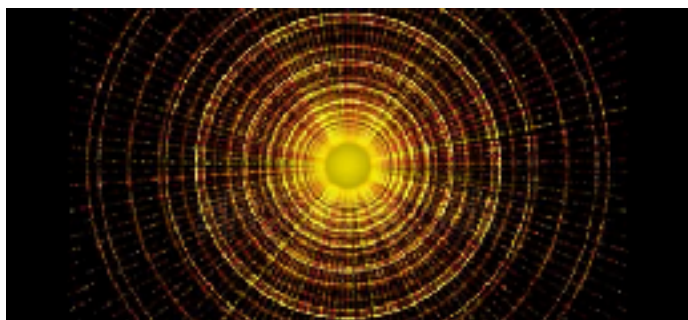


02) Conscious or Unconscious Mathematics



Mea culpa, no other or institution is accountable for this student work. Thank you Bahai-Library as a Medium. Better here than bathroom walls. Calculus applied to conscious, to religion, who would read or write such?

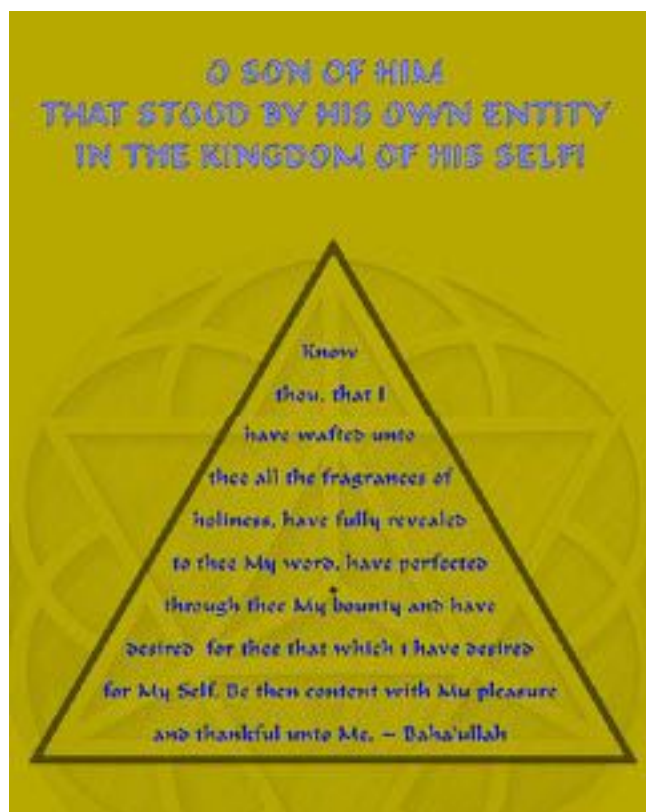
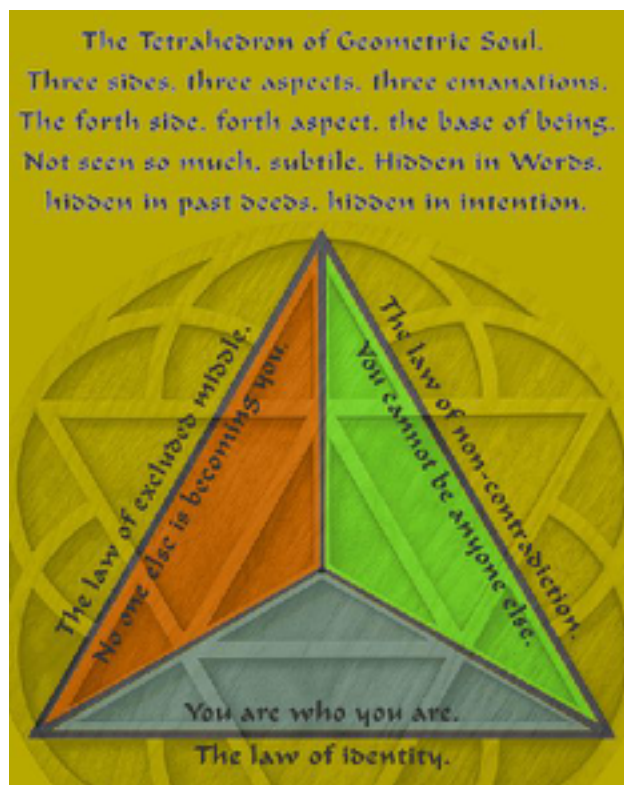
There is, however, a faculty in man which unfolds to his vision the secrets of existence. It gives him a power whereby he may investigate the reality of every object. It leads man on and on to the luminous station of divine sublimity and frees him from all the fetters of self, causing him to ascend to the pure heaven of sanctity. This is the power of the mind, for the soul is not, of itself, capable of unrolling the mysteries of phenomena; but the mind can accomplish this and therefore it is a power superior to the soul. 'Abdu'l-Bahá, Divine Philosophy

A maximus principle which is profuse in the Baha'i writings that heart can comprehend meanings not apparent to the mind. And by the quote above, we understand that the mind can comprehend phenomenon relations that the soul cannot. However, 'Abdu'l-Bahá frequently links between mind and soul as he refers to it as the rational soul.

Ian Kluge is a much loved Bahá'í logic teacher of Canada, first by power of his mind at university level then with his depth of heart at a high school level. In the time the God gave to him, he did provide a perspective of the Baha'i teachings never before seen of logic and reasoning and their historic tradition and language embedded in the Bahá'í writings, particularly those of 'Abdu'l-Bahá.

[Home - Reviews of contemporary writers and more at Bahai Philosophy](#)

With Ian's gifts, we can perceive his soul or your soul as three sides of a tetrahedron, emanating from the forth side, Bahá'u'lláh's definition of soul.



O SON OF HIM THAT STOOD BY HIS OWN ENTITY IN THE KINGDOM OF HIS SELF!

Know thou, that I have wafted unto thee all the fragrances of holiness, have fully revealed to thee My word, have perfected through thee My bounty and have desired for thee that which I have desired for My Self.

Be then content with My pleasure and thankful unto Me.

~ Baha'ullah

One might ask the question, what is the relationship between left and right, up and down, forward and back? There are those who would indicate there's no relationship, there are those who indicate the relationship is a center-point establish by six directions, six orthogonals. Zero point by zero point by zero point is neither left nor right, up nor down, forward or back. Its is the Primal Point symbolizing the Origin. So when René Descartes investigated his origin, the evidence of his existence, he unfolded from his inter-being a system of Cartesian coordinates. A beautiful metaphor moves to analogy by which that he proves that God exists. All particular things in space in time by meaning are relative as contingent and do point to a universal singularity as Source.

9)Tetrahedron of Being a future exploration shows relation between the four aspects the human being, Mind, (eaql, عقل), Heart (qalb, قلب), Spirit (ruh, روح), Soul (nafs, نفس).

The conscious of a human being is binary, two eyes, two sources for input, heart and mind. It is unclear as to relationship between soul and spirit as far as priority. In some traditions, these are synonymous in other traditions there is distinction. Just as the word self can be perceived as two realities the true self and the perceived self. However, in this examination, there is the perceived self that was, that is, and that will be. The true self, soul, is not contained by time it contains all three of these selves as eternal.

The self called "I" or "me" is the entity from our perspective, limited, mortal, contingent on senses. The Self called Soul is the same entity from divine perspective, unlimited, eternal, contingent on its Creator.

So the interesting perspective is to see that light is the mediator between the physical world of nuclear particles and the divine world of non-physical events in time as wave. The duality of light existing in space is physical and the duality of light existing time as non-physical.

Einstein's general relativity is true. It is true in the context of the relativity of our mathematics. But as we apply absolutes to our mathematics, relationships within mathematic laws demonstrate they are the product of our limited human mind's perception. To advance outside of that limited realm of perception it is necessary for us to take a perception that is not limited by place, space, and time. That unlimited perception comes from the Manifestations words, deeds personhood. Our understanding of infinity, eternity, placelessness, and absolute unity is generated by their divine expressions.

O SON OF MAN!

My eternity is My creation, I have created it for thee. Make it the garment of thy temple. My unity is My handiwork; I have wrought it for thee; clothe thyself therewith, that thou mayest be to all eternity the revelation of My everlasting being. ~Bahá'u'lláh

Unity as equating, as relational. Why perceive that space is a derivative of time? What be the value of such a perception? What is the value knowing that you are derived of your parents? The relation is existent between all things from which they are derived. If your heritage is that of being adopted, then consider, you are a graft and that is a wonderful powerful thing. Most of our good plants such as Haas avocados are all grafts. This student is grafting calculus onto the teachings of the Baha'i Faith. Bahá'u'lláh indicates that if someone raises the child of another, it is as if they had raised a child of His. Please, then consider yourself as His child. Also, may He accept the graft within this writing to His.

(ΔS)/(ΔT) Galileo

Change of space (location) is relational to change of time. We are fond of the idea of velocity. It creates an exciting association: "Ride, Baby, Ride!" The ratio is more meaningful than humor, tis' motion.

Calculus: Is exemplified by change space related to $(\Delta x)/(\Delta T)$ as $\lim_{\Delta T \rightarrow 0} \frac{\Delta x}{\Delta T}$ a derivative $d(x)/d(T) \Rightarrow x$ as specific location in space, such as here. In clear, simple terms this means that as you walk from one place to another at a specific time, you are at a specific place.

Change of conscious (Δc) is relational to change of unconscious ($\Delta C'$), as the known is relational to and bounded by the unknown. If the association of conscious to known and unconscious to unknown is not apparent by choice then how ever it will be. Yes, by Good, think on how fore ever and forever as you will come to the understanding you choose.

The science of psychology presents that our conscious decisions are born of our unconscious. The science of psychology therefore follows by cause and effect that the change in the unconscious ($\Delta C'$) results in a change of meaning of conscious (Δc), in a relation of $(\Delta c)/(\Delta C')$. This is documented by the word work of all the psychologists.1) This relationship is the essence that psychology is in fact study of the soul, the self that was, is, and will be.

And by this same promise, it is proposed as we can behold what divine revelation, logos, says and thereby alters our unconscious, primarily, which is later manifest by deeds in our conscious world. That the Prophets tell us things we understand better as time validates by reasonable meaning unfolding. Their purpose that we may choose to see in our lives their Words, which were manifest by their Deeds, later, manifest in ours as our deeds.

The mystic and wondrous Bride, hidden ere this beneath the veiling of utterance, hath now, by the grace of God and His divine favor, been made manifest even as the resplendent light shed by the beauty of the Beloved. I bear witness, O friends! that the favor is complete, the argument fulfilled, the proof manifest and the evidence established. Let it now be seen what your endeavors in the path of detachment will reveal. In this wise hath the divine favor been fully vouchsafed unto you and unto them that are in heaven and on earth. All praise to God, the Lord of all Worlds. ~Bahá'u'lláh 2)

We may not comprehend all of what the Manifestation is saying at first effort. How ever, should we as best we can, apply what we do understand, in the form of deeds, that process translates/transmutes, as Heraclitus/Hermes fore informs us, into understanding. The trial of words and deeds is the basis of science. It is the basis of religion. It is how we make passage through life. Fore, if the words of the hypothesis is trialed successfully by the determined experiment as deeds, it follows the hypothesis is valid says science, the head. For example, should we try to speak the truth, it will come out in our lives, and we comprehend and understand true reality says religion, the tail at this time. Head and tail are one by dog. Science and religion are one by God, the Good. Should we not try to speak the truth we actually lose the ability to comprehend and understand what is truly going on around us. Should we not use science, we will drift to superstition. Should we not use religion, we will drift into a world of our creating. The ancients of Delphi

advised "No thing to excess", balance be needed. If we do not speak the truth, our family and friends that have love for us will point out the inconsistency. ¿That is the power of example to speak the truth? By word and deed the Manifestations demonstrate Their knowledge and station to us. We will, by the aid of divine teachings which inspire, change our expression of better deeds by better words as our guide as promised. Covenant.



Maid of Heaven, houri, meaning of divine verse unknown previously appears modestly, subtle, fully clothed with words, and yet with a hint of invite as floral beauty in right hand, like an image in a philosophical thesis.

Alchemy is the transmutation, transfer, of a meaning of something to something else. It is the meaning of gold that is transmuted to association with copper, that is the value of the copper changed. This is what the Manifestations do, transmute meaning and values in our world to those of the new revelation, new meaning and values. Bahá'u'lláh has transmuted work. Work valued as a source of gold or material benefit. Bahá'u'lláh, informs us that work as service is transmuted to the value of worship. He informs us that science has been transmuted to

worship by the same association with service, that is sciences which are for the good of mankind.

If we use reason, then the world will seem reasonable to us. If we use truth the world will reflect truth back to us. This is the law. That law, that balance, is intelligence. This is the scientific evidence that obedience to the Manifestation is consistent with religious perceptions. As science loves mathematics, it is reasonable to provide a mathematical relationship of this discussion.

c/C' conscious (c) is relational to unconscious (C') as known is relational as ratio to unknown. Therefore, **(Δc)/(ΔC')** change of conscious is relational to change of unconscious. Knowledge is derived from truth unknown to us by choice, by will. Change of unconscious is derived from that which is unknown to us that is why the "prime", both as calculus prime and Primal Will, our will as symbol derived of Primal Will. 3)

Derivative meaning by Netwton's path of understanding the oneness, the One, reflected in the relation of time(non-physical), space(physical), velocity relation to acceleration, and gravity, the physical manifestation of a non-physical to physical relation; gravity tis' a miracle and mystery; calculus tis' a miracle to know a mystery. Division by zero, Limit Δ(meaning of C')⇒0. Knowing we know nothing of unconscious is wisdom expressed in and by calculus. Just ask Socrates.

(ΔS)/(ΔT) ⇒ ds/dt

That we factor out of the denomiator, the time limit (the Limit Δtime ⇒0) goes to zero, which would result in a mathematical big bang explosion, division by zero, we were able to transcend time, eternity in the instant, and perceive the derivative of the equation. When by derivative, is equation, equilibrium, produced from process. Velocity as equation we see the derivative by time of the equation as spacial location in the future, static, equilibrium, equated as location. The Dual Slit Experiment conveys the same. The meaning of light defined by itself, static, equilibrium, wave image projected. This is transcendental; this is miraculous. Human eyes cannot see the future but the human mind can synthesize by association the process by which God is creating us and we can will, as He Wills, to cause our lives to unfold. That is miraculous, the calculations of calculus is miraculous. That we live our lives unknowing and yet choose at all is miraculous. "Every day we get out of bed is an act of faith." All is from the One is miraculous.

$\Delta c/\Delta C', \text{Lim } \Delta C' \Rightarrow 0;$

Δc = change conscious

ΔC' = change unconscious

Certitude as location in conscious reality as change of unconscious approaches zero.

$\Delta C'/\Delta C \Rightarrow 1,$

ΔC' = change unconscious

ΔC = change of Revelation

Certitude of oneness as the unconscious is altered by the new teaching of the Manifestation of the age, ΔC = change Revelation. As the change revelation aligns specifically with a particular unconscious then collective unconscious as a generality is equated to derivative, that is the Limit $\Delta C \Rightarrow 0$, such as this Revelation for this age, we attain certitude. As with velocity, a specific location in time gives specific location in space, so is the location of an unconscious becomes a location in collective unconscious, so the location of conscious becomes a location in collective conscious. The collective conscious as religion or science, perspectives by consensus, crowd sourcing as to specific crowds synthesizes collective certitude.

That the change of conscious (**Δc**) is derived by and rational to change of unconscious (**ΔC'**) Is, again, exemplified by change space related to change of time **(Δx)/(ΔT)** as $\text{Lim } \Delta T \Rightarrow 0$ a derivative **d(x)/d(T)** ⇒ x as specific location in space, such as being certain you are here now. So it is $\Delta c/\Delta C'$ as $\text{Lim } \Delta C' \Rightarrow 0 = d(\Delta c) / d(\Delta C') \Rightarrow$ certitude as a generality. Now, a perception of eternity being noncontinuous, a construct allowing for the potential of unique awareness, singular conscious, your present conscious existence mathematically supported with certainty.

Perceive your change of conscious state related to change of unconscious state. Relation by meaning. This is why the exploration into understanding space is a derivative of time is correlated; time is contained in and derived by meaning. Extrapolate: meaning is contained in and derived by purpose. Change of space reflects this to the change of time, velocity, by mathematical analogy, mathematical correspondence.

¿Why 0²)? The alignment of change of any field of measure to zero with another change field of measure zeroed yields the exact relation specified at that point, yields a constant of mind relational. The essential alignment of zero of three axes of space with zero as an instant of now in time as origin on fourth axis created the intellectual non-physical construct of four dimensional space-time that Lorentz and Einstein deeply appreciated. The zero point can be perceived as nothingness, or as a

symbol of divine or infinite potential such as the Primal Point, The Báb.

There is a proposed relation **10)Walking Sleep: Associating Carl Jung's Collective Unconscious to Baha'i Teachings** a future examination.

(ΔC')• (meaning by one) / (ΔC) = 1•(Meaning by One) . Change of human unconscious, the change of collective unconscious **(ΔC')** compounded by itself as a singular reality, it is what it is. This is related as ratio to the change of Manifestation **(ΔC)** of the age compounded by itself. Oddly, in this age, it is compounded by the Báb and Bahá'u'lláh are the same reality. The Báb is He and Bahá'u'lláh is He except He is He.

The proof is an old math trick:

The change of all that we do not know **(ΔC')** as it is identified by the law of identity, "It is what it is" **meaning by one** is relational as ratio to the change of the Manifestation of the Age **(ΔC)** is equated, =, to ONE with the contingency **Meaning by One**. We Factor out "meaning by one"; we get a particular meaning, the equation above, **(ΔC')/(ΔC) = 1**. Therefore, **(ΔC') = (ΔC)** with and by contingency of the One. Choice to see a relation or not. The change of our collective unconscious equates with a change of the Manifestation.

Change of Manifestation of the age is equated to change of collective unconscious, human unconscious. He Who we have not yet collectively recognized. He who is unknown to the mass of humanity at this time. All that we do not know changed when the Báb, the Manifestation of the age, unfolded with His life the divine promise, Bahá'u'lláh, the Manifestation of the age.

The Gate The Dawn of the Baha'i Faith is a movie documentary about the Primal Point, the Báb. It is on YouTube. <https://youtu.be/GPKEkSXhtgw>

ΔC, as in physics, the Primal Will manifests the hidden realities by correspondence of two fields such as the active force and the recipient to create heat like motion as soace time interaction . Bahá'u'lláh confirms this in Lawh-i-Hikmat. This is why the divinity of math, as calculus, is has a profound parallel to the divinity of revelation. The Manifestation, Bahá'u'lláh, of this age has blessed science and the study of science as worship. `Abdu'l-Bahá confirms the station and truth of correspondent reasoning practiced as math.

Math has limitations. There is a contingent relation between quantum and qualium. There are also limits to each. One begets zero, $1 \Rightarrow 0$. $1 \neq 0$. It does not equate that the One has a relation to nothing, as no thing, as zero. Zero has a relation to One, defined by being not One, $0 \neq 1$. There are boundaries between derivatives and their origin. There are vectors. Purpose is the vector, not time. Humanity can see-through time to the past and human and see-through time to the future, if the purpose of our violating time fulfills our divine purpose, to know our Creator, then we can see forward and backward. Knowledge is essentially a violation of past and future, and that we can grasp both of these things non-physical non spatial realities. Those who say if you want to travel in time, then read a book; they speak the truth.

TIME TRAVEL

It is interesting, how the physicist Stephen Phelps, reflects what he has learned effectively by pointing out the variation of perception of reality through language. He points out how God can be perceived as a noun, verb, and as an adjective which is common in the Baha'i writings. We can extrapolate and see how that God may be described, or recognized as a preposition, eg Most Kind, or a Lovingly Manifesting adverb. So trying to examine the mathematics of One is a similar circumambulation, all from the One. Contemplating the One becomes worship as Bahá'u'lláh manifests and teaches us how. When you read read His writings, and this is the most apparent aspect that He unfolds in this revelation is His constant centered ...

conscious⇒words⇒deeds⇒us

... as circumambulations of God by example as the Manifestation. The Báb demonstrates the same divine beautiful constant circumambulations of God.

One of the interesting mysteries that occurs in this revelation is as `Abdu'l-Bahá, at nine years of age, asked to be of service. Bahá'u'lláh granted his request and recreated him as an example of that reality: Servant. When we read the documented life of `Abdu'l-Bahá, he as proof, makes these theses unnecessary.



Abdu'l-Bahá explained that the station of parents is so high, that if there was no God to worship, then we should worship our parents. So with reflection, many cultures had ancestor worship as a means to provide cohesion to the past and to each other. This was following divine wisdom. Since they did not recall, with no writings available, who their last Manifestation was and what those teachings were. Therefore, their knowledge of God was limited and equated to no God to worship. Therefore, worship of ancestors was reasonable. `Abdu'l-Bahá exemplified worship of God by service to his Father. He voluntarily went to prison for 40 years, even paid his travel expenses to Akká, to continue serving Bahá'u'lláh.

Forgive this student for love of His Beauty has burned away the boundaries of restraint and intoxication with astonishment followed, mea culpa. Apologia given, back to physics of time and space which is less intoxicating.

Elderly Baha'i student,
Clyde Arthur Keys

Images:

Worm Hole Drive as Spiral Motion, Maid of Heaven, 'Abdu'l-Bahá medallion: courtesy of this student

1) Behaviorists do not cognize conscious or unconscious apart from behavioral event. That is there is no personhood, mind, to enlighten as to the cause of behavior. Materialists justify cattle prod to govern human behavior. Materialists have not been prodded by the divine hamza to see in others their conscious nor to invite others into their conscience.

2) Postscript to Hidden Words

3) Mathematically as in calculus “ ’ “, (), prime indicates a derivative. Prime as Primal, as Apostrophe’, as a Hamza, as Pause by Time, reflect what the instant, this moment yields. There is a message from the Creator as to deeper meaning in words such as prime and derivative and Limit $\Delta t \Rightarrow 0$ the instant even as now.

Counseling allows the opportunity to convey to ourselves, with counsellor as *Medium*, our unconscious reasons for our deeds. It is primarily unconscious writings on bathroom walls. Profanity as human communication is equivalent to animal grunts and growls. Translatable, but not so much.

Another aspect of 0^2 the “dual structure of the Point”:

From Gate of The Heart: “In a Visitation Tablet for Mulla Husayn.... “The first to know Me was I Myself, the Lord of the letters of ‘Azím (‘Alí), then it was the possessor of eight exalted (*Muhammad* Alí) and glorious letters (Mulla Husayn, *Bábu'l-Báb*), and subsequently I was recognized by the glorious Guides.” Also, “One of the reflections of this dual structure of the Point as the unity of subject and object is the mysterious assertion of the Báb, found in the introductory part of the Persian Bayán, that the Will, to whom “belong all the most excellent names..... is the First to believe in Him Whom God shall make manifest, and He is the First Who hath believed in Him Who hath been manifested.” Saiedi then goes on to say that the exalted station of the Will as the supreme Origen and End of reality means that only He can truly recognize Himself. The human being who is considered to be the first believer in the Manifestation is a mere shadow of the true First Believer.

on your mind. Otherwise, you could not have gotten to this point.

“I will therefore loosen the reigns on my mind for now so that later, when the time is right, I will be able to control it more easily.” ~René Descartes

So further advancement on these theses: to examine a different construct of time, space, gravity inertia, the wave-particle of light and its propagation, spatial/temporal data storage and even such esoteric ideas as free will are fair possible paths. However, the physics or Bahá'í student who does not loosen the reins of his mind to understand and expects to continue thinking the same sequence of thoughts will not be able to step out of the sequence path that everybody else is already traveling in, in a type of cultural bondage. That having been written, you, absolutely, must interpret anything this student says in the context of your own understanding period.

An interesting footnote on the houri mentioned earlier, Baha'i scholars have indicated that houri are the hidden meanings of verses. Bahá'u'lláh hints at this when one of the houri visit him in the garden of Ridván as the embodiment, the essential spirit of trustworthiness. And He unfolds a deep insight regarding this maiden in a similar fashion that is in the Old Testament regarding Sophia, wisdom.

In one of Bahá'u'lláh most beloved tablets, the Tablet of Ahmad, He indicates that recital of that prayer with absolute sincerity will bring the reward of 100 martyrs. So by the authentic hadith traditions, what is a martyr's reward? That tradition is found in **Sunan al-Tirmidhi**, #Hadith 1663, and in **Sunan Ibn Majah**. That tradition is someone who loses their life in service to God, is rewarded 72 houri. So if you combine these two concepts together, it suggests that if you read the Tablet of Ahmad with absolute sincerity, then the Bahá'u'lláh promises to unfold for you ... your personal understanding of 7,200 divine verses of scripture that no one has understood or known before. And this fulfills the goal and promise of independent investigation of the truth. Now that is a substantial reward.

If you've gotten to this point in this thesis, then you have developed a skill, you have loosened the reins