (Gn 3:15). (!)

The following quotes reflect **God's Way: Faith and the Law**:

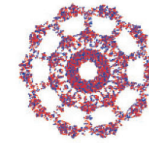
- As may be appreciated in “You shall love the Lord your God with **all** your heart, with **all** your soul, with **all** your mind, and with **all** your strength” (Mk 12:30), Jesus summons us to the *plenitude of dimension*. (!)
- This is consistent with “When you look for me, you will find me. Yes, when you seek me with **all your heart**, you will find me with you, says the Lord, and I will change your lot” (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).
- 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 Him the **Rock** (Mt 7:24-27), for “Unless our *faith is firm*, we shall not be *firm*” (Is 7:9).
- For as seen in the transition from a *uniform* texture to the ++ *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).
- 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).
- 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 *spiky* and *dusty dx* is **raised** through Him into *infinity*. (!)
- “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*. (!)
- 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 following passages qualify **The Eternal Transformation**:

- In the transition from a broken dx to the ever positive bell we may see, “*Bitterness* transformed into *peace*” (Is 38:17), the transition from “*mourning* into *joy*” (Jer 31:13), and the exchange of *death* to *life* and *peace* (Rom 8:6).
- “For if we **believe** that Jesus died and rose, so too will God, through Jesus, bring with him those who have fallen asleep” (1 Thes 4:14). For “Upon him was the chastisement that makes us **whole**, by his stripes we were **healed**” (Is 53:5).
- For as Jesus said, “ ‘If your *whole* body is **full of light**, and no part of it is in *darkness*, then it will be as full of *light* as a lamp illuminating you with its brightness’ ” (Lk 11:36).
- Henceforth shines God’s invitation, “Do not conform yourself to this age but be **transformed** by the renewal of your mind, that you may discern what is the will of God, what is good and pleasing and perfect” (Rom 12:2, Eph 4:22-24). (!)
- For salvation comes only through Jesus’ **cross**, the very simple +. For “We know that our *old self* was *crucified* with him, so that our sinful body might be done away with, that we might no longer be in *slavery of sin*” (Rom 6:6).



The following citations pertain to the bell's **Hidden Treasures**:

- Admiring the beauty and variety of patterns inside circular bells we certainly may exult with the Psalmist, “How *precious* to me are your **designs**, O God; how *vast* the *sum* of them!” (Ps 139:17), “**Great** are the works of the Lord, to be treasured for all their delights. *Majestic* and *glorious* is your work, your wise *design* endures *forever*” (Ps 111:2-3). (!)
- These lovely sets further let us appreciate that “*God’s grandeur is beyond understanding*” (Ps 145:3, Is 40:28) and such point us to the higher dimensions of our **awesome God**.
- For “The heavens declare the glory of God; the sky proclaims its builder’s craft. One day to the next convey the message; one night to the next imparts that knowledge. There is no word or sound; no voice is heard; yet their report goes forth through all the earth, their message to the ends of the world” (Ps 19:2-5).
- For in a rather glorious way, as in the simple wires, the “God of heaven reveals *deep* and *hidden* things and knows what is in the **darkness**, for the **light** dwells with him” (Dn 2:22).
- For through our *Advocate*, the **Holy Spirit**, God teaches us *everything*, i.e., *all truth* in Jesus Christ (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 loving bell calling us to true freedom. (!)

The following passages reflect **Freedom: The Central Limit**

- In the bell at infinity one may appreciate “the perfect law of *freedom*” (Jas 1:22-25), “*full redemption*” (Ps 130:7), “the *glorious freedom of the children of God*” (Rom 8:19-21).
- For as Jesus, the eternal **plus**, says, “If you *remain* in my *word*, you will truly be my disciples, and you will know the *truth*, and the truth will set you **free**” (Jn 8:31-32), for “A slave does not remain in a household forever, but a **son** always remains. So if a **son** *frees* you, then you will truly be *free*” (Jn 8:35-36).
- In the *space-filling* transformation one may further visualize God’s central gift. For “the *Lord is the Spirit, and where the Spirit of the Lord is there is freedom*” (2 Cor 3:17), for “we received a *Spirit of adoption* through which we cry, *Abba, Father!*” (Rom 8:15).
- As we walk towards the *glorious limit*, as z tends to 1 and we grow more 9’s, love expels all fear (1 Jn 4:18), we see “face to face,” and our knowledge becomes complete (1 Cor 13:12).
- For inside the precious 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). (!)

- As the bell appears *universally* irrespective of the musings of chance and regardless of our 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).
- For quite vividly we may appreciate that “*God’s way is unerring*” and that “*the Lord’s promise is tried and true*” (Ps 18:31).
- As the bell is reached only in *trust* and in *freedom*, it needs to be fulfilled in our daily lives. This leads to our *happiness* via the *central limit theorem*, steadily “adding up” our commitment to love via a *virtuous life*. (!)
- For Jesus reminds us “Beware that your hearts do not become drowsy from carousing and drunkenness and the *anxieties* of daily life” (Lk 21:34) and “*Do not worry* about tomorrow; tomorrow will take care of itself. Sufficient **for a day** it its own evil” (Mt 6:34). (!)
- For *plenitude* is found in God’s call, “*Rejoice always. Pray without ceasing. In all circumstances give thanks, for this is the will of God for you in Christ Jesus*” (1 Thes 5:16-18).
- The following poem-song help us appreciate the limiting positive case that yields *unity*.

OH KINGDOM OF 9's

1 = 0.999...

Unity is made of many 9's ...

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

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

Oh convergence
in beloved encounters,
oh supreme coincidence
in divine symbols.

Oh convergence
that heals all wounds,
oh supreme coincidence
that embellishes life.

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

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

Oh convergence
in the star and the rose,
oh supreme coincidence
in the generous spiral.

Oh convergence
that grows saintly faith,
oh supreme coincidence
that satisfies all thirst.

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

**Oh 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.**

Oh heaven spreads
its truth all along.

**Here come the 9's
weaving a whole song.**

Oh 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.**

Oh listen my friend
in love let's rejoice.

**Here come the 9's
helping us to grow.**

Oh love everybody
in truth, we all belong.

**Here come the 9's
weaving a whole song.**

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

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

So that the mind gets it
to ♡ and ♡ and ♡,
to become really positive
to ♡ and ♡ and ♡,
so that the mouth sings it
to ♡ and ♡ and ♡,
to walk the simple way
to ♡ and ♡ and ♡,
so that the heart feels it
to ♡ and ♡ and ♡,
to dream a good day ahead
to ♡ and ♡ and ♡,
so that goodness reigns
to ♡ and ♡ and ♡,
to arrive to the origin,
to ♡ and ♡ and ♡.

*Unity contains
great many 9's: infinite ♡ (!)*

References:

1. *New American Bible, Saint Joseph Edition*, Catholic Book Publishing Co., 1992.
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3. C. E. Puente, “DNA, π and the Bell,” *Complexity* 6(2):16, 2000.
4. C. E. Puente, *Treasures inside the Bell*, World Scientific, 2003.