Angel Theory's M-Systems

M-System 15. Angel POP & The E-TOE.

By Nick Ray Ball 18th August 2017

Angel POP creates symmetries between prime investment opportunities and opportunities that would be considered economically unviable (an abject network). And it restricts the growth of the network so that for every prime network created, there must also be an abject network.

That's Angel POP. We continue with a full description of Angel POP and what happens when the butterfly effect meets String and M-Theory, including a summary of the POP and String Theory M-Systems 0, 3, 4, 5, 6, 9, & 15. Plus, some more special projects and a glimpse at the original Spartan Theory.

7 Chapters in 12,660 Words

Version 1.01

Angel POP & String Theory (2012 to 2017)

Angel POP is a special project all to itself that enables all other special projects. It is the magic source that underpins the S-World and Angel City 5 global network ambitions, first described in 2012 in Chapter 7 of American Butterfly Book 3, 'The Network on a String.'

http://americanbutterfly.org/pt3/the-network-on-a-string/angel-pop-global-benefits

'The Network on a String' was the 3rd instalment of American Butterfly that added elements of string theory to the previous chaos and quantum theory influenced book 2. 'Spiritually Inspired Software.'

String Theory is the idea that every particle is created by a tiny vibrating string and that the universe is its orchestra, a very compelling vision.
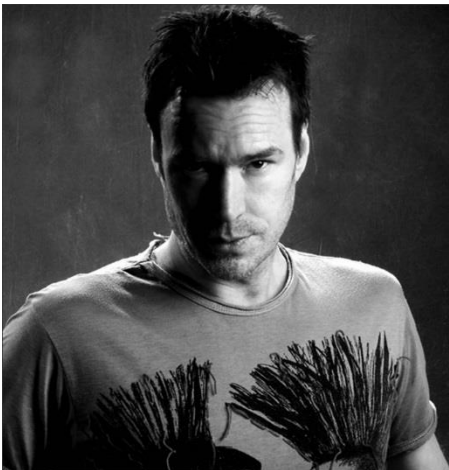
If String Theory is the music, can M-Systems be the song?

In 1994 Professor Edward Witten and Paul Townsend presented a multi universal upgrade to string theory called M-Theory, which has since been described by professor Hawking so;

"Ever since Newton and especially since Einstein, the goal of physics has been to find a unified Theory of Everything.

M-Theory is the only candidate for a complete theory of the universe.

M-Theory is the unified theory Einstein was hoping to find."

By Professor Hawking

Hawking on M-Theory

"M-Theory is the only candidate for a complete theory of the universe."

One problem with string theory is that the 'strings' are so small we just can't see them. In terms of scale, in comparison to the size of a string, each of us is the size of an entire universe. And because of this in physics, despite string theory's 49 years of intense and exhaustive study, it is experimentally unproven.

However, as a branch of pure mathematics, it is, without doubt, the most fiendishly clever and economical mathematics ever created, as when you work in string or m-theory you are effectively working in both quantum mechanics and general relativity at the same time.

Albert Einstein

"Pure mathematics is the poetry of logical ideas."

As Einstein once said, 'Pure mathematics is, in its way, the poetry of logical ideas.' And whilst mathematicians often pride themselves at being the most impractical of all scientists; where the more abstract and useless the mathematics, the better. Often, pure mathematics finds its way to a practice purpose in the end.

In this book, Angel Theory.org suggests that chaos theory, quantum mechanics, relativity, string and m-theory can be simulated and applied to business science and economics; and that M-Systems is a good m-theory influenced economic framework which also complies with Nobel Laureate and father of the quantum theory Niels Bohr prerequisite for a theory of everything.
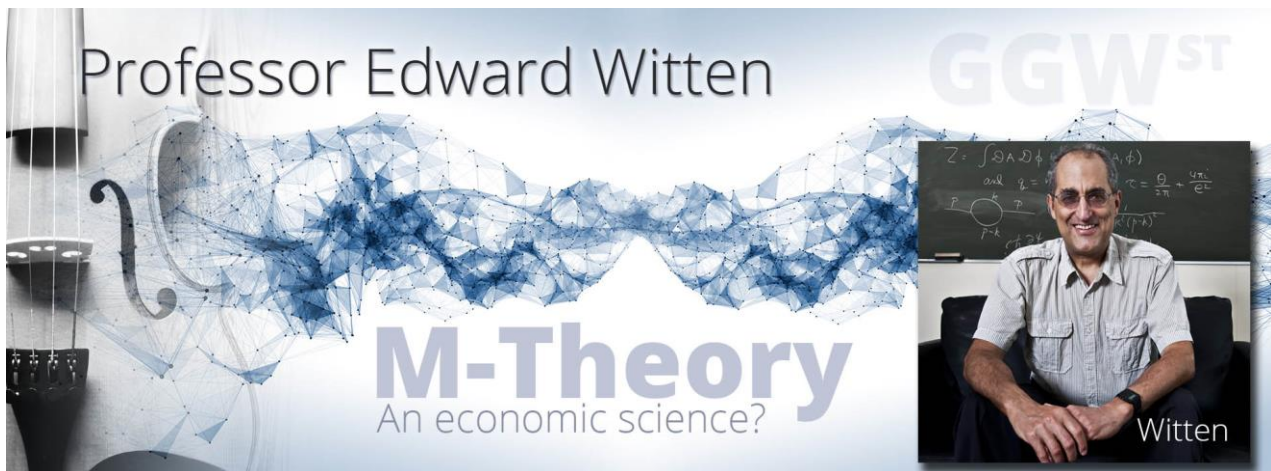
"*Such a theory must be crazy and absurd enough to be true.*"

For a long time, the question: 'Can we consider M-Theory as an economic science?' has attached itself to Angel Theory's M-Systems.' Indeed, it has become a slogan.

"*M-Theory* an economic science?"

First written on the graphic below for the father of M-Theory, Professor Ed Witten.

"I feel that we are so close with string theory, that in my moments of greatest optimism I imagine that any day the final form of the theory might drop out of the sky and land in someone's lap."
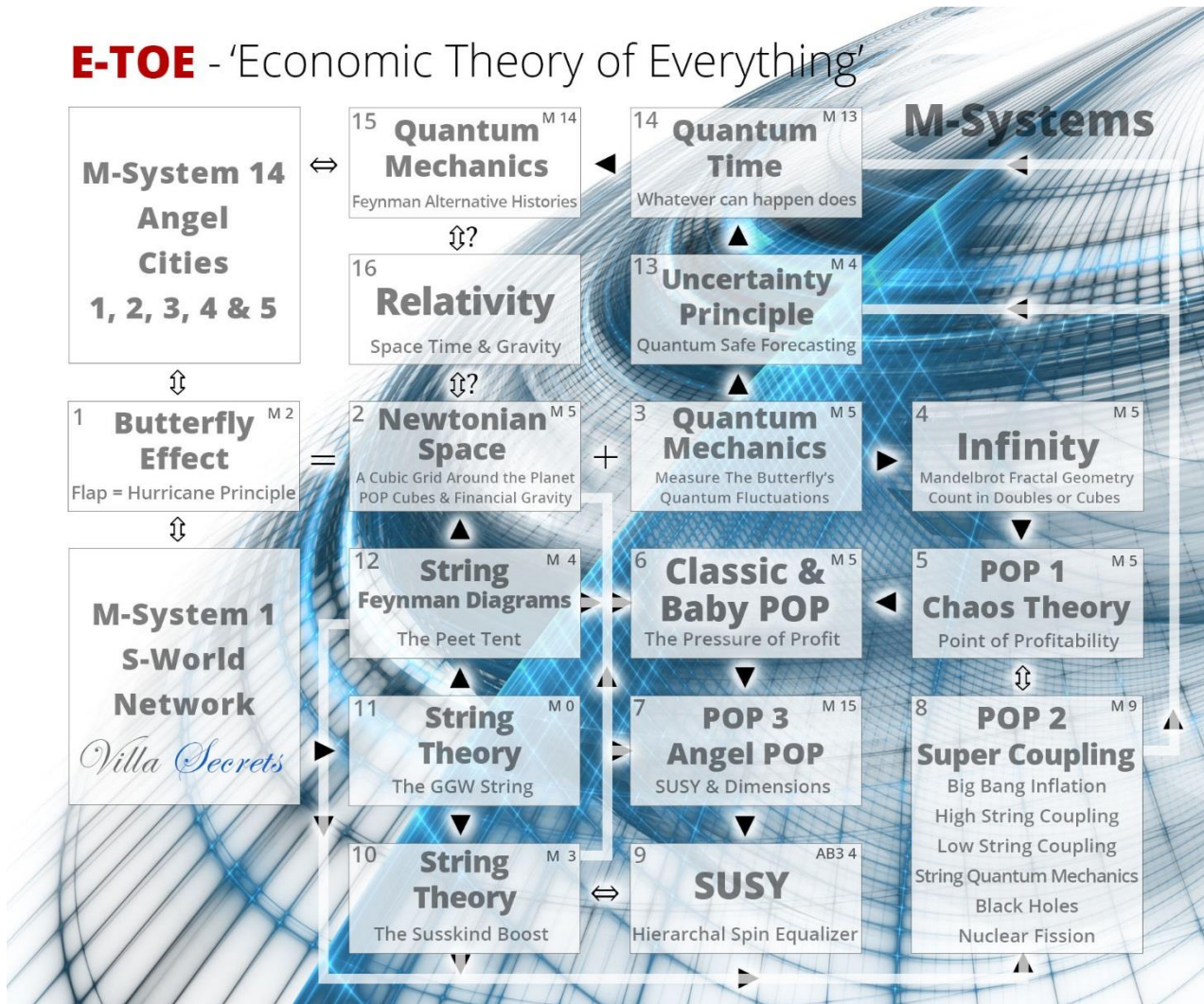
Professor Edward Witten
Father of M-Theory, Winner of the Fields Medal
Charles Simonyi Professor at Princeton University

5

To Professor Witten (Big Ed) and colleagues we say... Of course, this is the final form of the theory, but is it a form of the theory? Below we see the best system architecture created so far.

Note that this is the 'quantum data' sent back in time to create S-World UCS in the Angel City 5 movie framework.

M-Systems POP System Architecture

E-TOE - 'Economic Theory of Everything'

M-System 14 Angel Cities 1, 2, 3, 4 & 5		15 **Quantum Mechanics** M14 Feynman Alternative Histories	14 **Quantum Time** M13 Whatever can happen does	**M-Systems**
		16 **Relativity** Space Time & Gravity	13 **Uncertainty Principle** M4 Quantum Safe Forecasting	
1 **Butterfly Effect** M2 Flap = Hurricane Principle		2 **Newtonian Space** M5 A Cubic Grid Around the Planet POP Cubes & Financial Gravity	3 **Quantum Mechanics** M5 Measure The Butterfly's Quantum Fluctuations	4 **Infinity** M5 Mandelbrot Fractal Geometry Count in Doubles or Cubes
M-System 1 S-World Network *Villa Secrets*		12 **String** Feynman Diagrams M4 The Peet Tent	6 **Classic & Baby POP** M5 The Pressure of Profit	5 **POP 1 Chaos Theory** M5 Point of Profitability
		11 **String Theory** M0 The GGW String	7 **POP 3 Angel POP** M15 SUSY & Dimensions	8 **POP 2 Super Coupling** M9 Big Bang Inflation High String Coupling Low String Coupling String Quantum Mechanics Black Holes Nuclear Fission
		10 **String Theory** M3 The Susskind Boost	9 **SUSY** AB3 4 Hierarchal Spin Equalizer	

M-Systems an Economic Theory of Everything

Later we shall look at each system individually, but first, we need to look at the Angel POP system and vision.

Angel POP Principle

As we heard in the introduction:

'Angel POP creates symmetries between prime investment opportunities and opportunities that without the Angel POP framework would be considered economically unviable (an abject network). And it restricts the growth of the network so that for every prime network created, there must also be an abject network.'

Angel POP is a special project all to itself which enables all other special projects; when we create a grand network in a location of abject poverty, we are creating the special project in that area and because of this…

"Grand Networks in areas of Abject Poverty are Special Projects'
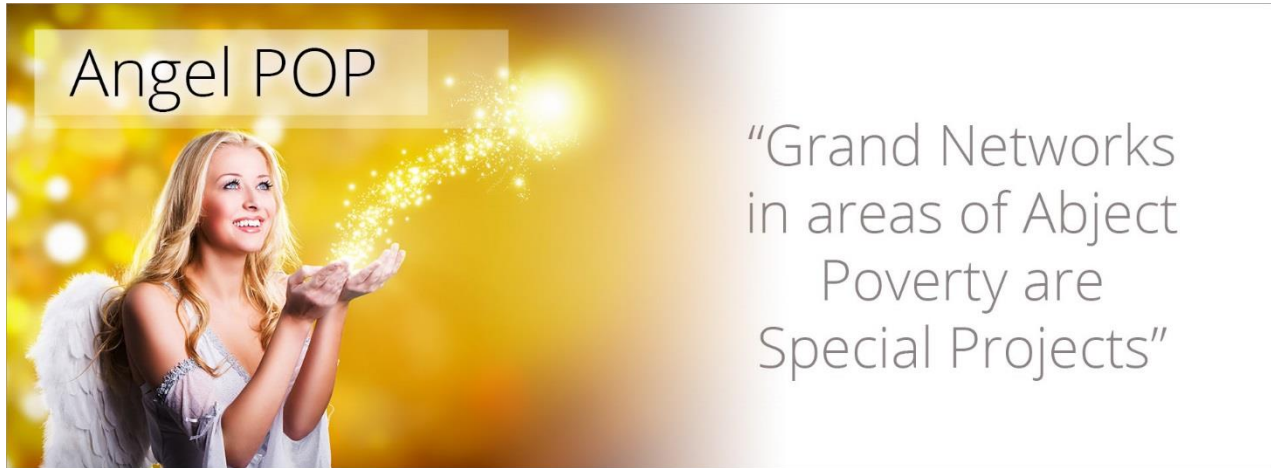
Further…

"As virtual and grand networks in prime locations support networks in abject locations, all networks and all companies finance special projects."

Note: Remove the period on the image above.

We are creating a system where everyone who works within, be it a film star, a rocket scientist, a domestic helper, a construction worker or a teacher; no matter their location, all contribute to the special projects and making the utopian Angel City 5 vison for us in 2080 a reality.

Because of Angel POP, we turn a set of capitalist businesses into what may well be the most progressive charity project on the planet. A point that we shall present to the Bill and Melinda

Gates foundation, as in many ways their model inspired this model; and Facebook founder Dustin Moskovitz's www.openphilanthropy.org who asks, 'How can we accomplish as much good as possible?'


Angel Theory & M-Systems have been created specifically to answer this question.

M-Systems 15 – Angel POP – Original Principle

The original Angel POP principle was written in D14 (14 cubic dimensions) extreme macroeconomics within American Butterfly.org and demanded 32,768 different grand or super grand networks, spread evenly across the world. This figure was primarily based on the number of medical facilities and operation centres needed so that everyone on the planet was close to a medical facility, and that each operation centre could locally create economic opportunities.
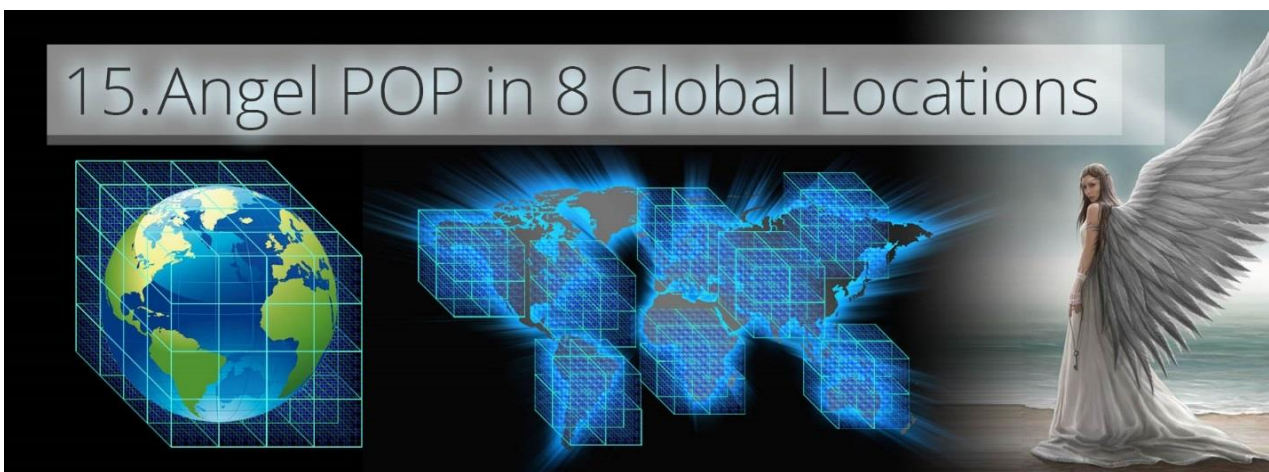
The network would be created over many decades via companies in the network and their POP investments. Which create a train of profit that gets more powerful over time, creating more and more grand networks at an exponential rate.

5. POP Train

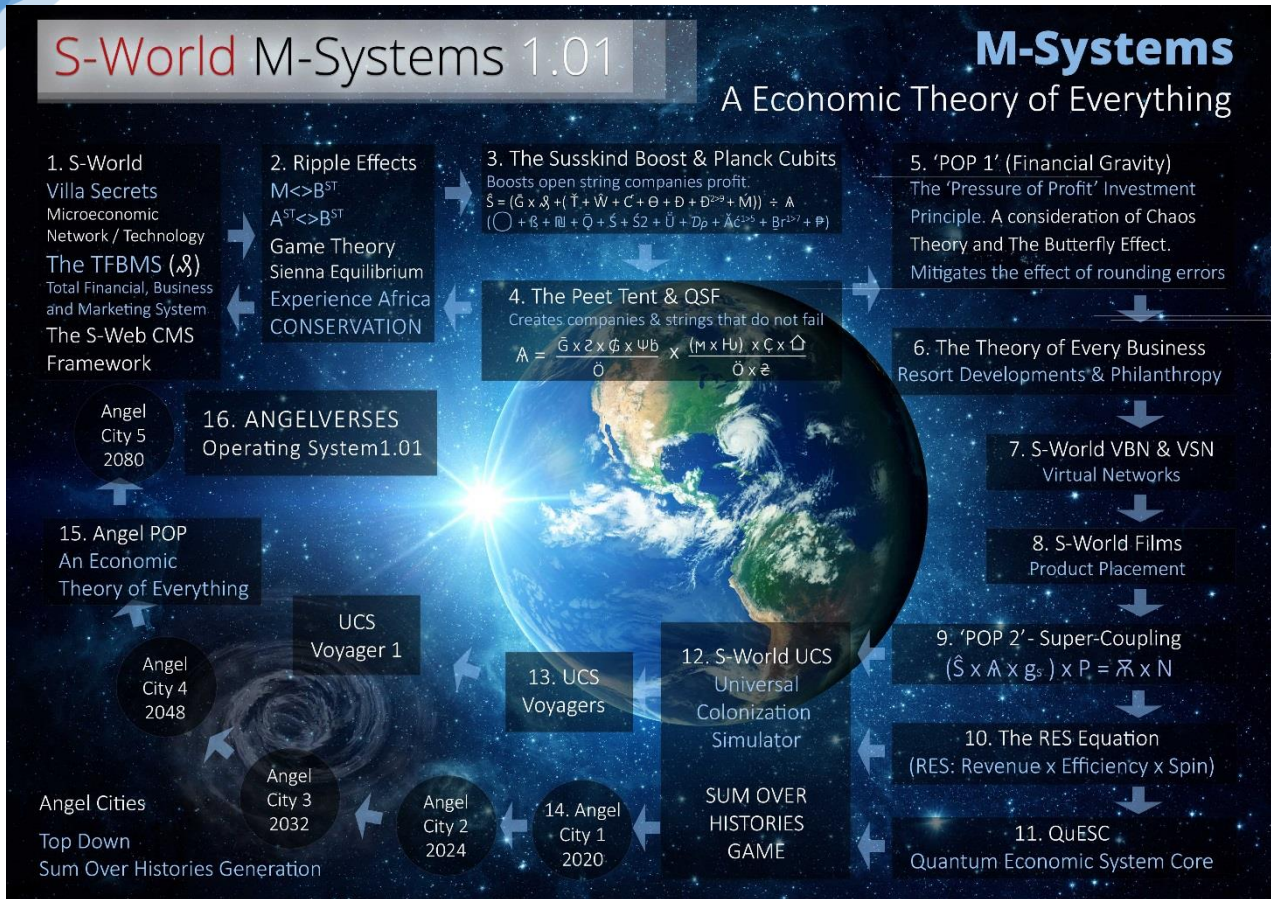The POP Train
The Pressure of Profit
Investment System
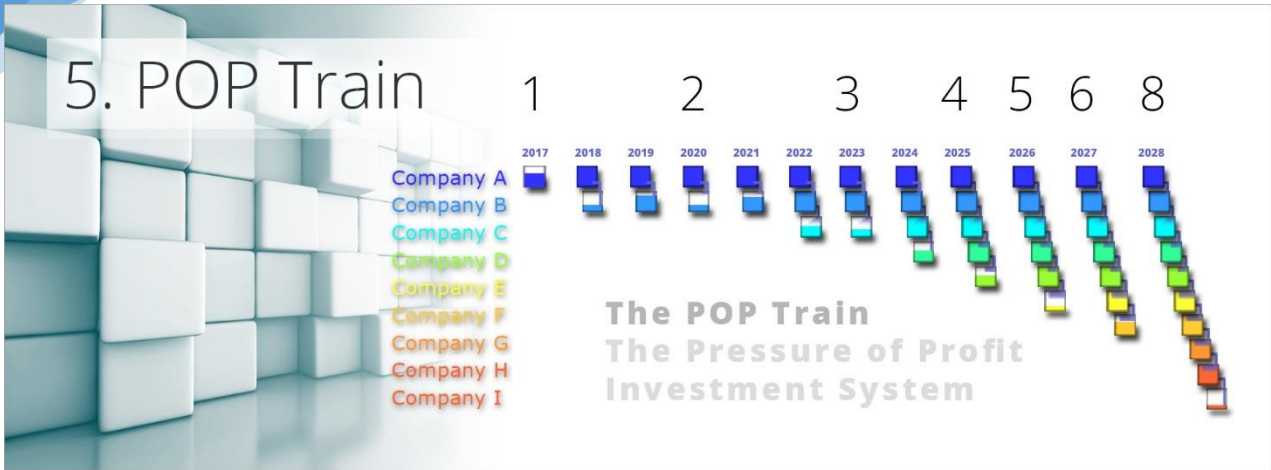
Note that above, the numbers represent the number of grand networks completed; and that in the final year presented two grand networks were completed, hence it skips number 7, which is the point of a POP train. The more companies in the train the faster new networks or companies are created exponentially.

This system is the exact opposite of a pyramid scheme, as where a pyramid scheme does not make anything, S-World Networks make everything and is a theory of every business; continually budding into new small owner-led companies, made super-competitive due to the systems and the gravity of the network.

Instead of a pyramid, we have a cube; and within a circular butterfly effect, as at the end of the journey, we start again from the beginning but with greater force, as is seen in the following system design.

S-World M-Systems 1.01

M-Systems
A Economic Theory of Everything

1. S-World
Villa Secrets
Microeconomic
Network / Technology
The TFBMS (𝔛)
Total Financial, Business
and Marketing System
The S-Web CMS
Framework

2. Ripple Effects
M<>B^ST
A^ST<>B^ST
Game Theory
Sienna Equilibrium
Experience Africa
CONSERVATION

3. The Susskind Boost & Planck Cubits
Boosts open string companies profit:

$$Ŝ = (Ǧ × 𝔛 + (T̄ + W̄ + Ć + Θ + Đ + Đ^{2>9} + M̄)) ÷ Å$$
$$(◯ + ß + ℝ + Q̄ + Ś + Ś2 + Ü + D_p + Äć^{1>5} + Br^{1>7} + ₱)$$

5. 'POP 1' (Financial Gravity)
The 'Pressure of Profit' Investment
Principle. A consideration of Chaos
Theory and The Butterfly Effect.
Mitigates the effect of rounding errors

4. The Peet Tent & QSF
Creates companies & strings that do not fail

$$Å = \frac{Ǧ × 2 × Ȼ × Ψb}{Ö} × \frac{(M × Hʊ) × Ȼ × ⌂}{Ö × ẑ}$$

6. The Theory of Every Business
Resort Developments & Philanthropy

7. S-World VBN & VSN
Virtual Networks

8. S-World Films
Product Placement

9. 'POP 2'- Super-Coupling
$$(Ŝ × Å × g_s) × P_. = 𝔛 × N$$

10. The RES Equation
(RES: Revenue x Efficiency x Spin)

11. QuESC
Quantum Economic System Core

12. S-World UCS
Universal
Colonization
Simulator

SUM OVER
HISTORIES
GAME

13. UCS
Voyagers

14. Angel
City 1
2020

Angel
City 2
2024

Angel
City 3
2032

Angel
City 4
2048

UCS
Voyager 1

Angel
City 5
2080

16. ANGELVERSES
Operating System1.01

15. Angel POP
An Economic
Theory of Everything

Angel Cities
Top Down
Sum Over Histories Generation

Note: On the upper right side of the image above, "M Systems" should be "M-Systems"
On the lower left side of the image above, "Sum over Histories" should be "Sum Over Histories"

If the POP investment is made per the train method, eventually every network that was planned would be created. And because of the extreme amount of POP investment in later years when the system is massive; when one has 75% of the network created, the last 25% will be created faster than the first 25%, even though the locations are likely to be previously in abject poverty; and when one has 90% of the network created, the last 10% (which would normally be the least economically desirable locations) will be created very quickly.

And the very least desirable locations making up the last 1% would be created in no time at all, with 99% of all the other networks focusing their combined POP investments into fuelling them.

Angel POP

Many of these final networks may be made profitable simply by buying resources or even stocks that return a good dividend. Due to this idiosyncrasy, the last companies in an Angel POP dimensional cube will end up being some of the most successful networks.

That's *Angel POP!*

From the first principle, the simple idea that if the S-World network is successful, then even the most undesirable economic locations become desirable due to their predetermined eventual success. If the S-World Network becomes massive, all locations designated as networks will be a success.

Later in this chapter, we shall see how by creating cubic dimensions, we create this effect one step at a time. But for now, let's look at the basic math of how by 2080 we can reach that target of 32,768 different virtual, grand, or super grand networks spread evenly across the world.

And remember this figure was primarily based on the number of medical facilities…

And operation centres needed so that everyone on the planet was close to a medical facility, and that each operation centre could locally create economic opportunities.

Economic Operation Centers

By building this network to the scale suggested, all 16 special projects from 'Advancing Human Potential' to 'Spartan Contracts' to 'Universal Knowledge' are created within each grand network.

Special Project 3. Advancing Human Potential

12. Advancing Human Potential

Special Project 8. Universal Knowledge

8. Universal Knowledge

Special Project 9. Spartan Contracts

The complete set of projects provides the infrastructure to bring USA/European living conditions and economics to Africa and other locations in poverty. Thus, in theory, creating an environment where Africa and other locations do not spiral into mass overpopulation and alleviating poverty across the planet.

Now we look at that 2080 target of 32,768 different virtual, grand, or super grand networks spread evenly across the world. And see that all it takes during the first 32 years is one super-grand network started in each of the 8 continental networks every 4 years.

If Angel City 5 Special Projects are the 'Why,' *then Angel POP is the 'How!'*

The following implementation strategy is a good and reasonable starting point, for which we must work in 'Commander's Intent.'

Commander's Intent

"In the army, there's an old saying: 'No plan survives engagement with the enemy.'

No matter how carefully one plans for battle, running through every possible scenario of what might happen or what might go wrong, the reality on the field will inevitably be different. As a result, army leaders have adopted a style of leadership known as 'Commander's Intent.'

Commander's Intent is just that: a clear concise statement of the specific goal a commander is looking to achieve. Something like, 'Capture and hold that hill until reinforcements arrive."

From 'The Challenger Sale' by Matthew Dixon, Brent Adamson

Working in Commander's Intent greatly simplifies a momentous logistical challenge; as we no longer need to specify which networks will develop into physical networks, rather just lay out the intent or the objective and let the networks develop on their own assisted by all M-Systems, Ripple Effects, Angel Cities, and QuESC; creating the strings of opportunities back from Angel City 5 in 2080 to Angel City 1 in 2020, and then to 2017, adapting to circumstances and making winning scenarios on the fly.

In most cases, land permitting in economically rich locations, grand and super grand networks (physical property developments) are going to be created in locations where virtual (nonphysical) networks have already flourished. And, also, they can be created within cities.

But for locations in abject poverty, we strategically plan Angel POP grand and super-grand-networks as new resort-styled property developments.

Sticking with the 32,768 networks demanded by American Butterfly; instead of thinking of this in terms of 32,768 physical grand networks, only one network in 8 needs to be a physical network. The rest can be virtual networks (collections of business in a specific location). One just needs an operations centre and eventually a hospital.

So, creating a target of 4096 grand networks, which we evenly divided into 8 continental cubes, leaving 512 grand networks per continental network.
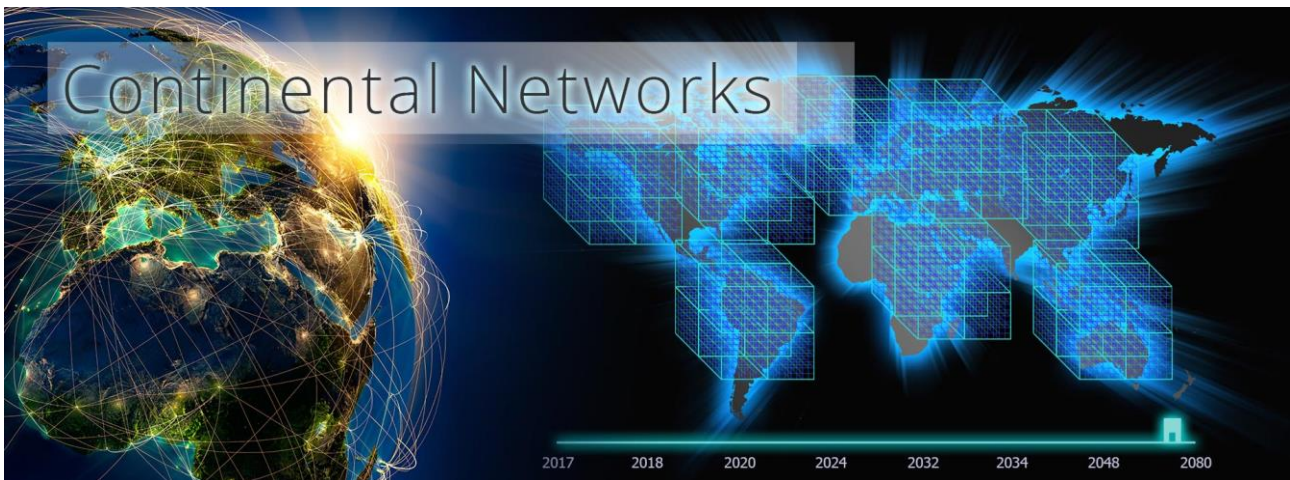
Next, we divide by 16 for the BabyPOP investment train. This point was the founding mathematics of American Butterfly and is explained in detail later. But in brief, each physical grand network would focus its POP investment into the creation of another physical grand network within its catchment zone. And once profitable, both networks 1 and 2 invest into network 3 and so on until there are 16 grand networks.

We have divided 32,768 virtual networks by 8 to create 4,096 physical grand networks. And then we divided these into 8 continental cubes leaving 512 physical networks per territory. Which we further divide by 16 due to the magic of BabyPOP, which leaves us with 32 grand networks over 64 years.

So, one every 2 years, or one network every 4 years for the first 32 years, and 1 every year thereafter.

15.Angel POP - Global Cube

In this format, starting with a target of 1 grand network started every 4 years in each of the 8 continental cubes, so long as BabyPOP holds, we can 'build them special projects…'

16

Super Grand Networks & Fort Malawi

M-System 6. The Theory of Every Business.

In M-System 6, we present 'the locations butterfly' which in turn presents many different location-enhancing exercises. This was originally first described in the Spring of 2012 within American Butterfly Book 1. 'The Theory of Every Business.' Chapter 4 http://americanbutterfly.org/pt1/the-theory-of-every-business/ch4-the-locations-butterfly)

Including Resort towns, economically planned with plenty of jobs; shopping malls, marinas & downtown areas; Super University Resort Hospitals, University towns with good schools, golf courses, lakes & botanical gardens; luxury housing and subsidized rentals, business centre, exhibition hall & conferencing; S-World virtual architecture & urban planning; Sports village & global leagues structures, rezoned land for an ecological improvement; powered by alternate energy, the Hollywood effect, and quite a story.

Summarising this plan to include all updates since 2012 would take quite some time as there are many components and many ripple effects, such as Special Project 7. Global Cooling; as we desire the network to be run from solar or similar power, and for each property sold to include a budget to buy electronic cars.

Because S-World was born in South Africa we of course appreciate the works of Elon Musk. It's almost like he is already working in Angel Theory, so similar is his vision. In SpaceX Musk is already creating a version of Special Project S-World UCS, the Universal Colonization System.

And in Tesla & Solar City, Musk's companies create electronic cars and solar panels, both of which are 'must-haves' for grand networks since 2012 and the 3rd chapter of American Butterfly http://americanbutterfly.org/pt1/the-theory-of-every-business/ch3-the-theory-of-just-a-little-bit-more-than-we-know-now.

Special Project 7. Global Cooling

For now, instead of going through the many 'location, location, location' exercises, we shall just highlight three.

1. 'Jobs, Jobs, Jobs'

The primary economic driver for any large development is jobs. The first grand networks will house many of the staff required to support Villa Secrets and all other S-World commercial projects; from call centres to marketing, research and development to IT, and SEO to S-World Films.

Added to which are the staff needed within the development itself; from teachers and professors to doctors and nurses, police, and firemen, to groundskeepers and domestics.

When deciding which big companies, Angelverse tier-one operating systems will consider job opportunities created, more on this in the next chapter.

Plus, for the first African development comes both the many academic positions required for Angel City 1 and many game rangers and support staff required for the Experience Africa Project.

Collectively creating thousands upon thousands of great jobs.

2. S-World UCS Virtual Networks

After 'many jobs and good ones,' maybe the single biggest attraction of grand networks is the long thought-out plan to make many aspects of the development in S-World VSN (Virtual Social Network), VBN (Virtual Business Network) & UCS (game-based systems).

At first, a map of the earth is created, and on which landowners or agents from individuals & realtors to companies & governments can upload plots of available land for sale. Then possibly in partnership with Will Wright's the SIMS & SIM-City we create an MMO (Massively Multiplayer Online) game within S-World UCS allowing anyone on the planet with an internet connection to create their own versions of how the development should be created; or they can create individual components such as golf courses, super university resort hospitals, or individual homes.
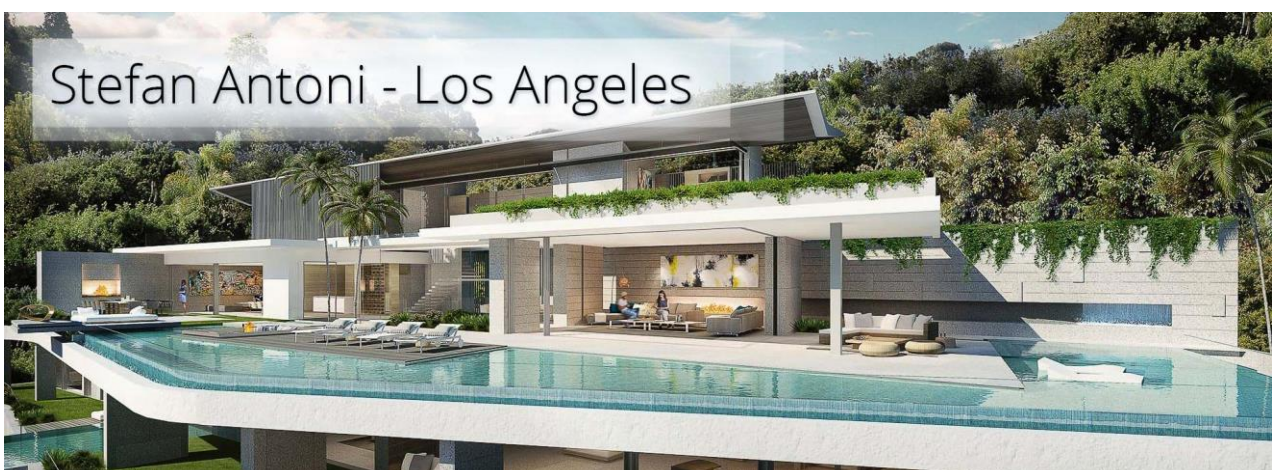
By working with architects like 'Stefan Antoni,' creating many individual elements that can be rendered and added together as simply as is seen in 'The SIMS,' but with superior rendering which can be professionally viewed by 3-D goggles, but can as easily be seen via cell phones; we create quite a game.

And per S-World's MO, a game with a big difference; and we add another unique and beneficial system because a significant twist and ripple effect… is that should the S-World UCS users' designs be used as a template for the grand-network or a subset thereof, or be chosen by a home buyer; they get paid a lot… as much as 3.125%, which on a $10million property is $312,500.

That's quite an incentive to play with what was already a very interesting game. And of course, buyers could design their own home from scratch or adapt existing designs.

Note for real estate companies, we are pushing for a 6.125% commission for Villa Secrets affiliate real estate agents, and that except for promotions… (such as a cost price villa for a major celebrity or public figure whose very ownership and presence increase the prestige of the development).

3. *Villa Secrets Network*
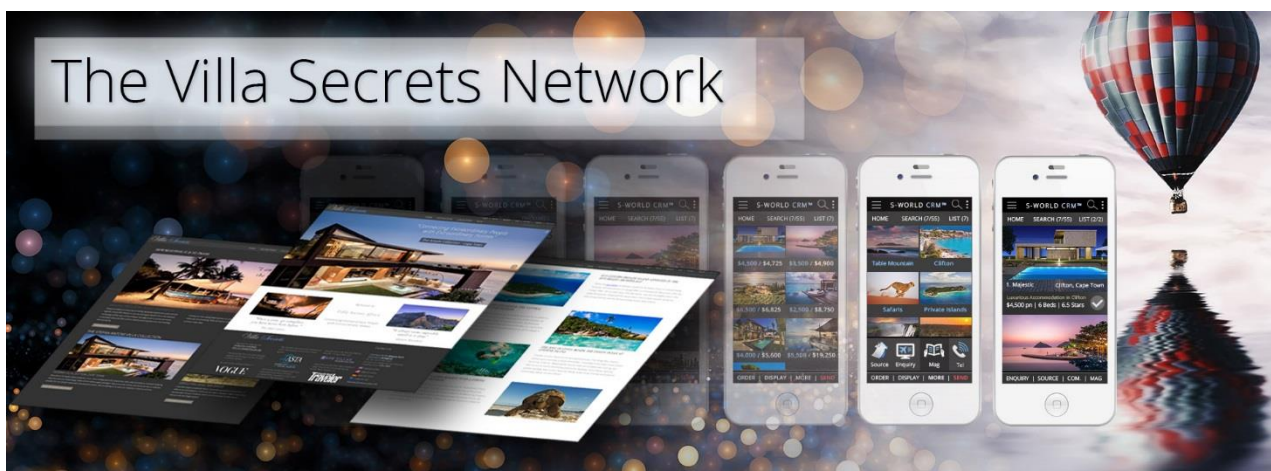
As M-System 1. S-World Villa Secrets grows, it adds increasingly more of the world's most connected realtors, performing real estate companies, vacation rental companies and luxury travel companies, and includes many villas, safaris, and private island owners; collectively seen on tens of thousands of high profile well-advertised websites. This creates the environment to market

20

and sell large-scale resort networks off-plan.

If M-System 1. Villa Secrets was co-owned and technically supported by the likes of the Chan Zuckerberg, Paul G Allen, & Bill and Melinda Gates foundations and has a super-grand-network underway; every high-end real estate company on the planet will wish to join its network.

Super Grand Network 1.
Experience Africa's *Fort Malawi*

The beauty of Angel POP is that it creates symmetries between prime investment opportunities and opportunities without the Angel POP framework would be considered economically undesirable. Where an economically desirable S-World virtual network (not a physical property development) opportunity such as Villa Secrets California is twinned with an undesirable economic opportunity such as a grand network (resort development) in a location in abject poverty.

Or we can twin 7 virtual networks such as Villa Secrets in the Western Cape, California, Hawaii, Mykonos, The Seychelles, St Barts & St Tropez area with a super-grand-network; and currently (albeit speculatively as we do not know about the land), we are working towards a titanic resort development that will be built over many decades in Malawi, Southern Africa.

We call this development 'Fort Malawi' as it also becomes the base of operations for the fight against the poachers per M-Systems 2 and Experience Africa.
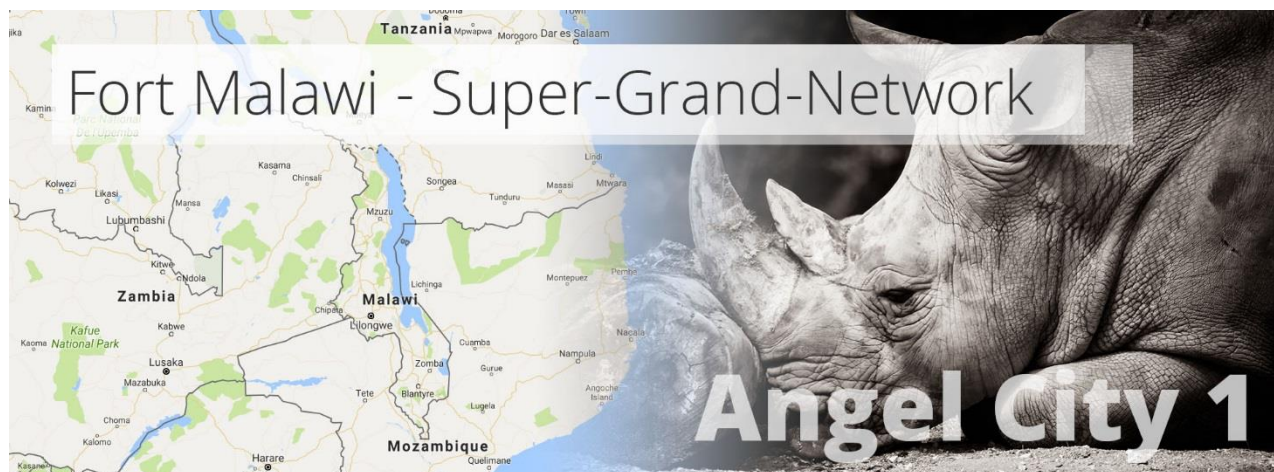
In addition, it would become the operation centre for Angel City 1 and serious consideration will be put into making it a network city where each country is given a small suburb.

In the case of African developments like the 'Fort Malawi' hypothesis, we would initially seek to gain a very large plot, maybe 100 square miles. In part, so we can build ecologically, so houses have acre-sized gardens and the development is mostly pockets of African Bush that will be repopulated with Elephants, Rhino, Cheetah, and other animals.

Experience Africa's - Fort Malawi

However, there is another reason for the large plot and that is economics. One needs to see the first phase as a loss leader of sorts, as the cost of the initial infrastructure and essential buildings such as the hospital, operation centre, university, marina, villas, airport are high.

But once the infrastructure and essential buildings are in place and concentrated within a 5 to 10 square mile radius, future phases become profitable. And by the 3rd or 4th phase, with the development fully underway, the unused land value, which would still be about 70 square miles, becomes much more valuable, as do the properties built within.

But as the land has already been bought and paid for, from this point on, Fort Malawi ceases to be a charitable exercise and emerges like a butterfly from a chrysalis into an economic powerhouse, and a very profitable exercise.

And the companies that originally invested, be it via POP or direct investment, will make significant returns.

Network Cities

Network Cities

Another mammoth boost for the first grand network is the idea that it can become the first 'Network City.' This is achieved by giving each country and some people without countries (256 in total) an evenly sized plot of land, about 100 Acres. And over time, countries will build embassies and small villages within the development, leading to a networking and trading hub/hubs of epic proportion.

The Fort Malawi Garrison

Lastly on Fort Malawi is 'The Fort Malawi Garrison,' which is an initiative to ask countries to assist in the fight against poaching via their military using non-lethal force. This point has the potential ripple effect of seeing countries with opposing ideologies band together to fight a common enemy; as everyone likes elephants and rhinos, and no one likes the poachers.

Above we see a British initiative to seize and destroy poached ivory. Below we see some very serious Russian soldiers in the field protecting the majestic elephants. Ideally, we would wish every county to get involved, a significant force from the US and other big powers and small units of special forces from smaller countries.

This initiative has the potential to begin 'The Spartan Theory,' the first of the special projects, circa April 2011. Now special project 15, which seeks to make peace via cooperation between fractious nations and indeed S-World UCS competition against each other. For instance, each Elephant, Rhino, and Cheetah has a points value; and their new shepherd's loose points if an animal is lost, and gain points if one is born; with variables for ease or hardness of the mission in support of Angel Theory special project 1 'Experience Africa.'

Brainstorming this special project and in terms of making it a UCS game, but also a Spartan Theory tool; I would say we should make teams of 4 countries per location, and choose a mix that will create a little tension that we hope will ease over time; in general, with one top 20 GDP country who can provide air power and 3 other countries joining the unit.

Special Project 15. *The Spartan Theory*

15. The Spartan Theory

Possibly in terms of incentivising the countries to contribute, we could say that the order of countries that pledge support is the same as the order of who chooses plots of land in Network City; and that the size of the plot is relative to a countries GDP and the amount of assistance they provide.

Nelson Mandela

"A winner is a dreamer who never gives up"

S-World Villa Secrets & POP

Now that we have demonstrated that the very creation of grand networks enables the special projects, we shall take look at how M-System 1's first S-World company 'Villa Secrets' provides the POP Investment income necessary to fund the first grand network.

Post American Butterfly circa 2012, there has been equal work applied to Villa Secrets as there has been to all of Angel Theory and M-Systems. This short presentation is but a glimpse of a very well-considered system as seen on network.villasecrets.com (email Secret@AngelTheory.org for a unique password to 'The Secret' menu).

The first Villa Secrets primary network opportunity is for Cape Town, with California and others in on their way. The cost of the opportunity is $167,772.16 (which is $0.01 x 8^8). However, the cost of creating the opportunity from scratch would be many millions of dollars, and because of this, we are confident that by 2020, it will be generating about 8 times the initial investment cost each year being: $1,342,177.28 (which is $0.01 x 8^9).

We create the POP point halfway at $671,088.64 which is equivalent to a 400% return on the initial investment. Once the primary network makes between $671,088.64 and $1,342,177.28 this income becomes POP investment. And note that after making $1,342,177.28, additional income is split 50% in profit share for the original investors and key staff and 50% for additional POP investment.

This creates the 'Give Half Back' principle, featured at the beginning of this story.

The Sienna Foundation's 'Give Half Back' (March 2011)

S-World 'GIVE HALF BACK' was the original 'spiritually inspired' philanthropic idea first described on www.S-World.biz in 2011. The key idea here is like the movie 'Pay it Forward,' but on a massive scale; a giant network that would make a huge profit, but half would be used to do great things.

S-World - Give Half Back

Their future
is in our hands

Note that Villa Secrets California and other virtual networks (nonphysical networks) in more affluent locations can return 10-fold this figure; as the marketplace is more than ten times greater, and that in each location we expect about ten times as many companies that are contained in the primary network opportunity. And with over 300 primary network locations already considered and thousands of other viable locations, S-World Villa Secrets can deliver significant POP Investment.

Villa Secrets POP Investment

However, one practicality of the network is that companies contributing to POP would wish to benefit from their investment. It is possible to simply say that in reaching the point where one is making enough profit to start contributing to POP, one will already have made a very successful business, and a 400% annual return is more than enough.

It is also reasonable to say that this money will enable charitable projects. And this can be seen as one doing one's fair share in combating the problems of today or tomorrow; and that in addition, one creates a lot of customer goodwill as POP is a stellar branding exercise, especially when incorporated within the Angel City 5 movie framework.

And of course, there is the fact that after doubling the POP point, one will receive 50% of additional profit as profit-share.

But importantly, as a plan created from ripple effects, since day one, POP investment has been designed to return an income to the contributing individual or company. This would be a long-term investment, and one would receive their dividends/ROI not as cash but either as property built within a grand network, or network credits that can be redeemed against any network commodity or service.

The exact method cannot be forecasted now; rather contributing companies will need to accept that 'the commander's intent' is for POP investments to return property or network credits worth more than what would have been created from a standard investment.

S-World is not purely about charity, it is equally about incentivising and empowering individuals and companies to make as much money as possible as if 'Give Half Back' holds; then the more money made, the more is given back. And as the first person to help with S-World said:

"The Rich Get Richer; The Poor Get Richer"
(By Mike Enslin 2011)

POP Invetsment

The POP Investment Principle

One thought currently under consideration is that only 75% of POP profit from each company be used for the long-term POP train grand-network investments. And the other 25% can be used for per M-System 9. POP part 2 'Super Coupling,' a less rigid form of POP investment which can be used for any network investment; such as providing the start-up for a Villa Secrets company in the Caribbean, or investing in the creation of the Virtual Network (which we predict to be the most profitable of all exercises).

Now we present the POP math and physics…

Returning to our 'Angle City 5' Movie Framework, the following is the quantum data that was sent back in time to Peter Horse to create S-World UCS, UCS Voyagers, and Angel Cities.

POP - An Economic Theory of Everything (E-TOE)
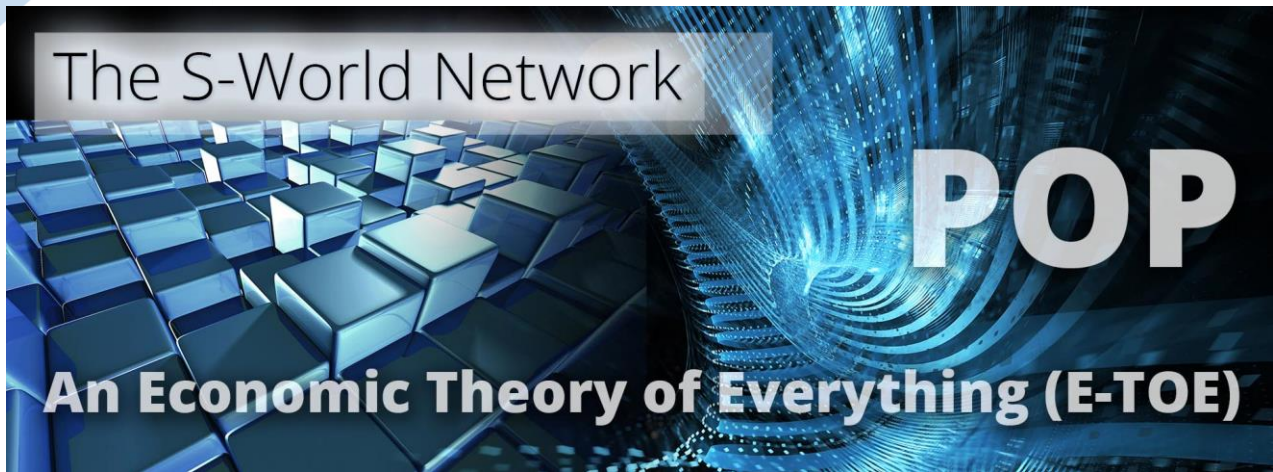
Next, we see the most recent system architecture for POP interactions within M-Systems. The so-called 'quantum data' sent back in time to inspire the creation of S-World UCS, per the Angel City 5 movie framework.

POP was the 'original Nash-like-idea' that sparked American Butterfly and since S-World Villa Secrets and Angel Theory's M-Systems.

We have just seen how M-System 1 creates POP income; this is how it will be spent…

POP Systems - an Economic Theory of Everything (E-TOE)
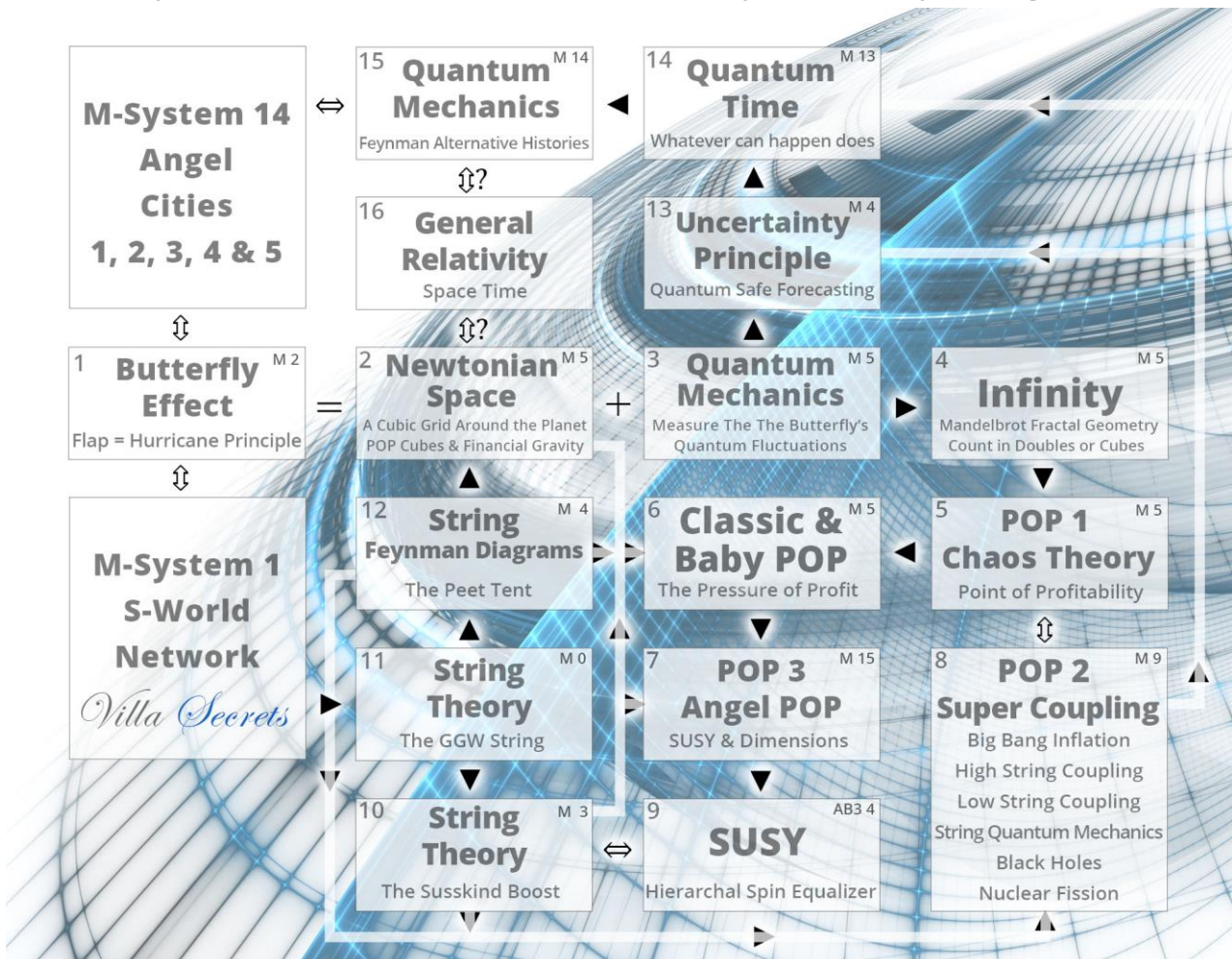
Steps 1-3. POP Origins

The Butterfly Effect, Newtonian Space, and Measuring at a Quantum Scale

In and around the Autumn of 2011, starting with limited knowledge of pure math or theoretical physics, the initial journey to the discovery of POP was a consideration of 'the butterfly effect,' and the saying, **'Can the flap of a butterfly's wing in Brazil create a tornado in Texas?'**

So an imaginary cubic grid was pictured around our earth in every direction, and inside one cube was our butterfly; where after using future technology, one could measure the quantum disturbances in the 'breeze force' created by the flap of the butterfly's wings and then calculate across all cubes to see if that flap did or did not cause the tornado.
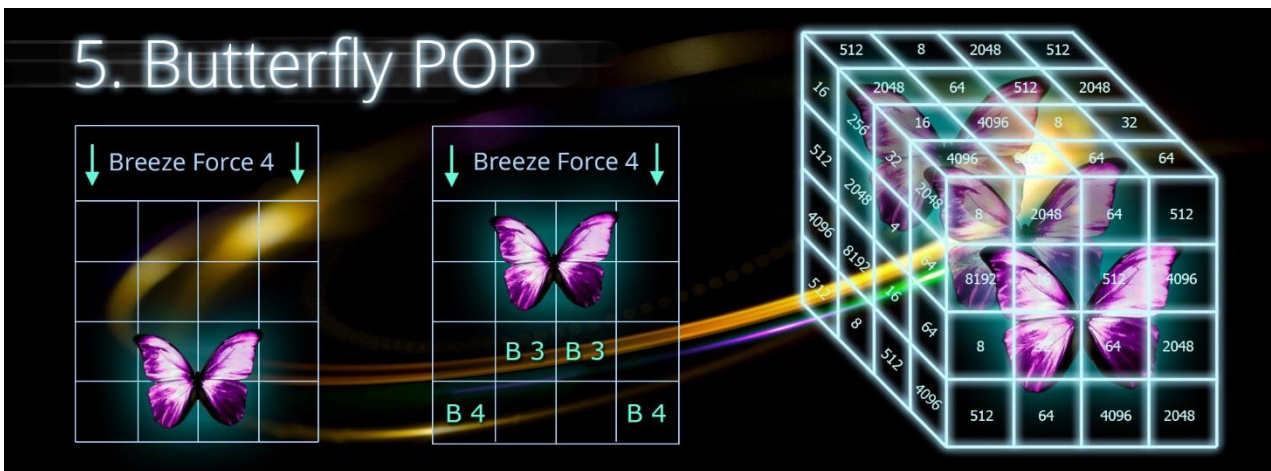
In hindsight to accomplish this, we would need a complete understanding of quantum gravity (the theory of everything); and even then, what with the uncertainty principle, it still may not be possible. However, with this cubic grid on our minds, we looked at the parent discipline of the butterfly effect, 'chaos theory.'

The next consideration was the chaos theory riddle of rounding errors created by infinite numbers (like 3.33333 recurring). Because of the uncertainty principle and the butterfly effect; even the smallest of inconsistencies could spiral into a tornado and be enough to rule out any kind of long-term forecasting in any complex systems such as the weather or our economy.

Step 4. The Mandelbrot Set (2011)

To solve this, I looked at the problem from a different direction. And after some research, including the Mandelbrot Set Fractal that beautifully recreates itself in an infinite pattern, I had the idea for 'compatible finite mathematics' that flew in the slipstream of infinity.

Or to put it in a very simple way, one needed to count and create a framework with numbers that doubled, as that makes recurring numbers harder to create. So, 2 > 4 > 8 > 16 > 32 etc.

For the original inspiration, see www.S-World.biz/TST/EEE-14Billion_Years.htm (Nov 2011)
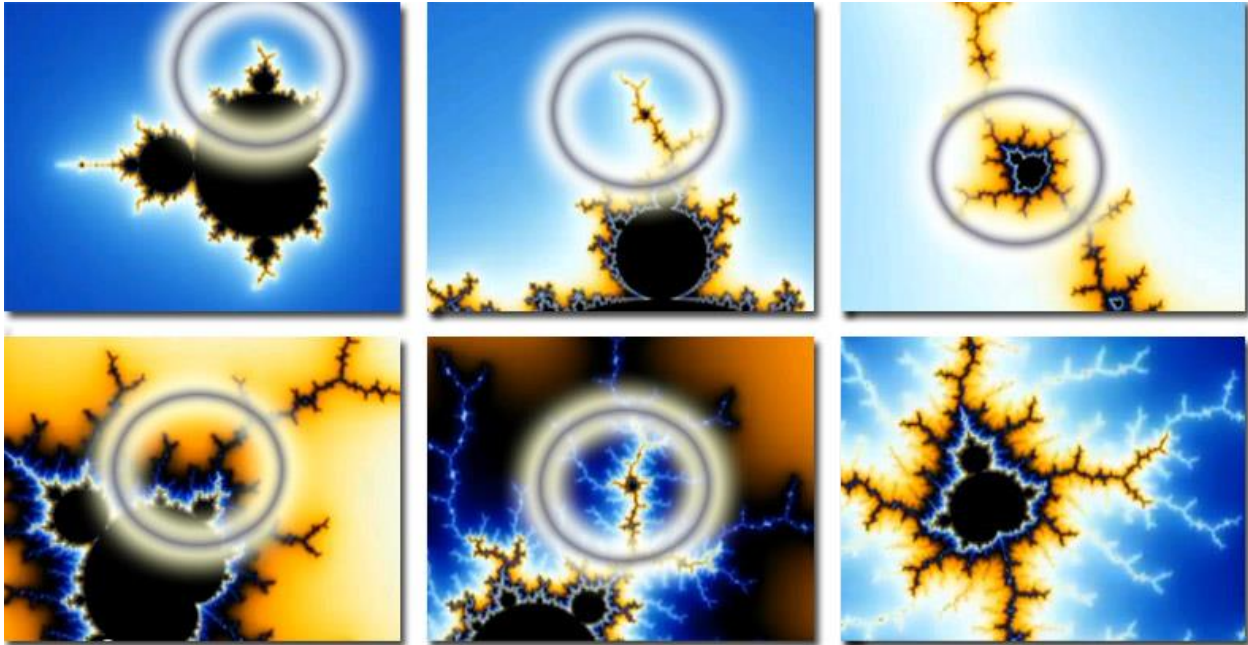
However, considering the cubed grid around the world, this set turned into multiplying by 8. So, 1 > 8 > 64 > 512 > 4,096 > 32,768 as multiplying by 8 creates cubes inside of cubes.

Step 5 – (M-System 5) The POP; Point of Profitability – POP Cubes (2011)

If we create a point of profitability, where after all profit overflows into creating a new company or network, then by working in multiples of 8, we create predictable cubes of profit that have no errors to round.
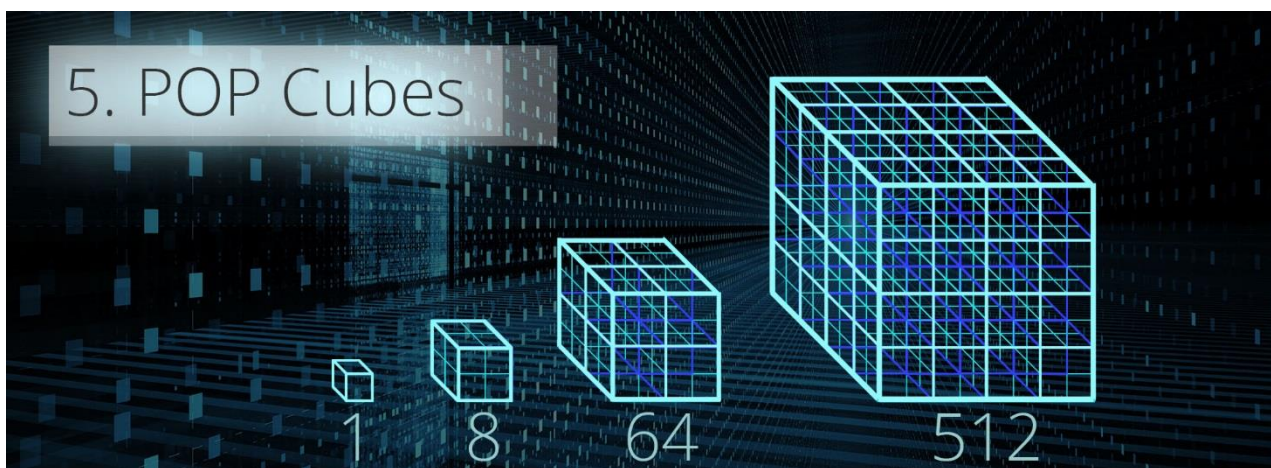
Once a cube is full and each company within has achieved its POP point, the cube would represent a single block of underlying profitability and could be counted simply as 1. And other cubes created counted as 2, 3, 4, 5, 6, 7, 8 at which point we created a larger dimensional cube, representing 8 networks of companies making their POP points. This follows to the next dimension of 64 and then next at 512 companies all making their POP points.

And by working in this way, we create an underlying stable economic framework that is not affected by rounding errors as there are no recurring numbers to round. One simply counts the full POP cubes.

Which as Sir Isaac Newton's theory of gravity is often presented as the universe within a cubed framework eventually took on the name 'financial gravity.'

Of course one needs to maintain the integrity of each company within each cube, and that's where POP meets string theory and 'The Susskind Boost' & 'Peet Tent.' Which we shall return to shortly.

Step 6 (M-System 5) — The POP Investment Principle — The POP Train (2011)

What turned a mathematical curiosity into the mathematics that underpinned the project was revealed when making this graphic; as when investing in a POP train, when all the investment from the first company or network flows into the second (and we call the object that the overflow falls into a 'bucket'). Once bucket 2 is full, both networks 1 and 2 combine to fill 'bucket 3.' And once bucket 3 is full, networks 1, 2, & 3 combine to fill 'bucket 4.' After which new networks are created annually and the network snowballs and grows exponentially, as we see after the 11th year more than 2 new buckets are created within a year.

Hence POP 'The Pressure of Profit,' as the more companies in the train, the faster new networks are created.
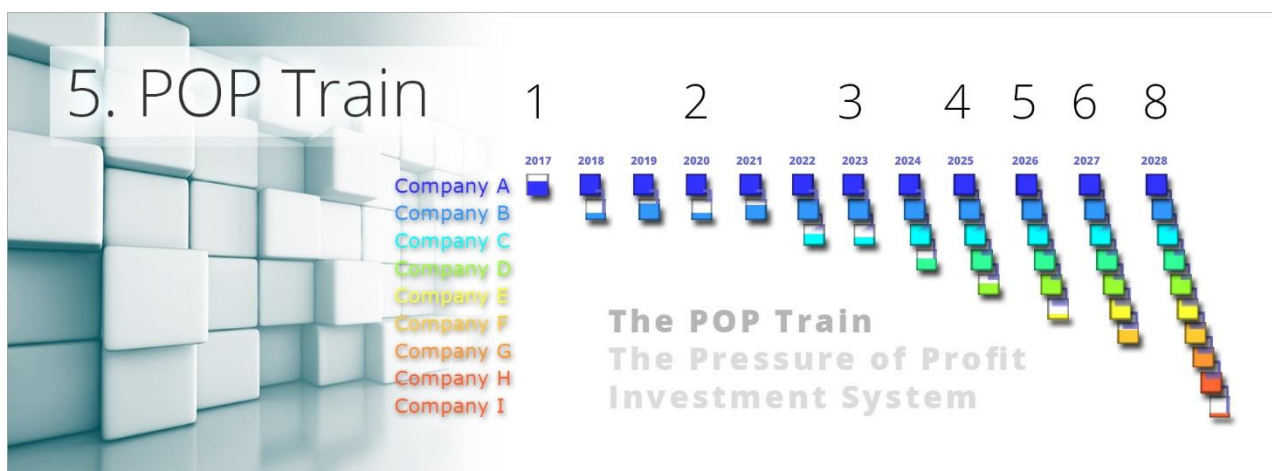
Of course, in a system of thousands of cubes, each containing thousands of individuals and companies where we count the cubes in sets of 64; often there may be a few inner dimensional cubes that have fallen out of POP. So, we must count 61 of 64, 57 of 64, 63 of 64 and so on.

This can create rounding errors and that's why we say, 'compatible finite math,' as the math is not perfect, just better. However, in terms of creating a superior way to measure global economics or network economics, is a great improvement. And the bigger it gets, the more precise it gets.

To help fill in the gaps and fuel networks that have fallen behind (were making POP but are no longer), we need to move into string theory and skip forward to 2016 and M-System 3. *The Susskind Boost.*

Step 10. (M-System 3). The Susskind Boost. (April 2016)
Source: Leonard Susskind-Lecture 1 | String Theory and M-Theory
https://www.youtube.com/watch?v=25haxRuZQUk

$$E = \sqrt{P^2 + M^2} = \sqrt{P_z^2 + P_x^2 + P_y^2 + M^2}$$
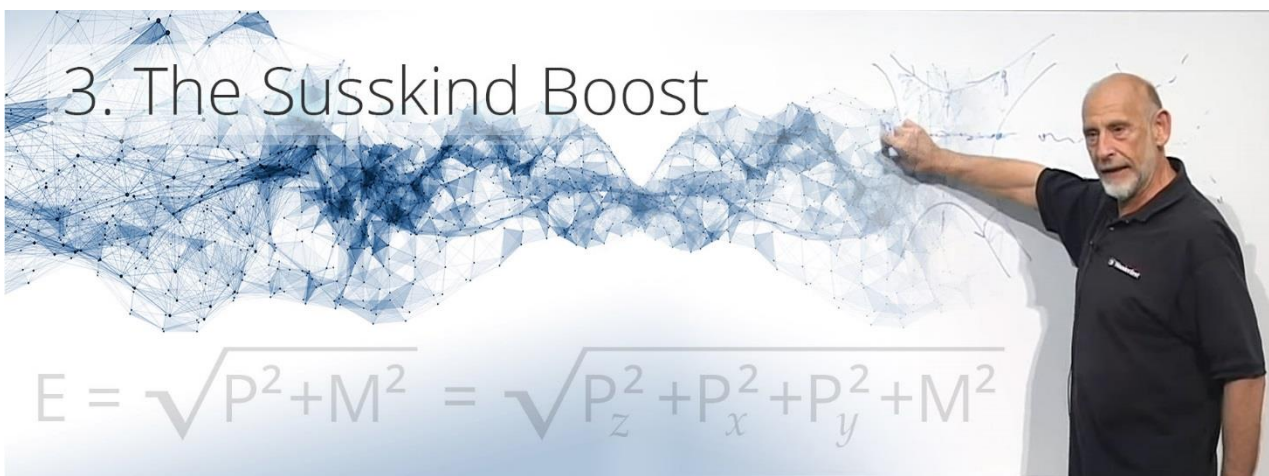
'We boost the hell out of the system along the Z-axis *(gross profit)* *until every single particle* *(company)* *has a huge momentum, if there is any particle* *(company)* *that is going backwards along the Z-axis, you just have not boosted it enough. Just boost it some more until it's going forward with a large momentum.'*

To apply this to the network, we change a particle for a company and the Z-axis to gross profit.

There are tonnes of ways to boost a company's profit without giving direct financial assistance. Here are some options: Ť the award of tenders, Ŵ additional websites, Ć = contracts or mandates, and more recently higher ROI advertising, or making a company's goods or services a preferred purchase for those who have network credits (Planck Cubits).

And if a company is in actual trouble, we apply 'The Peet Tent,' the shape of the GGW String that assists troubled companies, giving them the lift to be further boosted by The Susskind Boost; which will continue to boost the companies until it is creating POP again, so repairing the integrity of each network's cube until we see 64/64 across the board.

Step 11 (M-System 0) — The GGW String (Greene/Green/Witten) (Late 2016)
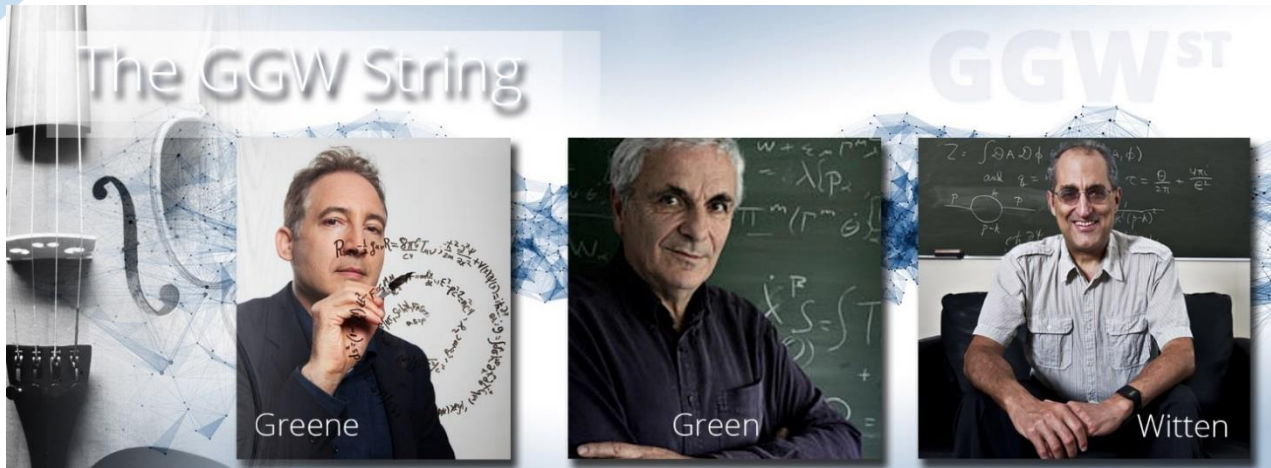
Named after the 3 physicists: Brain Greene, Michael Green & Edward Witten, who from 2012 to 2016 assisted my basic understanding of string theory. The GGW string considers the most fundamental properties of string theory and M-Theory; 'the strings themselves' and that a good simulation in economics is for strings to be equivalent to the money earned by the S-World, and the different ways we spend the money are the different shapes of the strings.

Instead of POP investment, the GGW String primarily receives its income from the gross profit from each company within the network.

However, after reading 'The Real Crash' by Peter Schiff, a good case was made for lowering or removing direct taxes on a company's income. POP only applies after a company has done very well, and even then, it's an investment, not a tax. But the GGW-String income is a direct tax on profits.

One can say that such a direct tax on gross profit is equivalent to a standard franchise fee. However, in creating M-System 1. Villa Secrets, it was decided that the 5% equivalent of a franchise fee should be lowered closer to 2.5%, at least until the bulk of the systems were developed. And that the 2.5% be used almost exclusively for the web, software, and network development; creating the systems that directly increased profit for the networks thus creating a Nash Equilibrium.

34

Professor John Nash, winner of 2 Nobel Prizes (one for his Nash equilibrium), and famous for the words "You don't have to be a mathematician to have a feel for Numbers." And super famous for being the subject of the Oscar-winning film 'A Beautiful Mind,' in which in the early scene (with 'the blond' and her 4 friends at the bar), Nash suggests to his 3 friends that "the best way for them to all get laid was instead of all going for the blond, they all agree to ignore the blond entirely; as in doing so her friends will not feel second best," which in the film became the beginning of Nash's 'original idea' that lead to his famous equation.

A Nash Equilibrium is most often seen within game theory, it is in essence a win/win scenario, where one would choose the same outcome regardless of enforcement.

In the case of S-World Villa Secrets and the 2.5% of turnover contribution towards the development of software and the network, this is forecast to return over 100%. So, to make a 100% increase from a 2.5% contribution is an action any sane company or individual would choose to make; hence a Nash Equilibrium.

However, it is quite possible that at a later point this percentage will increase to provide some GGW String funding, which may be fully exclusive to the Susskind Boost and Peet Tent and seen as an insurance contribution, ensuring the integrity of the network.

Step 12 (M-System 4) – The Peet Tent (Late 2012 to 2017)
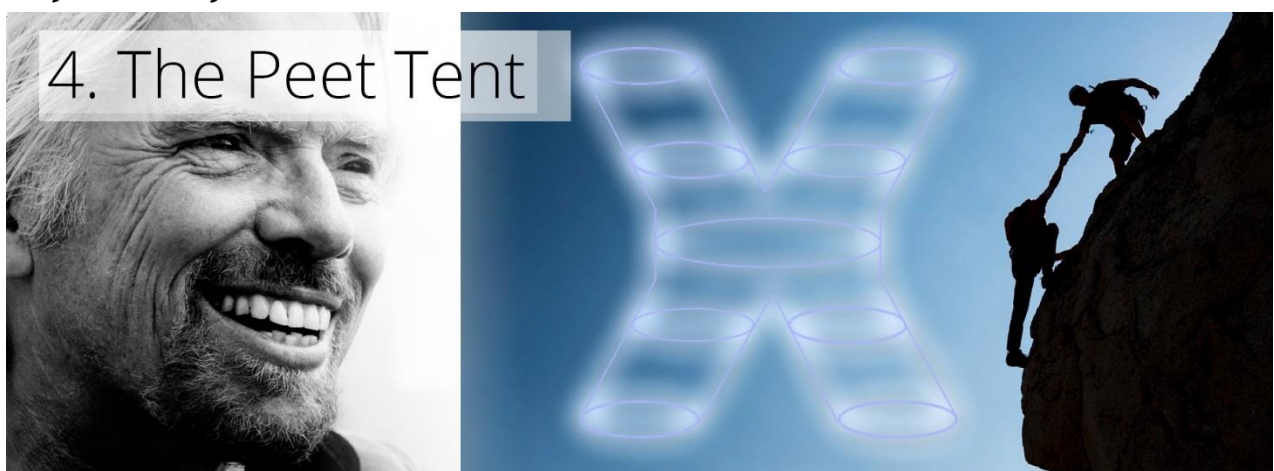
The Peet Tent was the principle of physics from American Butterfly in 2012 that became the foundation for Angel Theory's M-Systems in March 2016.

But first a little history. Before starting S-World in 2011 while researching the Virgin network, it was noted that Sir Richard Branson made mention that the Virgin Network is a network of different companies (as is S-World). But in the case of Virgin (and most such groups), if one company failed, it was detached from all others, so all others were safe. This is of course the sensible way to create a network and was respected, but it was not in the spirit of 'A Theory of Every Business.'

The Peet Tent is the answer to this dilemma.

Sources:

1. Dr Amanda Peet: String Theory for the Scientifically Curious:
   https://www.youtube.com/watch?v=PpQngpaHamg
2. American Butterfly Book 3 'The Network on a String,'
   http://americanbutterfly.org/pt3/the-network-on-a-string/cfm-pop-analogies.
3. Dr Amanda Peet: String Theory Legos for Black Holes:
   https://www.youtube.com/watch?v=MlDd2HtFfPU

The Peet Tent is a shape of the S-World string that protects companies from failure within the network.

Below on the right, we see what is known as a 'String Feynman Diagram.' And the punchline is that due to the loops that you see (pictured with the positive and negative dollar figures within) when it comes to measuring the jittery and unpredictable results from quantum mechanics, with the smooth results from general relativity (Einstein's theory of gravity); within a black hole or at the point of the big bang the results are unified, as they all fall under the string theory tent.

Mathematically, this is what string theory is all about and is known as 'A Theory of Everything.' As a theory of everything is what will unite the results of quantum mechanics and general relativity (or put in another way, what will unite the 4 known forces, gravity to the already unified electromagnetic force and the strong and weak nuclear forces).

In the end, the simulation in economics was simple enough, one must make provision for companies in trouble. If applying the Susskind Boost did not work by adjusting opportunities, one must apply the Peet Tent; which provides direct income to the Susskind Boost, so boosting troubled companies back to health and then fitness. This works equally for companies on their way to POP and for companies that have achieved POP but have fallen backwards.
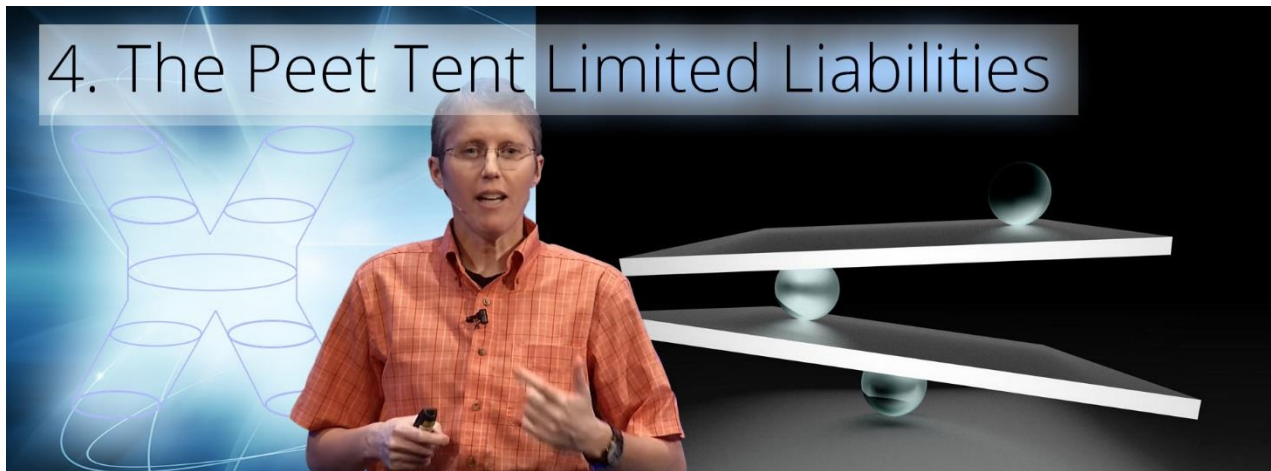

So long as there was enough income in the GGW String, all companies were safe, permanently.

Albeit there are some practical limitations, such as provisions against lawsuits that would not have been made if not for the deep pockets of The GGW String, and the many systems of M-System 1 and especially S-World TFS™ (Total Financial System) and S-World CRM CC™ (Company Controller); which collectively keeps a careful watch of every penny made and spent by every company, so we can see problems as they occur, which can mostly be fixed via better management and The Susskind Boost.

And also, comes step 13. QSF (Quantum Safe Forecasting) which we shall look at shortly.

Before we carry on let's see the system architecture again.

So far, we have looked at the original chaos theory inspired POP steps 1 to 6, plus the string theory steps 10 to 12; which creates the network's underlying financial gravity and maintains its integrity.
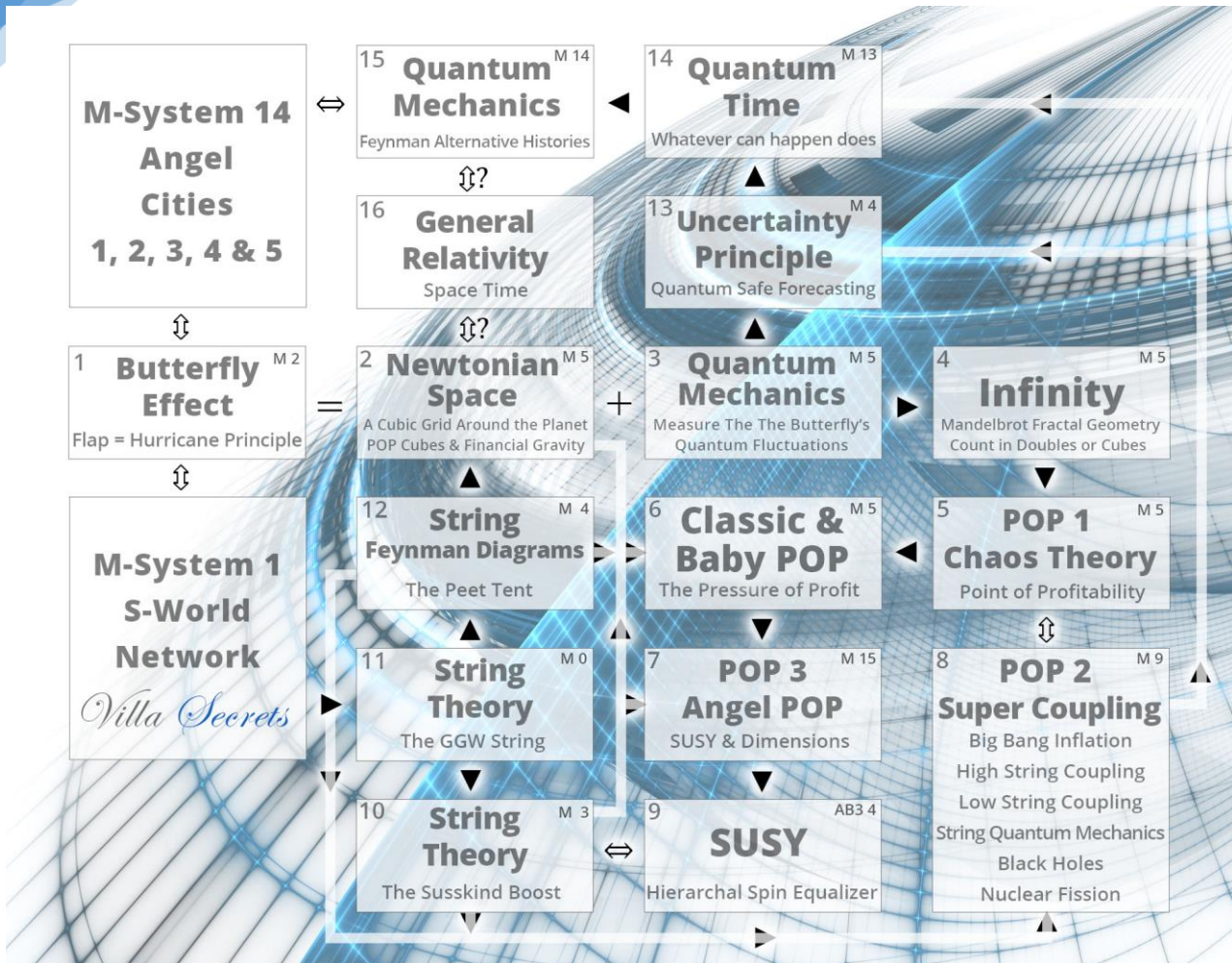
Step 6b (M-System 5) — Baby POP — Grand Networks POP Train & Boat (2012)

Baby POP was a derivative of the original POP investment principle for super grand networks that required a large investment and POP point for an initial super-grand network, but smaller investments and POP points for its offspring.

Like Classic POP, Baby POP invests per the train method; in fact, BabyPOP is the same as Classic POP, just the POP for new grand networks created is lower.

This story is told in detail as the introduction to American Butterfly Book 3: The Network on a string: http://americanbutterfly.org/pt3/the-network-on-a-string/prequal-CFM-and-POP.

Here is the original graphic, showing the 16 grand networks investing per the train method of POP which eventually creates 'The Boat.' Full of investment profit, set for new adventures.

To recap, once the original super grand network had reached its POP point, all additional profit pours into the creation of a new network. And later when this new network reaches its POP point, both the mother and baby networks combine to feed a third, and then a fourth. And at this point the 'pressure of the profit' (POP) of all four networks investing into a 5th sees new networks created faster and faster until all networks are created and all are making their POP investments, pouring their collective profit into what we called 'The Boat,' ready to sail away and start a new venture.

Step 9. The SUSY Hierarchal Spin Equalizer (2012)

http://americanbutterfly.org/pt3/the-network-on-a-string/susy-hierarchal-spin-equalizer

SUSY stands for Supersymmetry, the component that was added to string theory that created M-Theory and a multi universal theory of everything.

The SUSY Hierarchal Spin Equalizer was created for the second grand network design, 'The Orlando Network' in 2012, to smooth out and even the POP investment capital of the networks within.

Based on a real-world plot of 9 square miles of land priced at $100million located near Orlando; over 2011 and 2012, a super-grand network was costed, and was per BabyPOP method set to create 15 grand networks. However, when the expected POP profit from all was tallied up, it made for a very unpredictable picture. Which to a degree was OK, as all were in POP and so the underlying financial gravity was solid?

But, was there a way to make the amount of profit made from each grand network more predictable?

To create evenness within the 16 networks, in the Autumn of 2012, the rather grandly titled SUSY Hierarchal Spin Equalizer was theorised.

Below we see the forecast for 2040 and the revenue generated by the 16 networks, which as we can see is a very random affair. Some will do well particularly the beginning and end network, but the middle networks are a lottery.

Which when we consider that the POP principle is based on making a less chaotic and more predictable economy is not ideal.
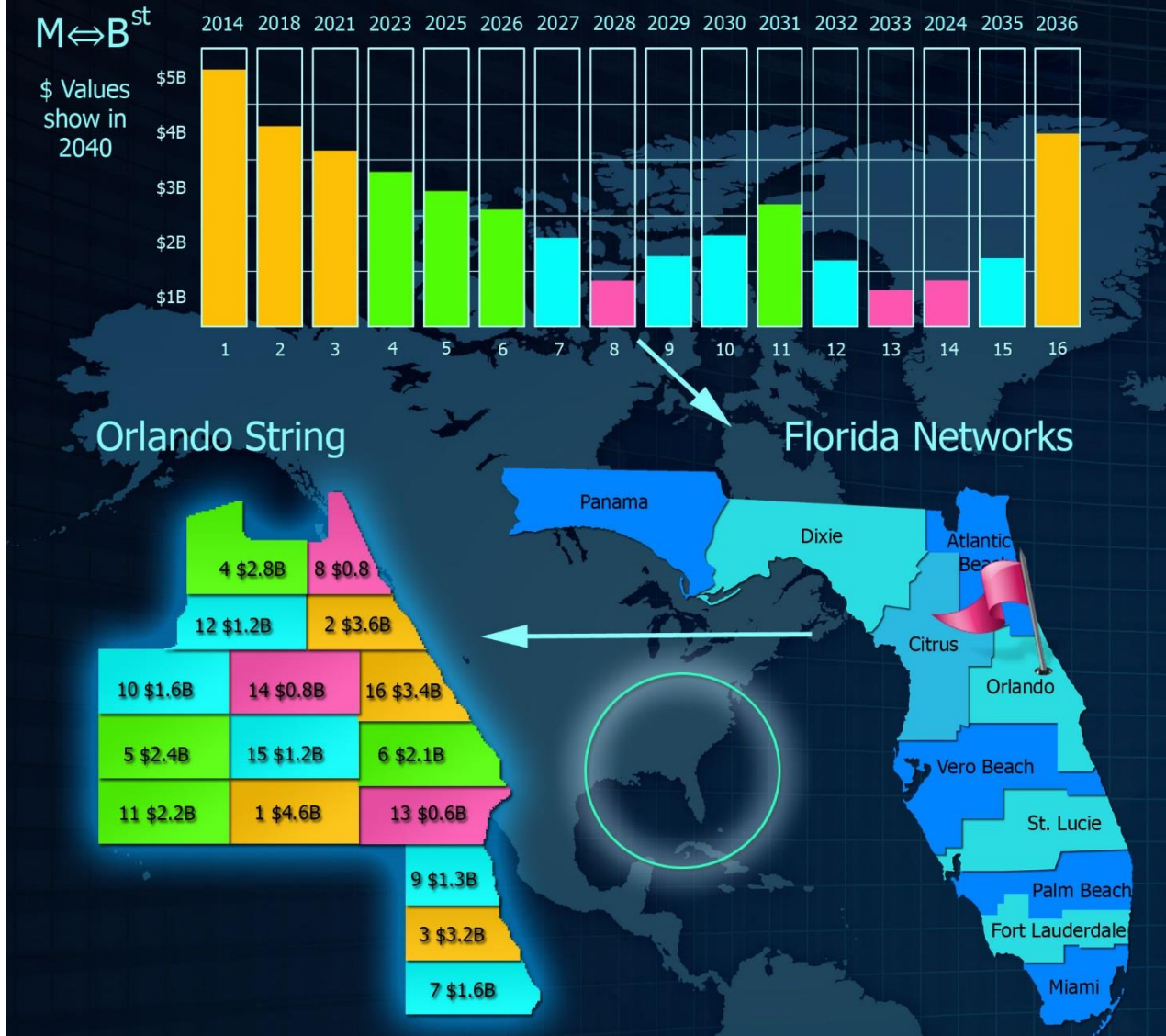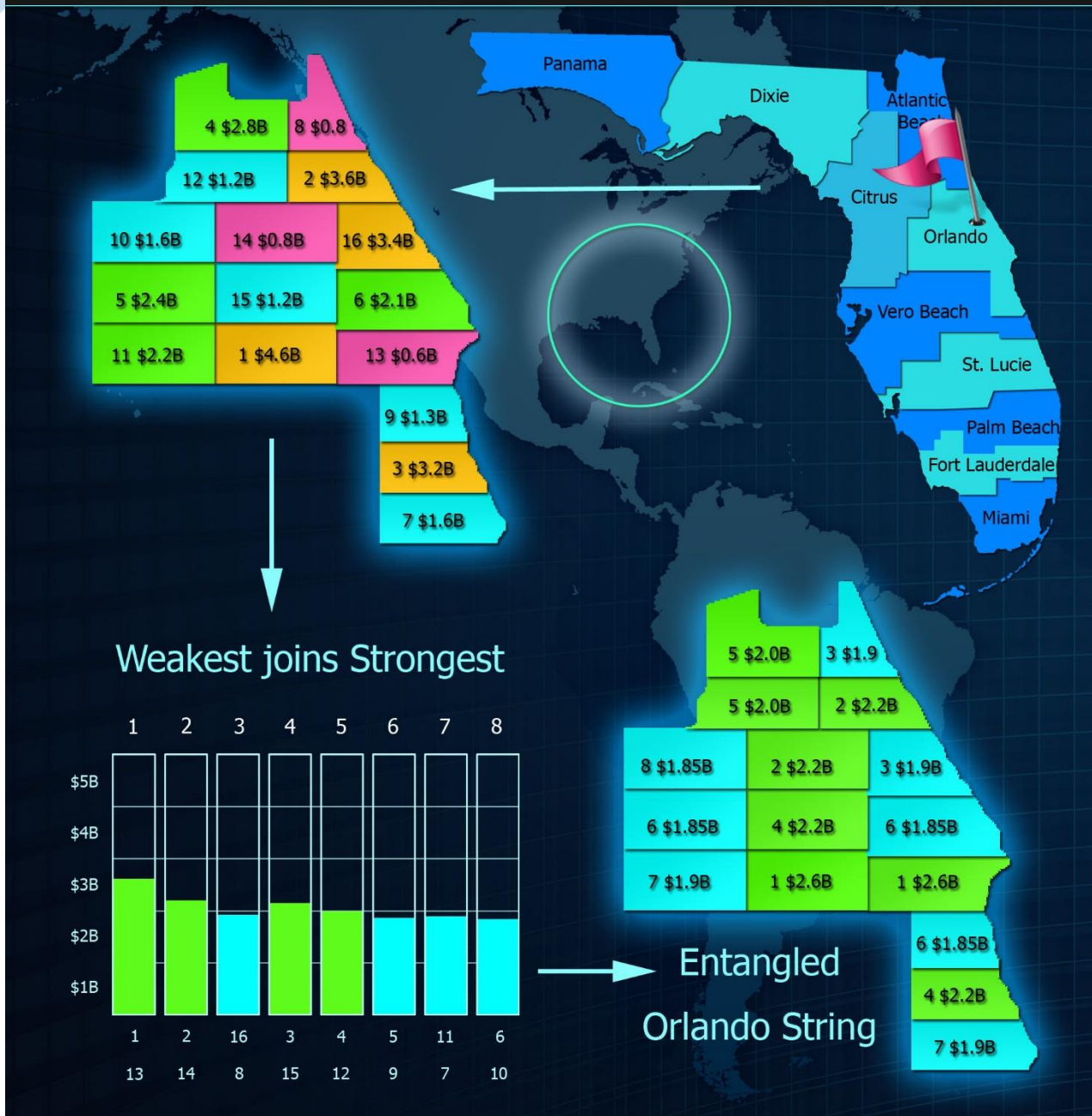
So, from a short video on Supersymmetry, the idea arose that for every particle there is an equal and opposite particle. And when you add up all the pairs of particles, they are either the same or similar.

This presented the idea of twinning all the 16 networks, so the weakest and strongest become one supersymmetric network and the rest followed suit. This is why we have sets of 16 grand networks because we twin the strongest and weakest to make 8 relatively similar supersymmetric networks, which in turn become a higher dimensional network cube.

The results are seen in the following graphic, in which we see that as supersymmetric pairs, all the grand networks have similar combined profit.

(Note in case anyone was wondering what the PQS is, it was the earlier name for M-Systems – 'Predictive Quantum Software')

Angel Theory

PQS > Baby POP > Entanglement > SUSY Hierarchal Spin Equalizer 2

S-World PQS
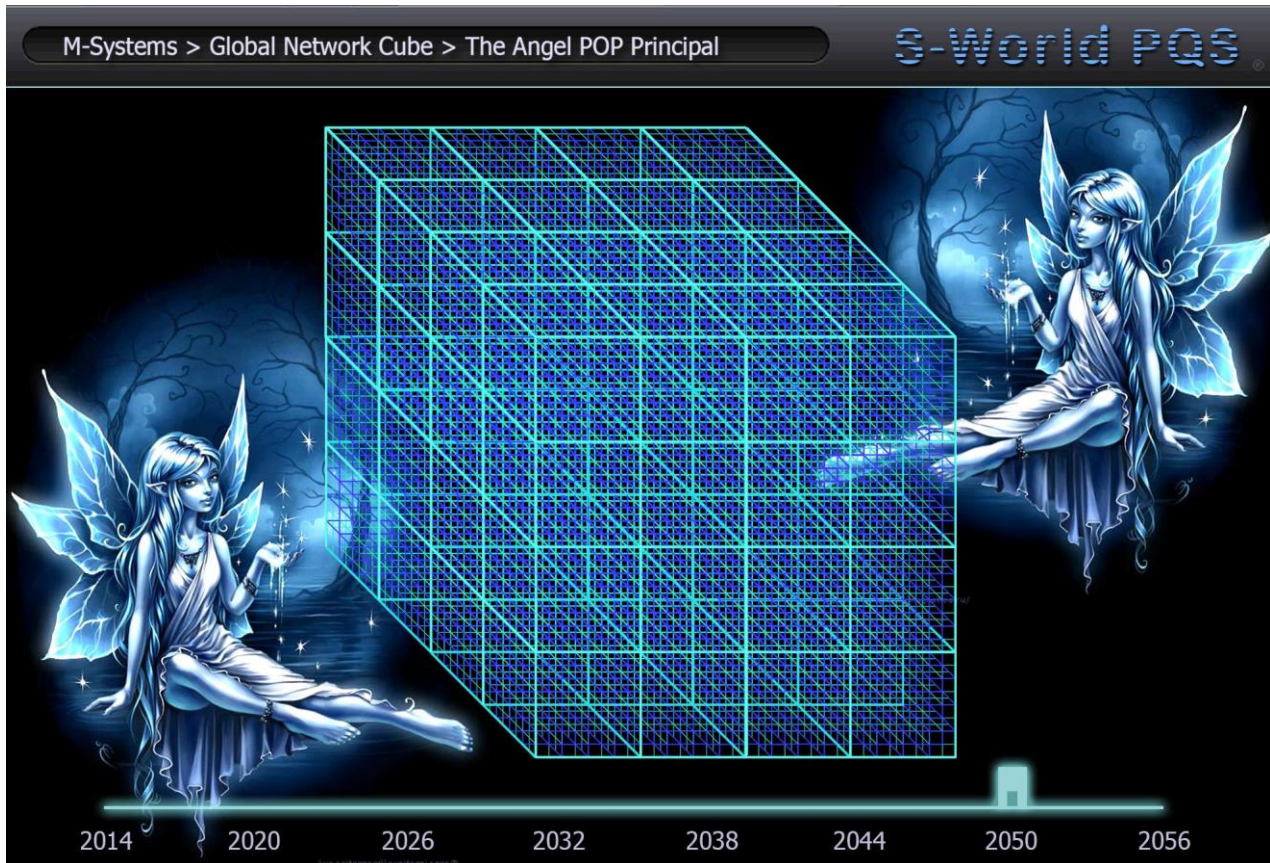
Weakest joins Strongest

Entangled Orlando String

However, whilst this was a lot tidier and looked out for the little guy, it would always be seen as a penalty/tax of sorts to the stronger networks.

So, if instead of seeing the 'POP boat' (being the overflow of profit from all 16 grand networks) floating away to create a new grand network in a different location, once the last network achieved POP; the boat will invest into the weakest networks, per Susskind Boost and Peet Tent methods until eventually all networks become massive, and turn into super-grand-networks.

And because the networks are all entangled, boosting the weakest has the same effect as boosting the strongest, which for the stronger networks is the payback from entangling the strings in the first place

Step 7. (M-System 15). Angel POP (2012 - 2017)

As we have heard earlier in this chapter, Angel POP enables all special projects. It is the magic source that underpins the S-World global network philanthropic, ecological, social and complexity saving ambitions; first described in 2012 in chapter 7 of American Butterfly Book 3, 'The Network on a String' http://americanbutterfly.org/pt3/the-network-on-a-string/angel-pop-global-benefits.

The beauty of Angel POP is that it creates symmetries between prime investment opportunities and opportunities that without the Angel POP framework would be considered economically undesirable. Where an economically desirable S-World virtual network (not a physical property development) opportunity such as Villa Secrets California is twinned with an undesirable economic opportunity such as a grand network (resort development) in a location in abject poverty.

Working in this way and working on a principle that for every network in a prosperous location, a network is created in a location of poverty; as the network grows it does so evenly across the world bringing opportunities to locations of abject poverty.

## Grand Networks in areas of Abject Poverty are Special Projects.

5. Angel POP

String & M-Theory Dimensions

One thing about string theory that makes most of us scratch our heads is that its mathematics only works in 10 or 11 dimensions. The 3 spatial dimensions we know (length, width, height) plus 'time' gives us our known 4 dimensions. But string theory adds 6 tiny curled-up dimensions so small we cannot see them, and M-Theory adds the 11th dimension as a framework within which many universes, including our own, live.

I am yet to find a book or video on the mathematics of how these 11 dimensions work, which leads to the conclusion that the math must be too complex to be explained simply and without complex equations.

However, within M-Systems we too work in dimensions, but they are very simple to understand as they are cubed. Which is simply a multiplication of an existing dimension by 8 as seen below. So, we fit 8 cubes within a 2nd dimension 8-cube, and 8-second dimension cubes make a 3rd dimensional 64-cube, and the 4th dimension is the 512-cube and so on.

5. POP Cubes

1 8 64 512
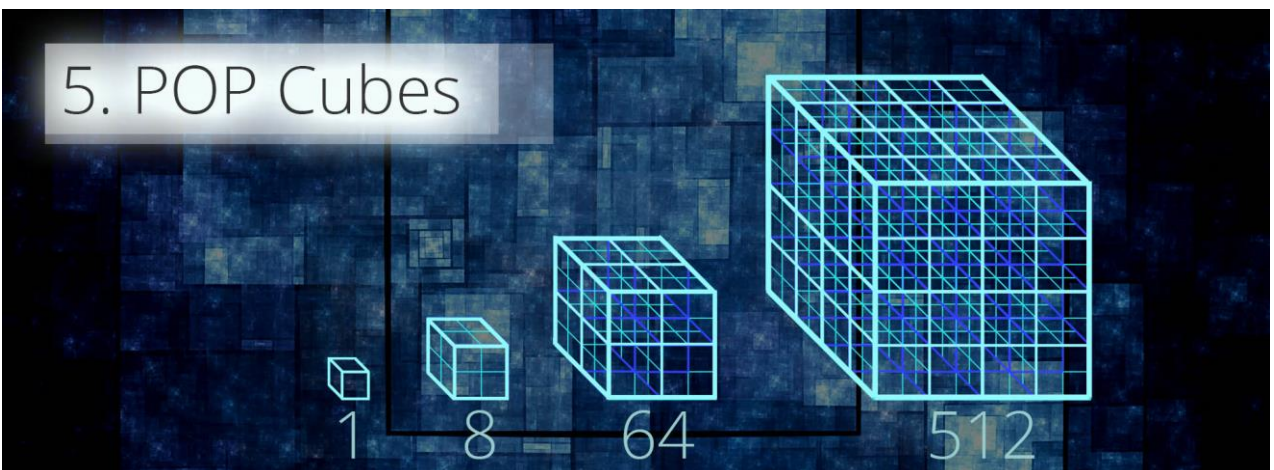
Let's see this in a practical economic format.

By rights, we should work in Planck Cubits, the currency of the network, but we need some help with this. So, for now, we work in USD starting at an even cent; but the first dimension is $0.01 x8^5 which creates an abject company POP point with a yearly POP target of $327.68. Which yes sound ridiculously low but is higher than the average wage of $250 a year. Note that companies can be

individuals and that an individual working in abject poverty only makes $250 a year. We need to include this within the framework for it to be a true theory of every business.

We are not intending to pay people this or expect companies to work in this lowest dimension, quite the opposite. The objective in all abject locations is to raise their salary up a dimension to $2,621.44, then later up another so their company is generating $20,971.52 a year in POP. One potential plan for Angel POP is that we must stick within 10 dimensions, and only move up when we have eradicated all current D1 abject poverty dimensions in a set area surrounding our grand and super grand networks.

|		
$0.01		
$0.08		
$0.64		
$5.12		
$40.96		
$327.68	D1	Abject Poverty Company
$2,621.44	D2	Relative Poverty Company
$20,971.52	D3	Small Company
$167,772.16	D4	Standard Company (Primary Network in Abject Location)
$1,342,177.28	D5	1st Tear Network (Primary Network in Relative Location)
$10,737,418.24	D6	2nd Tear Network (Primary Network in Prime Location)
$85,899,345.92	D7	Grand Network
$687,194,767.36	D8	Super Grand Network
$5,497,558,138.88	D9	8 Global Network Cubes #1
$43,980,465,111.04	D10	Once D9 is full it opens D10
$351,843,720,888.32	D11	Angel City 2 Target (2024) (Only opens if there is no D1)
$2,814,749,767,106.56	D12	Angel City 3 Target (2032) (Only opens if there is no D2)
$22,517,998,136,852.50	D13	Angel City 4 Target (2048)
$180,143,985,094,820.00	D14	Angel City 5 POP Target (2080)
$1,441,151,880,758,560.00	D14	Angel City 5 Turnover Target (2080)

How Angel POP works on a macroscale is to create 8 even continental network cubes, and restrict investment into the richer cubes once they reach a specific POP point, which in the 9th dimension 'D9' is $687,194,767.36 (Note this figure is divided by 8, as it is specific to one continental cube.) Once any continental cube generates more than this amount, its POP investment needs to be invested in the cubes that have not reached their POP point. And only once all 8 cubes are in POP (making more than their POP point), does 'D10' open.
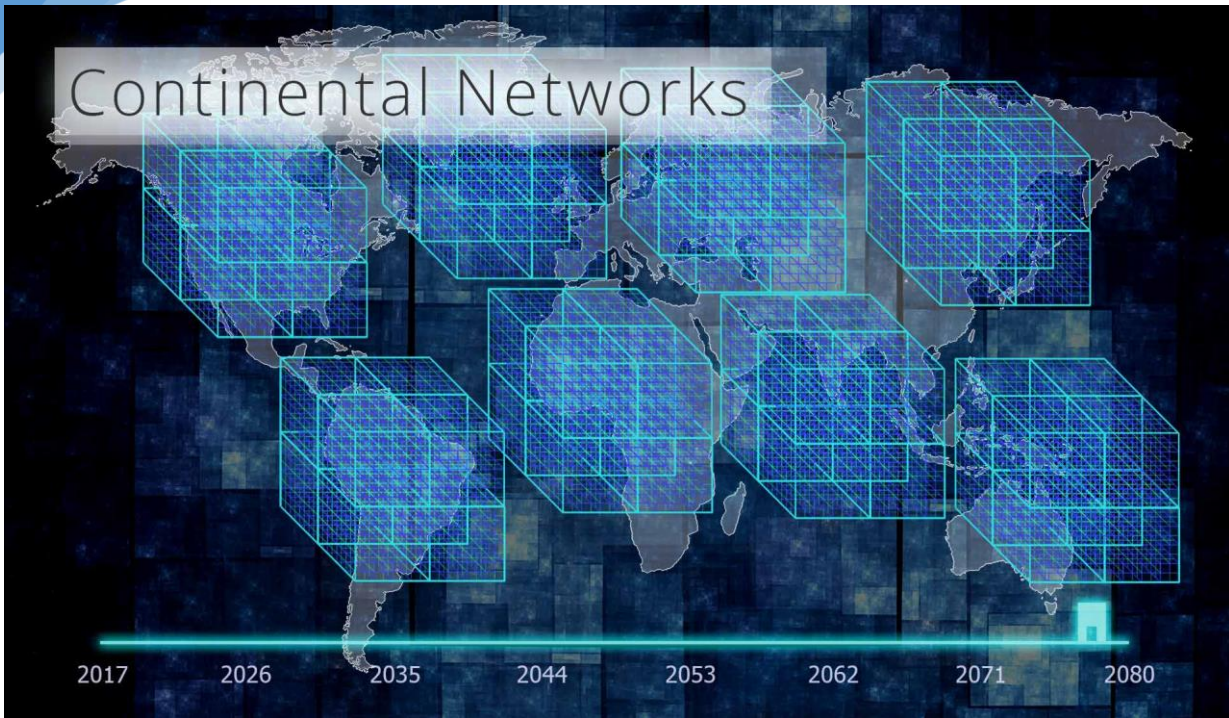
This process continues through D11; which has the target of 2024 (Angel City2), D12 by 2032 (Angel City 2), D13 by 2048 (Angel City 3), & finally D14 at 2080 in (Angel City 1). Note that we are working on the rough estimation that each company makes a profit of 25% and half of that is POP, hence the turnover or GDP of the network is 8 times its POP Pont, and so D14 turnover is $1,441,151,880,758,560.00 which including inflation and the golden age of POP is what we expect Global GDP to be in 2080.

In this model by the time we reach D14, the S-World network and POP economics will have mostly replaced the existing economy, and particularly the emerging economies of the countries currently in abject or relative poverty.

The important simple but very powerful point on the mathematics which made Angel POP the champion of American Butterfly is that when working in this way, and one finds that due to the power of the POP investment train.
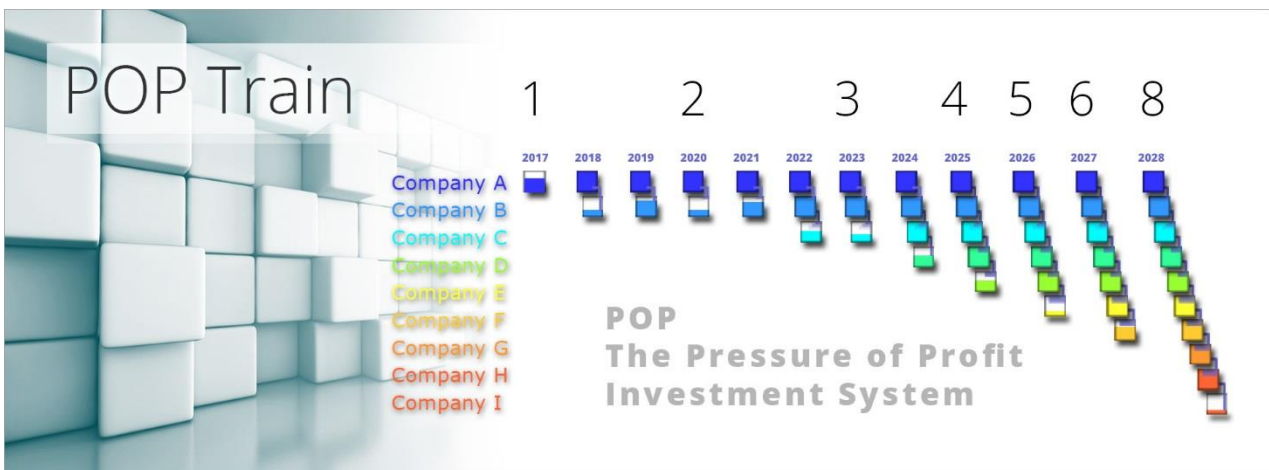

We find that the last companies in a closed/restricted network, which would usually be the least economically desirable locations get made very quickly, due to the pressure of all the other

companies POP profit channelling into them.

And so, if M-Systems are a success, any location specified in any initial continental D9 or D10 cube will eventually become a success; and due to this quality of Angel POP, it makes such investment appetising in the first place. And that's a big quality of 'Angel POP.'

As we presented earlier, this idea does not start in D9, it can start straight away, as the first physical grand network we create is twinned with various virtual Villa Secrets networks in California and other prime locations. But before we go into the microeconomics let's look at the Angel City 5 2080 picture in terms of employment.
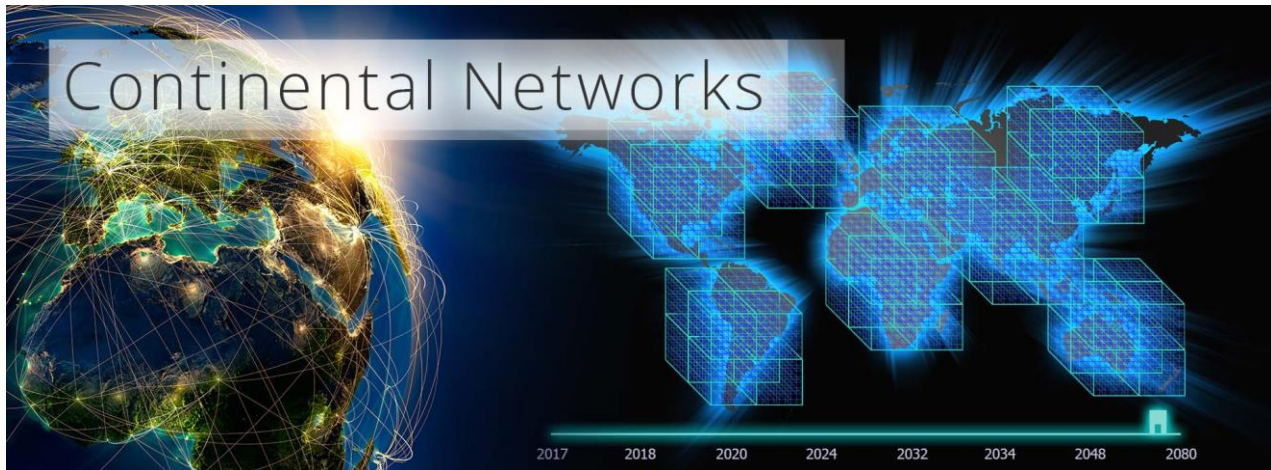
POP is the system that turns a technology solution from one that threatens jobs to one that creates them. In 2080, we desire a global economy flourishing within the POP framework. And assuming a population of 12 billion, about 20% of the population would be equity owners in over one billion S-World companies; another 20% of the population working for these companies with profit share incentives. 20% of the world would be in study/education, 20% are retired, 10% are on holiday, and 10% are children.

Or something similar, this is a different variation on Sam Altman's vision for the future where technology has helped the world to the degree that most of the world are paid for do nothing, that incorporates the Chan Zuckerberg philosophy of helping people to reach their potential.

Step 8. (M-System 9). POP2 – Super Coupling (2016 - 2017)

Originally called the 'Hawking-Green equation,' as it was considered on a walk whilst listening to Professor Hawking's & Mlodinow's 'The Grand Design' while considering Professor Michal Green's string theory conundrum that 'the smallest of the small, a single string could, in fact, be the entire universe,' per the Horizon documentary 'How Small is The Universe.'

Super Coupling is POP without the train, a less rigid variation of the POP investment principle, that like the graphic below sees all sorts of different POP investment cubes across the world, investing into what seem like the most lucrative opportunities.

9. 'POP' Part 2 - Super Coupling

The thing about the 'Hawking-Green equation' was that in line with Green's conundrum it worked on how from a single string one could create the entire universe. So, when simulated economically 'how a single small company can engulf the global economy.'

When first applying this as a spreadsheet it looked massive. And after a few explorations, the math showed that if a single S-World Villa Secrets company can from its POP overflow in its 3rd year onward, create enough POP investment to create 2 new companies per year, and each company it created followed suit (in that it could create 2 new companies per year after the 3rd year, and so would the companies it created); then the network of companies created would engulf the global economy by the early 2070s.

This system has many physics influences beyond Michael Greens string theory, at first as it was so explosive, big bang inflation was considered, but on examination, it was considered nowhere near as explosive.

So next, care of Professor Edward Witten (whose video is unfortunately no longer online) and Dr Amanda Peet's String Theory Legos for Black Holes: www.youtube.com/watch?v=MlDd2HtFfPU came the idea of relating it to high string coupling, at which point a book containing 10 chapters was written and added to Angel Theory: www.AngelTheory.org/m-systems/pop-super-coupling-and-angel-pop-for-dr-amanda-peet-6-01

In which we realise we cannot use high string coupling as it has no experimental equivalent. But we could instead consider it as low string coupling simulation, but instead of many membranes (universes) we used many businesses, and the quality that simulated the low coupling strength was the low amount of paid staff vs. profit share rewarded stakeholders.

In other words, by using the M-System 1 systems and creating a network full of a great many small and profitable business, where at least profit share motivates half the personnel; we can create a more predictable system relative to a big company with thousands of staff mostly paid by the hour.

POP Super Coupling is also a bridge to quantum mechanics which, unlike the theoretical string theory, according to Professor Michio Kaku is 'the most successful physical theory of all time, which has been experimentally tested to one part in 10 Billion.'

As Dr Peet presents that in 1996 two Harvard physicists Dr's Andrew Strominger & Cumrun Vafa used a set of rules from string coupling to calculate the entropy of what a black hole would be, and it turned out to give exactly the same answer as the Birkenstein Hawking experiments predicted 40 years earlier using quantum mechanics.

The important point of the above is that by coming to the same conclusion using 2 different methods, it made the theoretical math of string theory math much more likely to be correct.

Considering further (and this is brand new as of the 8th August 2017), gleamed from the 6th chapter of Professor Michio Kaku's 'Parallel Worlds; which ironically was only started in search of a credible time travel plot, comes the idea that Super Coupling is not unlike nuclear fission, as explored by Niels Bohr and John Wheeler and the first experiments in creating the atom bomb.

Professor Michio Kaku

M-Theory
An economic science?
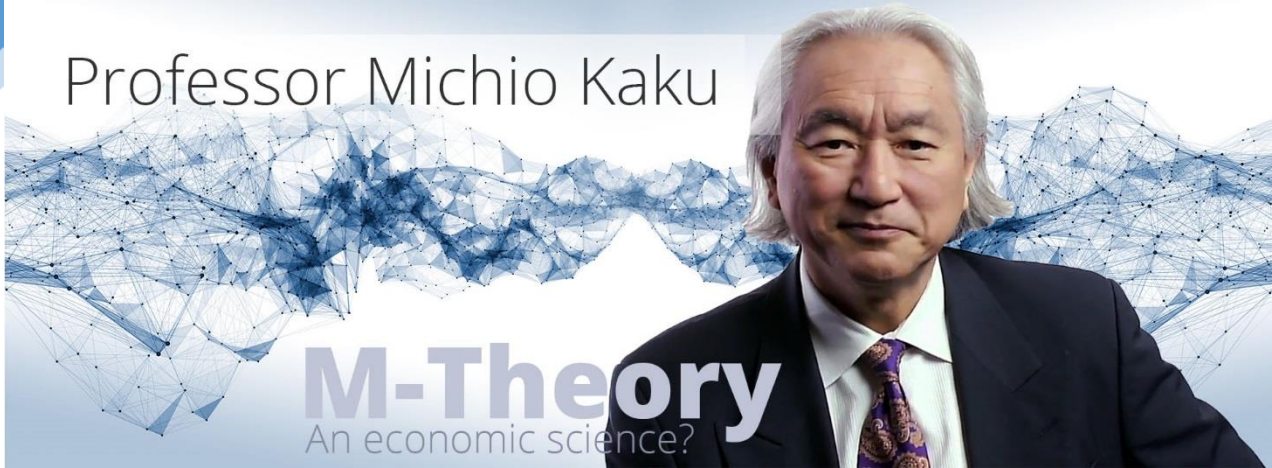
"Since everything in the quantum theory is a matter of probability and chance they estimated the probability that a neutron will break apart its uranium nucleus releasing 2 or more neutrons which then fission even more uranium nuclei which then release ever more neutrons and so on setting off a chain reaction capable of devastating a modern city.'

However, 'In quantum mechanics, you can never know if any particular neutron will fission a uranium atom, but you can compute with incredible accuracy the probability that billions of uranium atoms will fission in a bomb.'

Professor Michio Kaku 'Parallel Worlds,

Nuclear Fission

Considering the above and the string coupling experiments, we end up with similar scenarios both telling us to make a lot of small companies, so both fit the model. Albeit the nuclear fission simulation demands a lot of companies made in the first place.

In terms of creating one company and per Michal Green's one string can become the universe scenario; even if it can be shown to work on paper, we cannot realistically predict the outcome in terms of all future companies that can be created from it.

And why would we, POP is slow at the beginning and it would be year 2 or 3 before we saw the next company was created.

So, working as Angel City 1 and 2020 is the point where we take stock of the number of companies created. Following the S-World Villa Secrets model as of now, Villa Secrets desires to create hundreds of primary networks and thousands of supporting companies.

Villa Secrets Network

The big limitation is the TBS software development presented in the book 'The Villa Secrets' Secret' found in part at http://network.villasecrets.com (email nick@villasecrets.com for login or ask for the full book).

This needs to be complete if we are looking at more than a handful of companies. With 5 programmers, this is expected to be complete by the end of 2018. But could, with assistance from the individuals, foundations, and companies presented in the next chapter; be completed within 5 months.

S-World TBS™ Total Business Systems

With such cooperation and the massive ripple effect of having such organizations associated with the project in the first place, by the end of 2020 we could realistically target 256 Villa Secrets primary networks (collection of 8 or more companies, often 50% owned by the leading local estate agent or travel provider) and more than 4,096 individuals and small companies in high-end vacation rentals. Plus, as many at the top 1% end of real estate, and at least double that figure for high-end real estate (top 10%). Add to this, equal amounts for high-end and luxury travel. Plus, Experience Africa companies for a total of 74,240 companies.

Added to which come mainstream rental, real estate, and travel solutions; and we branch out into as many other industries as we can create solutions for.

In terms of making other solutions we present the idea of S-Web, the 'Super Simple Website Builder' from S-World Villa Secrets; but made as a cost-free solution for everyone, including free hosting so millions of people can make brilliant websites for free. And this becomes a big step towards our goals as if used commercially and they sell online, they must pay a royalty that goes straight to a special project of their chosen fund.

All told, where there is a will there is a way; and all told, we may expect 50,000 or more companies come 2020, and a lot more if we have developed the other M-Systems; in particular, the virtual networks, S-World Films and S-World UCS Voyagers and Angel Cities. Which is enough to create a nuclear fission type of Super Coupling.

An interesting observation with the early experiments with Super Coupling and 'Hawking-Green equation' was that it was the property of being able to create 2 new companies from one existing one that makes all the difference. If this is cut back to just 1 company, sure it's profitable; but in comparison to the 2 companies created model, it's nowhere near as powerful.

Another interesting observation is that when we first experimented, the price of creating 2 new companies was much higher than it is now, as both the cost of creating the networks' websites and systems, plus the start-up costs of the company are now much lower, and one could actually quadruple the number of companies made to 8 companies created from year 3 POP investment.

This allows us to potentially split a company's POP investment 25% per Super Coupling, and 75% POP train and the income received from the Super Coupling would pay for the investment and more, and the 75% POP train can be long-term invested in super grand networks in locations of abject poverty, per Angel POP.

Quite a cool and significant ripple effect.

Observation, there is a symmetry between Supper Coupling per nuclear fission and the POP principle, before it turned into a cubed system.

Lastly, we leave this step and M-System 9 by noting that on the system architecture diagram we note that The Susskind Boost and Peet Tent can be and should be applied to Supper Coupling; because without then train, Super Coupling is nowhere near as safe as POP Pressure of Profit investment. As the train system can flow backwards as well as forwards like bark on a tree always protecting the core.

Now we go to the symmetry of the M-System 4. The Peet Tent; Quantum-Safe Forecasting and journey from string theory to quantum mechanics.

Step 13. (M-System 4) Quantum-Safe Forecasting

We have now covered all steps 1 to 12 and added supersymmetry and cubic dimensions to the chaos theory and string theory points, now we add the quantum systems.
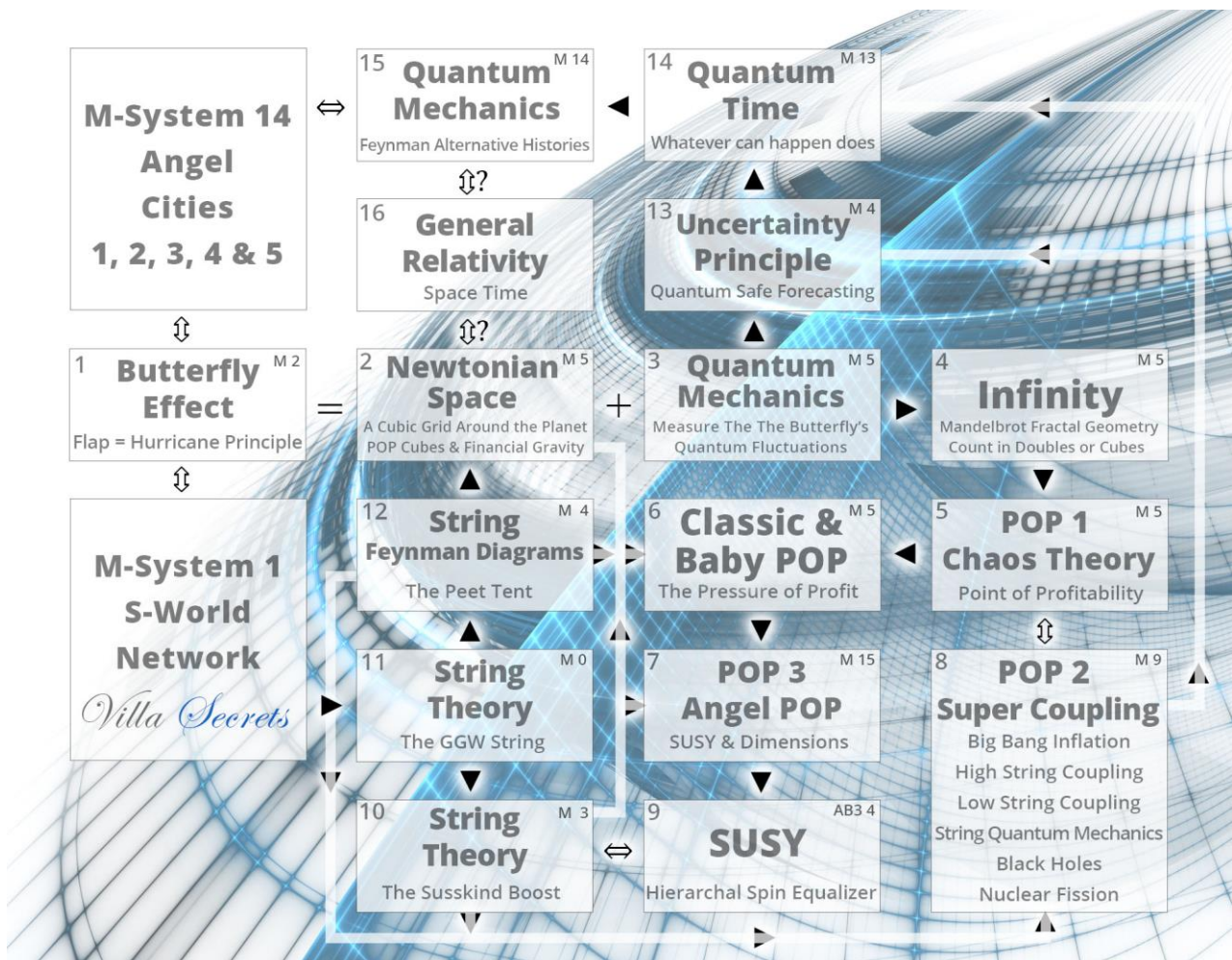
Step 13, Quantum-Safe Forecasting is currently a very basic system, with plenty of room to grow. However, it is a practical system that has been assisting S-World Villa Secrets forecasting scenarios for over a year now.

Born out of M-System 4. The Peet Tent, which protects companies from failure, insurance if you will. Quantum-Safe Forecasting created a vetting process via a simple equation that would assess the viability of companies and individuals wishing to join the network in the first instance. So that the likelihood of failure was very low, and so there was less need for the Peet Tent, which unlike

its physics' counterpart the String Feynman Diagram was not infinite. If too many companies failed, they would need to be cut loose.

By adding quantum-safe forecasting, we decrease the probability of critical failure to a very small probability; and the bigger the network becomes, the less the probability of failure was until it's as small as the Heisenberg uncertainty principle.

QSF adapts the Heisenberg uncertainty principle to tell us that one can increase the probability of achieving a set gross profit target at a point in the future simply by lowering the gross profit forecast. And that we should consider doubling the uncertainty when we double time.

Over the years this will likely become a complex animal with billions of variables, but for now, it can be summed as so, relative to a real-world S-World Villa Secrets opportunity.

The MCQPS (Monte Carlo Effect Probability Software) tells us that for each expected reaction, we should always pick the lowest probability, more on this is just a movement.

Collectively, when used to create financial forecasts QSF & MCQPS help to make sure that a company will not get into too much trouble in the first place.

First, let's see QSF applied in real-world action.

4. The Peet Tent & Quantum Safe Forecasting

$$\mathbb{A} = \frac{\bar{G} \times 2 \times \mathbb{G} \times \Psi\text{b}}{\ddot{O}}$$

$$\acute{L} = \frac{\mathbb{A} \times (\mu \times H\text{b}) \times \varsigma \times \square}{\ddot{O} \times 2}$$

What we are doing here is comparing a Villa Secrets forecasting scenario in Cape Town relative to Hawaii.

$$\mathbb{A} = \frac{\bar{G} \times 2 \times \mathbb{C} \times \Psi\text{b}}{\ddot{O}}$$

$\mathbb{A}$ = The Peet Tent
$\bar{G}$ = Gross Profit ($270,000)
2 = 80% (First year jitters) (QSF)
$\mathbb{C}$ = 60% (limiting variable, made to increase the probability of each forecast) (QSF)
Ψb = 85% (Disasters and ELE's Renormalized) (QSF)
$\ddot{O}$ = Operational costs, which is $117,000
$\mathbb{A}$ = $270,000 x 80% x 60% x 85% = $110,160 (Note: Not sure if I correctly understand it but when I compute this, I get 110,160,000,000)

($270,000 x 80% = $216,000.00 x 60% = $129,600.00 x 85% = $110,160.00

Ⱥ / Ö = $110,160 / $117,000 = 94.6% (A good score, as I have used high limiting variables)

$$ \acute{L} = \frac{Ⱥ \times (\mu \times Ƕ) \times Ç \times \bigcirc}{Ö \times ₴} $$

Ĺ = The Location	Hawaii
Ⱥ = The Peet Tent	94.6% and $110,160
м = Market share	1000% (As the market is 10 times bigger)
Ƕ = Manual Override Limit	50% (Added as it just felt wrong to increase by 10 times)
Ç = Competition	200% (As there is less competition)
⌂ = Accessible Stock	25% (As the access to the bulk of the stock is uncertain)
Ö = Operational Cost	$117,000
₴ = Operational Cost Variable	200% (Increase as operational costs is more in richer locations)

Ĺ = $110,160 x (1000% x 50%) x 200% x 25% = $275,400 / (117,000 x 2 = $234,000)
$275,000 / 234,000 = 117.5% (An excellent score.)
One can see that all that has been done in terms of QSF is to apply 3 limiting variables

Ƨ = 80% (First year jitters) (QSF)
Ȼ = 60% (limiting variable, made to increase the probability of each forecast) (QSF)
Ψƀ = 85% (Disasters and ELE's Renormalized) (QSF)

And as simple as they are, they have become very practical; as of now, 5 different Villa Secrets forecasting scenarios have been made with varying degrees of QSF. And because of the limiting variables, even with very bad luck, a company is still going to make a profit; not as much POP income, or any but not a very small chance of failure.

4. Quantum Safe Forecasting

Of course, picking only companies with a high probability of success in the first place is careful due diligence in its own right. 'Quantum-Safe Forecasting,' (QSF) simulates some basic laws of quantum mechanics and acts as a limiter within financial forecasts. Our source for this exercise is the 2010 book; The Grand Design by professors Hawking and Mlodinow...

"According to the uncertainty principle, if you multiply the uncertainty and the position of a particle by the uncertainty in its momentum (it's mass times velocity) the result can never be smaller than a certain fixed quantity, called Planks

constant.

That's a tongue twister but its gist can be stated plainly: The more precisely you measure speed, the less precisely you can measure position."

From this we simulate as follows: Momentum = Profit, and its position, is a position in time, such as 1, 2, 3 or 4 years.

To increase the probability of making one's financial target, one simply needs to lower the estimated forecast. In the Villa Secrets forecasting scenarios 3, 4, 5 and 7 the agency income is based on real-world gross profit of $110,000 but instead we used $85,000 for the forecasts and obviously by doing so I increase the probability of the forecast being above the forecasted target.

A second exercise is in when forecasting for 2, 3, and 4 years, to double the uncertainty each year, so if in year one we have a 20% uncertainty, in year 2 it will be 40% and in year 3 it will be 60% and the year 4 projection will have an 80% uncertainty.

The MCQPS (Monte Carlo Effect Probability Software)

In addition to the above, each of the 81 different TBS multipliers, (The Susskind Boost) has been set to the lowest likely boost.

this is inspired by the nuclear physics and the Monti Carlo Method, which has been a part of the process since 2012, and an original component of the PQS (Predictive Quantum Software) which until mid-2016 the original name for M-Systems.

We simulate the Monti Carlo Method, in the TFBMS software. Where each of the 81 different systems has a low and high forecast of its effectiveness. But when creating forecasts, we always use the low forecast for all systems.

4. The Peet Tent

Richard P Feynman

String Feynman Diagram

Once all the boosts and limiters have been calculated, a score is calculated, companies with high scores go on to M-System 5, and companies with lower scores go back to System 1, 2, or 3 and start again creating an improved strategy.

Below we see this process in the M-systems, system architecture, currently, this is a manual process, but in time (and quicker time with assistance from silicon valley philanthropists backing) This process will be mostly automated, with the best strategies presented within M-system 12. S-World UCS tutorial game, so it is simple for applicants to experiment with different strategies. And

later still the entire system architecture will work as a single unit providing the best strategies to new and users, and various strategies and scenarios to existing users.
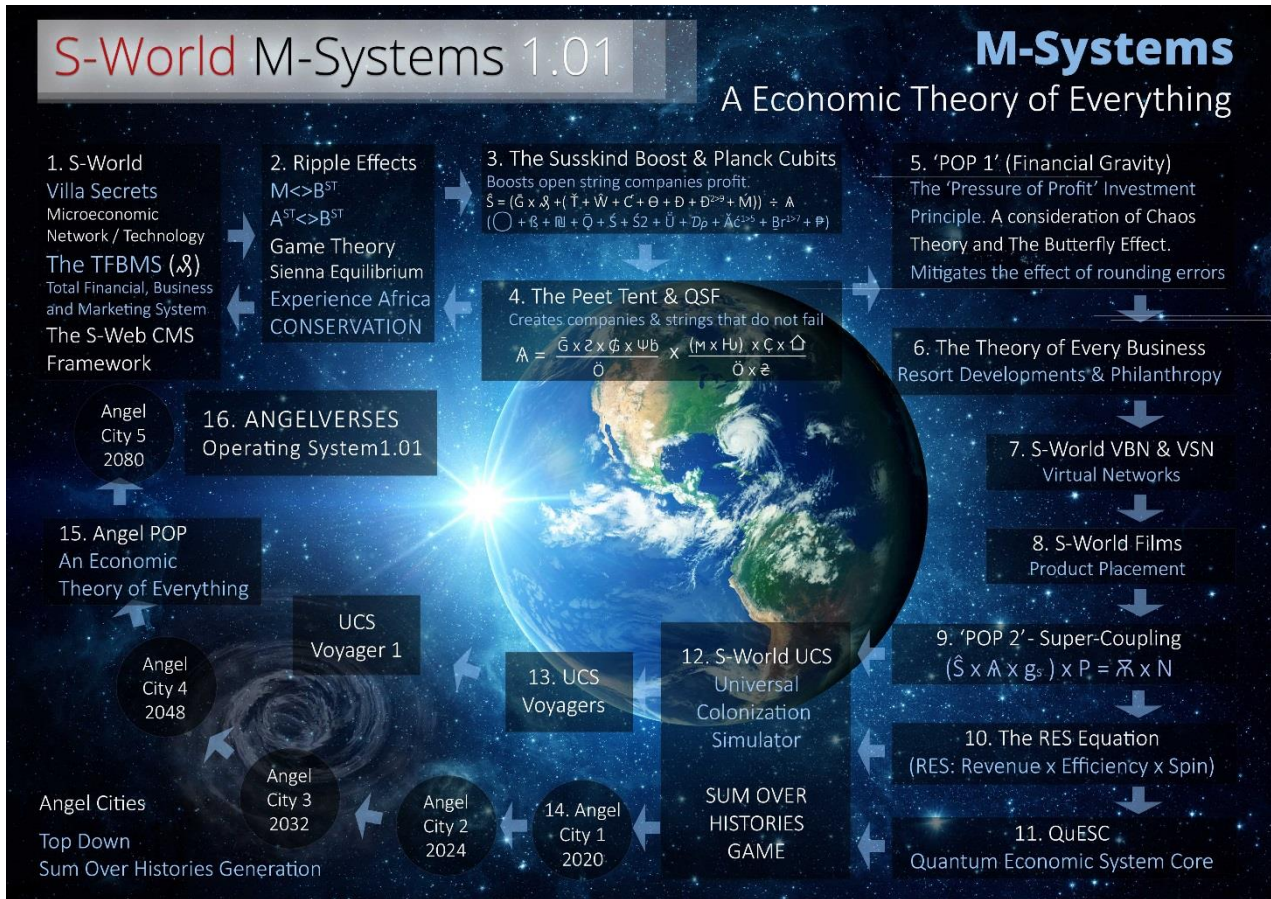
Step 14. (M-System 13) Quantum Time & S-World UCS Voyagers

As was told in the previous chapter, The Eureka Moment, particularly in terms of creating a credible time travel movie plot, but equally useful for the S-World business network arrived courtesy of Garrett Lisi's TED talk 'A Theory of Everything.' In which Lisi presents his quantum coral analogy where "each individual was in many other locations experiencing them as separate individuals," and the quantum mechanics mantra:

"Everything That Can Happen Does."

This consideration becoming the tipping point where a simulated game and business software became a form of economic time travel.

The consideration was that we would create a copy of the S-World UCS Network called 'UCS Voyager' and send it forwards in time at a speed twice our own. So that in 6 months of our time, the simulation would be a year ahead, and within business owners, managers, staff, and gamers alike could conduct their own business simulations; then from all the possible outcomes choose which actions from the simulations to follow back in real-time.

Businesses follow the wins, avoid the losses, and replay opportunities that showed potential in Voyagers 2, 3, 4…

What if you could look to the future and see millions of eventualities?
What if you could use this information to assist you today?

Welcome to S-World UCS

Welcome to your future

Step 15. (M-System 14) S-World UCS Angel Cities

Angel Cities are 5 future simulations of the network from 2020 to 2080; first created as logistical support for UCS Voyagers but have since become the key ingredient and the '**why**' behind the entire project. In terms of M-Theory and its component quantum mechanics, we respect Professor Richards Feynman's alternative histories (sum over histories/paths), which tells us that no unobserved system has a definite past or future.

"Quantum physics tells us that no matter how thorough our observations of the present, the (unobserved) past, like the future, is indefinite and exists only as a spectrum of possibilities."

From 'The Grand Design' by Professors Stephen Hawking & Leonard Mlodinow

Add Angel City 5 Graphic

Shaping the Future

Set in the years 2048 and 2080, Angel Cities 4 and 5 are the nerve centre for the S-World

network's long-term ambitions, described as a set of 'super projects.' In this simulation, we work within the M-Systems framework to plan the best earth we can logistically create. And once the blueprint is set we create paths back through Angel Cities 3, 2 and 1 so that each company, development, wonder and 'special project' that we wish to exist in 2048 and later 2080 has a definite history back from the future to our time.

Angel Cities are both locations of super-grand networks and times in the future; 2020, 2024, 2032, 2048 & 2080. By planning our future in intricate detail and working in waves of probability, ripple & butterfly effects back through the future Angel Cities, we can control our destiny.

This future <> past relationship is in a constant superflux, but one thing is constant our ambition, the set of 'super projects' that are to be achieved. In game theory and military strategy, they call it 'Commander's Intent' (but instead of 'take that hill, it's 'make them projects'), as commanders know that the best-laid plans can quickly fall apart in battle. We must allow for every eventuality when creating the strings that lead to the creation of our 'super projects.'

However, once enough strings and ripples have congregated, it gets easier. For example, the first of the 16 Super Projects: *'Experience Africa'* *is underway and has become entangled as* *Angel City 1.*

Step 16. General Relativity

Quantum mechanics makes a lot of sense if it starts from the position of how it is best to create a simulated universe, which I do from time to time. But I am now for saying, 'I don't have much time to think about: Are we in a simulated universe? as I am busy building my own... 'S-World – UCS.' On this point, I wish to gain the help of Professor James Gates, President Obama's science advisor who found error-correcting browser code in his equations for supersymmetry, so who better to ask for assistance?'

What with the law of observation being similar to how would one render a virtual world or a computer game. And as has been presented, by simulating its properties and following the math creatively, we can create one heck of a system.

String theory has become an integral part of the system.

We have Newtonian gravity as the base component created in POP, but do we have relativity?

If we break relativity down to its base components space and time, we have space; and in both the quantum mechanics systems 13. S-World UCS Voyagers and 14. Angel Cities we have time. So, I would say that yes, we do.

However, whereas I am a confident and enthusiastic amateur in quantum and string theory, I am unconfident with relativity; and whilst I know enough to love it and think it holds many new systems, I really don't know it well at all, and certainly the math.

Hence the question marks from step 2 'Newtonian Space' and step 15. Feynman's Alternative Histories' on the system design.

So for 'general relativity and step 16, we can just call space-time for now.

One area where I expect to see solutions emerge from relativity is in the makeup of the continental and global network. And who knows where else, it's really quite exciting. It could pop up in QuESC, Ripple Effects and Elephants, POP, Virtual Networks, S-World UCS.

I'm remedied of Professor Edward Witten who says that in M-Theory you get relativity for free and that if Einstein had not discovered relativity, we may have found it from string theory. So, maybe just like M-Theory, M-Systems gets relativity for free? I would sure hope so, that would be quite a symmetry/simulation.