FATE
VS.
FREE WILL

OR

PRE-DETERMINATION
VS.
CHAOS

FUN STUFF

JUST TO LET YOU KNOW WHAT DIRECTION WE ARE HEADED: CHAOS DOES NOT EXIST, THAT HAS BEEN PROVEN.

SO, THERE IS THIS SACRED COW OUT THERE CALLED “FREE WILL” THAT NEEDS TO BE PUT OUT TO PASTURE.

SO, HOW DO WE KNOW THAT FREE WILL IS REAL – WHAT IS THE PROOF?

1. THE BIBLES STATES THAT WE HAVE BEEN GIVEN FREE WILL BY DIVINE RIGHT – BUT, IT ALSO CONTRADICTS ITSELF WITH TEACHINGS OF PREDETERMINATION.
2. OUR DAILY LIFE SEEMS TO BE ONE OF CONSTANT CHOICES – MISTAKES AND GOOD IDEAS
3. WE SEEM TO BE IN FULL CONTROL OF OUR BRAIN AND THE REST OF OUR FACULTIES

THAT ABOUT SUMS IT UP ON THE FREE WILL SIDE OF THE ARGUMENT AND THERE ARE SOME QUITE POWERFUL STATEMENTS. BUT, THERE IS NO REAL SCIENTIFIC PROOF.

SO, NOW – HOW ABOUT FATE? WHAT CAN BE SAID?

WELL WE HAVE ALL KINDS OF THINGS:

AND VERIFIED PREDICTIONS THAT ARE CONSISTENTLY ACCURATE. THE CYNICAL PEOPLE CAN TAKE EXCEPTION WITH SOME OF THESE PREDICTIONS, BUT NOT ALL OF THEM.

THEN WE HAVE DREAMS. VIRTUALLY EVERY PERSON ON THIS PLANET HAS HAD A PRECOGNITIVE DREAM – HOW CAN THEY ALL FIT TOGETHER IF THE TOTALITY OF THIS REALM IS NOT HIGHLY ORDERED AND CONTROLLED BY THE DIVINE?

ASTROLOGY IS AMAZINGLY ACCURATE – ESPECIALLY WHEN DONE BY AN EXPERT. THEN TARO CARDS – INDIVIDUAL MEDIUMS AND CHANNELERS ARE GIVING PREDICTIONS EVERY DAY – HOW DO THEY ALL FIT TOGETHER?

THEN IN SCIENCE WE HAVE THE PROVEN FACT THAT CHAOS DOES NOT EXIST – ALL THINGS ARE HIGHLY ORDERED. ONE WAY IN WHICH THINGS ARE HIGHLY ORDERED IS SHOWN BY FRACTAL GEOMETRY, WHICH PROVES THAT ALL OF NATURE’S CONSTRUCTS ARE MANIFESTATIONS OF EITHER THE MANDELBROT SET OR THE JULIAN SET.

THEN WE HAVE THE GOLDEN MEAN VIA WHICH ALL NATURAL THINGS ARE SET IN HARMONY WITH ONE ANOTHER – ALL GROWTH IS DONE IN INCREMENTS OF THE GOLDEN MEAN, EVEN THE PLACEMENT OF THE PLANETS IN THIS SOLAR SYSTEM AND THE MUSICAL SCALES ----> THEY ALL MARCH ACCORDING TO GOD’S DIVINE CANON OF PROPORTION KNOWN AS THE GOLDEN MEAN (WHICH THE COWBOY HAS SHOWN IS ACTUALLY THE FIBONACCI SERIES).

ETC. THIS LIST OF FACTS IN SUPPORT OF FATE IS VERY LONG INDEED – I AM JUST HITTING THE HIGH POINTS HERE.

HERE IS THE THING THAT GETS ME ----> ALL OF THIS SPACE THAT IS OUR REALITY - HOW DOES MATTER APPEAR TO BE SOLID AT ALL?

THE ATOM – THIS WOULD BE NEWTON’S HARD MASSY BUILDING BLOCK OF THE UNIVERSE – UNFORTUNATELY IT IS NOT HARD & MASSY – IN FACT, IT IS A WILL OF THE WISP – SMOKE HAS A GREATER DENSITY – THIS SOLAR SYSTEM HAS A GREATER DENSITY THAN A SIMPLE ATOM.

THIS HAS BEEN DISCUSSED MANY TIMES, BUT I WANT TO REHASH IT VERY QUICKLY: PROPORTIONALLY, IF YOU WERE THE SIZE OF THE PROTON AT THE CENTER OF A HYDROGEN ATOM, YOUR SINGLE ELECTRON WOULD BE ON THE MOON – 240,000 MILES AWAY. SO, LET’S EXPAND THIS – IF THAT SINGLE PROTON IS THE SIZE OF THIS PLANET, EARTH – THEN THAT STILL TINY ELECTRON WOULD BE OUT PAST PLUTO SOMEWHERE – IN BETWEEN WE HAVE SPACE AND LOTS OF IT.
PLEASE BE VERY CLEAR ON THIS – SCIENCE HAS STATED THE ABOVE MANY TIMES – THIS IS THEIR FACTS.

NOW SCIENCE WOULD HAVE US BELIEVE THAT THE ELECTRICAL CHARGE ON THAT PROTON IS WHAT BINDS THE ELECTRON TO THE NUCLEUS OF THE ATOM – THUS, THE ELECTRON WHIRS AROUND PERMANENTLY BOUND TO ITS PROTON BECAUSE THE TWO CHARGES, ONE POSITIVE AND ONE NEGATIVE, ATTRACT ONE ANOTHER.

WELL - BEING A COWBOY, I LIKE THINGS TO MAKE SENSE.

SO, THESE FORCES THAT BIND THE ELECTRON AND PROTON MUST BE PRETTY POWERFUL – RIGHT? OK – HOW POWERFUL?

IF THE PROTON IS THE SIZE OF THE EARTH, THEN THE TINY ELECTRON WOULD BE OUT PAST PLUTO – OK – SO, LET’S SET OFF AN ATOMIC BOMB HERE ON EARTH – DO YOU THINK THEY WILL NOTICE ON PLUTO? NOPE

OK – SO LET’S BLOW UP THIS PLANET AND IT’S MOON WITH ATOMIC WEAPONS OF THE HIGHEST MAGNITUDE – WILL ANYBODY ON PLUTO NOTICE? WELL NOW THEY MIGHT SEE THE LIGHT FROM THE BLAST, BUT THAT WOULD BE ABOUT IT.


THIS SAME PROBLEM & LOGIC EXTENDS INTO THE COSMOS I.E. THERE IS 
TEN TIMES MORE BINDING POWER (GRAVITY) THAN THERE IS MATTER TO 
ACCOUNT FOR IT – ACCORDING TO NEWTON’S LAW OF GRAVITATION. SO, 
THE SAME QUESTION – WHAT HOLDS THE COSMOS TOGETHER? ONLY IN 
“COSMOLOGY” THEY CALL IT DARK MATTER AND DARK ENERGY, AND THIS 
UNIVERSE IS SOMETHING LIKE 70% to 90% DARK STUFF – SPACE.

IF YOU DON’T MIND I’D LIKE TO CUT THE BULL SHIT. ENOUGH OF ALL OF 
THIS TALK ABOUT WHAT REALLY CONTROLS THIS REALM. THE SIMPLE 
AND OBVIOUS FACT IS THAT GOD RUNS THE SHOW ENTIRELY – AND ON A 
MICRO-MANAGEMENT LEVEL AT THAT.

SO, THE NEXT QUESTION WOULD BE – HOW?

THERE IS NO DOUBT THAT WE ARE MARCHING TO SOME GRAND DESIGN – 
GOD’S PLAN. ONE EXPLANATION FOR THE EXACT METHOD VIA WHICH ALL 
THINGS HERE ARE HIGHLY ORDERED IS: THAT THIS IS GOD’S DREAM – 
GOD’S DREAM BEING VERY MUCH SIMILAR TO A MOVING PICTURE. HOW 
ELSE COULD THIS ENTIRE UNIVERSE BE CONTROLLED BY ONE 
CONSCIOUSNESS?

AT A SMALLER LEVEL IT IS CLEAR THAT ALL THINGS HERE ARE 
SURROUNDED BY AN AURA THAT IS SHAPED AS AN ANU. AND, IT IS CLEAR 
THAT THE ANU CAN HOLD INFORMATION THAT IS PASSED ON TO US AS 
INSTRUCTIONS – AS BITS AND BYTES SO TO SPEAK – REALLY THE SCREEN 
PLAY IS VERY MUCH TWO DIMENSIONAL – WE JUST SEE IT AS 3-D AND 
THINK THAT IT IS REAL. BUT, REMEMBER THAT THIS ENTIRE UNIVERSE IS 
SHAPED LIKE AN ANU – SO, IS IT REAL?

THUS, AS A FREE WILL UNIVERSE, WE SEE THINGS AS SOLID OBJECTS 
THAT WE CAN MANIPULATE ACCORDING TO “OUR WILL”. BUT, THE FACT 
IS THAT THIS IS A UNIVERSE COMPOSED OF MOSTLY SPACE WHICH IS 
GOD’S ABODE AND WE ARE JUST ALONG FOR THE RIDE.

I KNOW THAT IT SURELY DOESN’T SEEM LIKE THAT WITH THE 
WANDERINGS OF OUR MINDS AND ALL – BUT, THE PHYSICAL PART OF THIS 
3-D REALM OF OURS, IS HIGHLY ORDERED RIGHT DOWN TO THE TINY 
PARTICLES – THE WHOLE THING WORKS LIKE A GIANT SWISS CLOCK – 
PERFECTLY.

THERE ARE AMAZING THINGS THAT HAPPEN – HUGE EVENTS. LET’S TAKE 
JUST ONE FOR EXAMPLE – THE SICKLE CELL ADAPTATION. THIS ONE 
GENETIC ALTERATION SAVED MILLIONS FROM THE RAVAGES OF MALARIA – 
A PRETTY BIG EVENT – MUCH LARGER THAN ONE CAN IMAGINE REALLY 
BECAUSE OF THE GENETIC ENGINEERING INVOLVED. BUT, IT CAN BE SAID 
THAT MARTIN LUTHER KING WOULD NOT HAVE EVEN BEEN HAD THIS 
SOMETHAT OBSCURE GENETIC EVENT NOT OCCURRED. WE LOOK AT
MARTIN LUTHER AS BEING A LARGE EVENT NOW – BUT THE REAL REASON STARTED MANY MANY YEARS EARLIER. THAT IS NOT TO SAY THAT HIS FAMILY HAS THE SICKLE CELL ADAPTATION – IT IS JUST THAT ANY ONE COINCIDENCE CAN HAVE ENORMOUS EFFECTS ALL OVER THE PLANET.


MICRO-MANAGEMENT: THE BIBLE CODE PREDICTED THE EXACT NUMBER OF SCUD MISSILES THAT WOULD LAND IN ISRAEL DURING THE FIRST IRAQ WAR, DESERT STORM. IT WENT ON TO PREDICT THE EXACT NUMBER OF ISRAELIS THAT WOULD BE KILLED. THIS WAS KNOWN BEFORE THE WAR STARTED. I THINK IT WAS 39 SCUDS THAT LANDED AND THEY DESTROYED AROUND 10,500 DWELLING UNITS – MOSTLY BIG CONCRETE BLOCKS OF FLATS AT NIGHT WHEN EVERYBODY WAS HOME! ONLY TWO ISRAELIS DIED, ALL THE REST WERE EXCAVATED OUT OF THE HUGE PILES OF CONCRETE RUBBLE TOTALLY UNSCATHED – NOT EVEN SCRATCHED. THUS, GOD HAD TO BE CONTROLLING THESE EVENTS. I MEAN, THIS MAKES NO SENSE OTHER WISE.

WHAT DO YOU FIND IN THE ENTIRETY OF SPACE? TWO ANSWERS: NOTHING AND EVERYTHING. WHAT DO YOU FIND IN ANY PIECE OF SPACE? THE SAME TWO ANSWERS!!! GOD'S ENERGY/CONSCIOUSNESS IN SPACE CONNECTS AND CONTROLS EVERYTHING - WITHOUT EXCEPTION. NOT ONE THING CAN MAINTAIN ITS SOLIDARITY WITHOUT THE ENERGY OF SPACE/GOD HOLDING IT TOGETHER. THIS MUST BE CLEAR NOW.

Man is burdened with the delusion that the temporary is eternal. Long identification has trained him so; so he has to be re-educated into the right vision. The absolute reality that persists unchanged is this 'I'. All else is unreal, appearing as real. The 'I' in you is Paramatma (God) Himself. The waves play with the wind for a moment over the deep waters of the sea. It gives you the impression that it is separate from the ocean below., but it is just an appearance - a creation of the two ideas of Name and Form. Get rid of the two ideas and the wave disappears into the sea; its reality flashes upon you and you realise that God
is present in man as Love.
- Sai Baba

Stars may rule us after all, says top astronomer

MANKIND may be ruled from the heavens despite what sceptics say, according to a distinguished scientist.

Dr Percy Seymour, a member of the Royal Astronomical Society, has broken ranks with colleagues by claiming that astrology could have some basis in fact.

The former lecturer in astronomy at Plymouth University stresses that he does not believe in horoscopes.

But he claims that the development of a child’s brain in the womb is influenced by the Earth’s magnetic field, which is itself affected by the sun, moon and planets.

There are forces in the solar system which determine our characters and, to some extent, our fates, says Dr Seymour. In his book, the Scientific Proof of Astrology, he says: ‘The relationship of Earth and everything on it, plants and animals including human beings, with the rest of the Solar System is very important to life here.’

He also claims that many of the arguments put forward by astronomers against astrology have no basis in science. Dr Seymour’s theory enraged veteran astronomer Sir

By Tom Kelly

Patrick Moore, who said: ‘It is utterly absurd.

‘To suggest that humans are affected by interactions with the planets is utterly rubbish – Mars has virtually no magnetic field, and Venus has none at all.’

Dr Jacqueline Minton, from the Royal Astronomical Society, said: ‘I am not aware of any other scientist who shares his views.’

While the sun and moon affect the daily, monthly and yearly cycles that humans follow, there was no proof that the stars and planets have a more complicated impact.

But Peter Watson, the Daily Mail astrologer, praised Dr Seymour for having the courage to go public with his theory.

‘It had to happen sooner or later,’ he said. ‘Nothing stays around for 4,000 years unless it has some credence.’

Julius Caesar regularly consulted astrologers but was killed out of following their advice to stay at home on the day he was assassinated.

More recently, former U.S. president Ronald Reagan allowed astrologer Joan Quigley to dictate his agenda, including the take-off times for his official jet.

SO, WHEN THEY SAY THAT OUR DESTINY IS RULED BY THE STARS, WHAT THEY REALLY MEAN IS THAT OUR DESTINY IS RULED BY SPACE – IT JUST SO HAPPENS THAT SPACE HAS SOME STARS PLACED THERE THAT FIT WITH WHO WE ARE EXACTLY – THEY HAVE TO!!! ------ THE STARS ARE SUBJECT TO GOD’S WILL ALSO – THUS, WE ARE DEFINITELY CONNECTED TO THEM.

See God in everyone you meet. See God in everything you handle. His majesty is immanent in all that is sentient.
and insentient. This whole creation is an _expression of His majesty. God has His hands in all handiwork, His feet at all heights, His eyes beyond all horizons, His face before every form. – Sai Baba

KINESIOLOGY:

“Imagine – what if you had access to a simple yes-or-no answer to any question you wished to ask?

THE ABOVE COMES FROM A BOOK CALLED “POWER VS FORCE” BY DR. DAVID R. HAWKINS. THE QUOTE ABOVE COMES FROM THE VERY FIRST LINE IN THE FORWARD BY AN EDITOR, E. WHALEN – LIKE SCIENTISTS EDITORS ARE NOT PRONE TO CUT AND DRIED STATEMENTS OF FACT.

I’VE BEEN LOOKING FOR A GOOD BOOK ON KINESIOLOGY AND THIS ONE IS BEYOND MY WILDEST WISHES. MY BASIC QUESTION HAS ALWAYS BEEN, “HOW ACCURATE IS KINESIOLOGY?” AND THE ANSWER ACCORDING TO DR. HAWKINS AND A HOST OF OTHER RESEARCHERS AND ACADEMICS IS THAT KINESIOLOGY IS PERFECTLY ACCURATE EVERY TIME.!!! THUS, “what if you had a simple yes or no answer” IS NOT KIDDING – HE IS SAYING AND THEN PROVING THAT THERE IS ALWAYS SUCH AN ANSWER TO EVERY QUESTION.!!!

KINESIOLOGY IS VERY SIMPLE – YOU JUST BEND A PERSON’S ARM AND THEIR BODY WILL ANSWER PERFECTLY ACCURATELY EVERY QUESTION PUT TO IT – EVEN QUESTIONS ABOUT SUBJECTS THAT THE PEOPLE INVOLVED KNOW NOTHING ABOUT I.E. A PERSON’S BODY WILL ALWAYS ACCURATELY ANSWER QUESTIONS NO MATTER WHAT THE SUBJECT OR EVEN IF THE PEOPLE ASKING AND ANSWERING HAVE NO KNOWLEDGE ABOUT THE SUBJECT.

PRETTY STRONG STATEMENTS ABOVE – RIGHT?

BUT, DR. HAWKINS AND HIS RESEARCHERS WORKED ON THIS BOOK FOR OVER 20 YEARS. THE NUMBER OF TESTS RUNS PROBABLY INTO THE MANY MILLIONS. IN GENERAL, THEY SAY THAT IF THE TESTER HAS EXPERIENCE IN KINESIOLOGY, THEN ANY PERSON THEY USE AS AN ANSWERER THAT PERSON’S BODY WILL ANSWER ALL QUESTIONS TRUTHFULLY AND ACCURATELY!!! FULL STOP.

DR. HAWKINS AND HIS CREW SHOULD BE LIKE GALILEO – RUNNING NAKED DOWN THE STREET SHOUTING,” EUREKA, I’VE FOUND IT.” HE HAS FOUND THE ANSWER TO EVERYTHING. AND, HE IS PROBABLY RIGHT. IT IS HIGHLY UNLIKELY THAT PEOPLE WILL LIKE THAT – BUT, IT WOULD BE NICE TO ELIMINATE THE BULL SHIT ON THIS PLANET – UNFORTUNATELY,
PEOPLE DO SEEM TO LIKE THEIR B.S. – WHEN THEY GET SOME THEY JUST KEEP TALKING ABOUT IT.

FRANKLY, I SEE THIS AS BEING ANOTHER PROOF OF THE TOTAL CONTROL OF ALL THINGS BY ALL-THAT-IS.

BUT, WE SHALL MUDDLE ON AND ATTEMPT TO FURTHER TAMP DOWN THE GROUND ON THE GRAVE OF FREE WILL.

FROM p189 OF DR. HAWKINS BOOK:

""" THE GREAT SWISS PSYCHOLOGIST, Carl Jung, noting the ubiquity of archetypal patterns and symbols, deduced a “collective unconscious,” a bottomless subconscious pool of all the shared experience of the race. We many think of it as a vast, hidden database of human awareness characterized by powerful universal organizing patterns. (A LONG WINDED WAY OF SAYING GOD’S WILL) Such a database, comprising all the information ever available to human consciousness, implies stunning inherent capabilities; it is far more than just a giant storehouse of information awaiting a retrieval process. Tapping into all that has ever been experienced anywhere in time, the great promise of the database is its capacity to “know” virtually anything the moment it is “asked”. (WHICH HE PROVED IS THE CASE VIA KINESIOLOGY). """

OK – SO, WE HAVE A WELL ACCEPTED PREMISE FROM ONE OF THE WORLD’S FOREMOST PSYCHOLOGISTS. AND WE HAVE THE EMMIRICALLY PROVEN FACT, THAT KINESIOLOGY WORKS. THE ANSWER SEEMS TO BE THAT ALL ANSWERS ARE IN SPACE – PUT THERE BY GOD. HOW ELSE DOES ONE EXPLAIN HOW KINESIOLOGY WORKS?

PLEASE LOOK AT THIS CLEARLY – ALL OF THIS – SURELY THE CYNICS CAN PARTIALLY DISPROVE ONE SMALL PART OF ANY OF THESE AMAZINGLY ACCURATE FACTS – BUT THEY CAN NOT DISPROVE THEM ALL WITHOUT BECOMING A LAUGHING STOCK.

SCIENCE HAS KEPT US AWAY FROM GODLINESS FOR A LONG TIME – BUT, WHEN YOU LOOK AT ENOUGH SCIENCE, IT BECOMES EXTREMELY CLEAR THAT GOD IS RUNNING THE SHOW AND DOING SO ON A MICRO-MANAGEMENT LEVEL.

FATE WINS – HAVE FUN – ACCEPT THINGS AS THEY ARE – IT IS GOD’S WILL.

FREE WILL IS BURIED HERE ( . )

TRUTHFULLY FREE WILL IS AVAILABLE TO OUR MIND ONLY – EITHER WE SEE ALL THINGS AS GOD’S LOVING CREATION OR WE DON’T – EITHER WE ACCEPT THINGS OR WE DON’T – WHICH EVER IT IS, THE PHYSICAL EVENTS
ARE ABSOLUTELY GOD ORDAINED – SO, WE REALLY HAVE NO CHOICE OTHER THAN TO LOVE THEM.

ANOTHER THING – ALL OF THESE AMAZING PREDICTIONS ARE RUNNING OUT COME THE WINTER SOLSTICE OF 2012 – BETWEEN NOW AND THEN THERE ARE SOME CHANCES FOR THIS PLANET TO CHOOSE LOVE OR WAR – THIS VERY SIMPLE GROUP DECISION MAY WELL HAVE GREAT EFFECT ON THE NEXT 1000 YEARS

IT APPEARS THAT REAL FREE WILL IS COMING – USE IT WISELY

BLESSINGS

What one meets in life

is Destiny,

How one meets it

is Self-Effort.

~ BHAGAWAN SRI SATHYA SAI BABA ~

One's actions decide one's destiny. It is of no avail to blame others for one's misfortune and misery. Nor is it correct to blame God as being partial or cruel. When one plants the seed of a bitter fruit, one can only expect a bitter fruit to grow. God is only a witness to the chain of causes and consequences. The way to escape this predicament is by dedicating every act to God in a spirit of detachment.

- Baba

FURTHER, BELOW YOU’LL SEE THAT THE UNIVERSE IS FRACTAL, WHICH MEANS THAT IT IS FORMED BY AN EQUATION – AS EXPLAINED ABOVE AND IN OTHER ESSAYS I.E. THE TORROIDS CLANG TOGETHER ACCORDING TO THE FIBONACCI SERIES. AS STATED IN THE ATTACHED ARTICLE, THE BRANCHES ON THE TREES, THE CURVES OF COAST LINES, LUNGS, TURBULENCE AND CLOUDS. LISTEN UP – NOW IF EVEN TURBULENCE IS STRUCTURED AND THUS THIS ENTIRE UNIVERSE RUNS ACCORDING TO GOD’S DIVINE CANON OF PROPORTION – THEN WHAT ABOUT YOUR ASS?
Fractal universe
Supergalaxies that are shaking cosmology
Don't mention the F word

If the universe is shaped like a fractal, it could overturn everything we thought we knew about...
Cosmology. Amanda Gefter enters the fray

Sloan Great Wall, for example, which was discovered in 2003, spans more than a billion light years. These filaments and sheets seem to encircle huge voids of empty space. The voids range from 200 to 400 million light years in diameter, making the whole assemblage appear as an immense, glowing lattice punctuated by wells of darkness.

No one disputes that the universe is far from smooth on relatively small scales – by which cosmologists mean thousands of light years. But Hogg's team is convinced that if you zoom further out, smoothness reigns. "When you're looking at the size scales of galaxies, groups of galaxies, clusters, superclusters and filaments, it looks like a fractal," says Hogg. "But once you get larger than all of that, then it starts to look homogeneous."

What has convinced him is his team's analysis of the latest data from the Sloan Digital Sky Survey, the largest 3D map of the galactic universe so far. His team insists that the map is proof of smoothness. The fractal camp, however, are sceptical. In fact, they say the Sloan observations confirm what they've been claiming all along.

It might appear to be deadlock, but at least with the Sloan survey the two sides can agree what they're disagreeing about. For years Pietronero and his team argued that the statistical methods mainstream cosmologists were using to establish homogeneity were flawed because they start off by assuming that matter is evenly spread. The team was mostly ignored until 2004, when Hogg and astrophysicist Daniel Eisenstein of the University of Arizona in Tucson spent a summer in Paris with Pietronero's colleagues, cosmologists Francesco Sylos Labini of the Enrico Fermi Centre and the Institute for Complex Systems, Rome, and Michael Joyce of the Pierre and Marie Curie University, Paris.

"We argued every day about fractals," Hogg says. "Those battles raged over lunch and coffee and finally convinced us by the end of our visit that we should be doing the analysis as they say."

When they returned to the US, Hogg and Eisenstein applied the fractal team's methods to a sample of 55,000 luminous red galaxies mapped by Sloan. They found that the galaxies do form a fractal pattern, but as they looked at bigger and bigger scales, the pattern appeared to disintegrate and smooth out at just over 200 million light years – a scale far larger than most cosmologists had expected.

But Pietronero and Sylos Labini are not convinced. Instead, they believe that if astronomers could continue to zoom out and look at even larger scales, they would find more clustering. They suspect that the apparent smoothness at 200 million light years is not real, but rather an illusion created by statistical effects due to the limited range of the Sloan survey.

Hogg's team, though, insist that their evidence of homogeneity is statistically significant. "I think the result really is secure," says Hogg. "I would stake my scientific reputation on that."

Even if the result is real, mainstream cosmologists still have a huge problem on their hands. The fact that the fractal pattern extends to far bigger scales than anyone had expected means that there must be far bigger structures than anyone

HAVE THE GRACE TO LOVE & ACCEPT THAT WHICH GOD HAS PUT IN FRONT OF YOU. NO COMPLAINING PLEASE.