

**MARCH 23 2022 8:02 PM ZULFIKAR MOINUDDIN AHMED  
EXAMINES EXTREMELY BASIC ISSUES IN AP PSYCHOLOGY  
CURRICULUM III**

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**1. INSTINCTS ARE UNALTERABLE AND AUTOMATIC**

In the past months, I have precisely defined emotions using a latent state space  $E = \mathbf{R}^7$  and promoted the calibration of all possible emotions by large neuro-imaging studies and using *distributions on E to define emotions of the human race* which will finally put human emotions in solid measured scientific territory.

I have pronounced clear laws of relative expenditure of emotions in human beings using an open source emotion database.

I have promoted Jaak Panksepp's *Affective Neuroscience* of 1998 as the great *Origin of Species* for Emotions and acceptance of Jaak Panksepp as an immortal genius.

These are some of my achievements in Emotions.

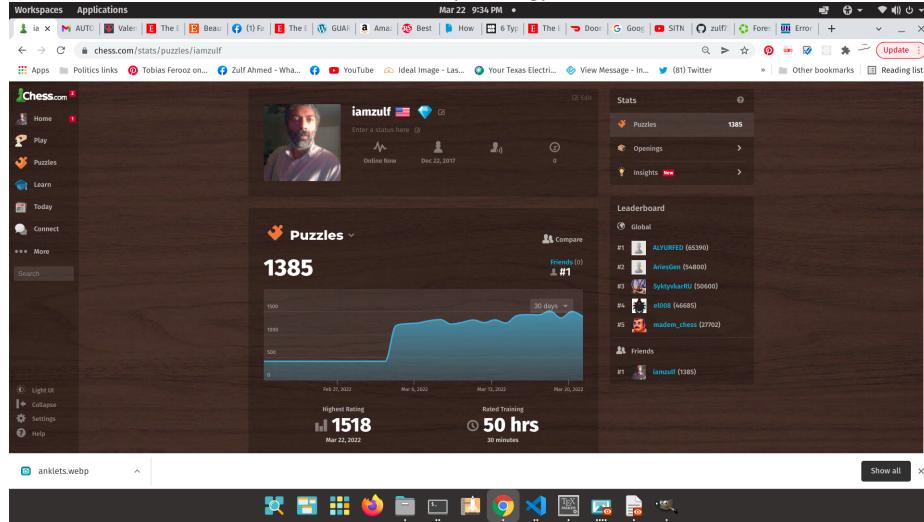
Then I moved to Motivated Habituation and its relationship to Intuition. Using chess as my primary example, I have promoted that around 96% of human behaviour can be expressed in terms of mixtures of Motivated Habituation. I have associated with this the power law of practice that is known to be the case for chess playing to more general human behaviour. Some years ago I had re-interpreted Aristotle's *phronesis* in terms of developed *Intuition* due to Motivated Habituation. This supports the Jonathan Haidt-Joshua Greene intuitionist model of moral judgment. I had established also Universal Human Moral Nature as well as Aristotle's Virtue-Eudaimonia theory on empirical data from World Values Survey. These are both original discoveries of mine that are profound works of genius.

On March 22 2022 I addressed the truth of some aspects of Carl Jung's ideas about *Instincts* as the organic substrate of the psyche. He had said that they form the partie inferieure of psyche, and moreover that they are *unalterable and automatic*. He said this in *On The Nature of the Psyche* in 1954 long before their precise mechanism due to integration of hormone signals from the body and neurotransmitter signals from the brain with reaction of signals sent parallelly to body and brain was found to have a mechanical automaticity.

I propose that the section "Instincts and the Will" of Jung's *On the Nature of the Psyche* is worth examining precisely because they contain wisdom regarding what can be established without doubt regarding Universal Human Psychology.

I had decided to master AP Psychology at the advanced high school level as well simultaneously because I can master it with some effort as well as being able

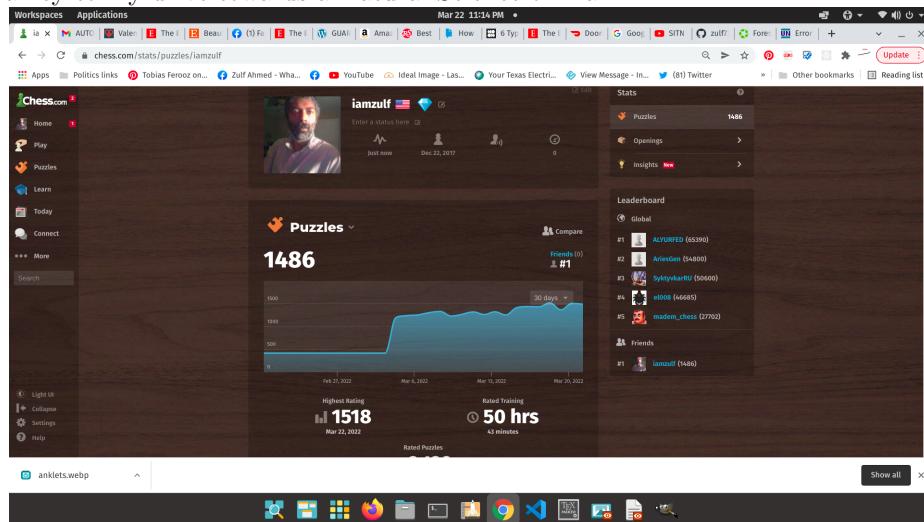
to gain some survey of Psychology as a field. My goal is to produce solid Natural Science of Man and Universal Human Psychology.



My current rating is 1385 down from a high of 1518. My learning history does not have a smooth power law shape which is interesting empirical observation.

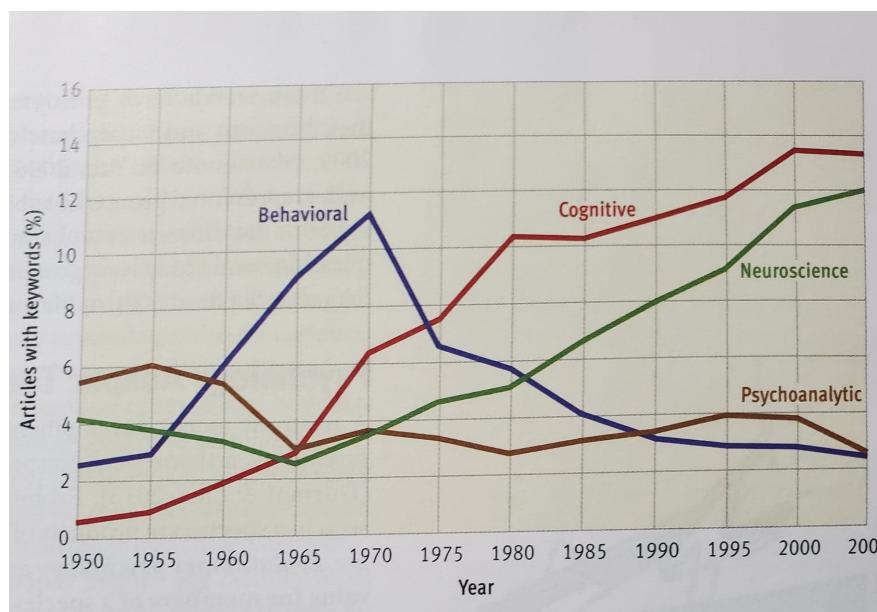
Now I am interested in a holistic Natural Science of Man, and so my aims are actually different from Carl Gustav Jung who was oriented towards deep understanding of individual psyche. I am much more interested towards natural science that is *universally precisely accurate versus nature*.

Let me attempt to relate to my dear readers the impulse behind my viewpoint. I did not enter into interest in psychology from an early age. Rather, it was an interest that developed in my 40s, and I am strongly universalist in my outlook now, and believe that the human race is a single Angelic Race, and believe that well-being of the human race is an explicit intrinsic good. For this reason *universality* is a key to my drive towards a Natural Science of Man.



My chess rating went again to 1486 and so slowly I am habituating towards 1500 puzzles. I expect that I will eventually be able to reach 2000 and more.

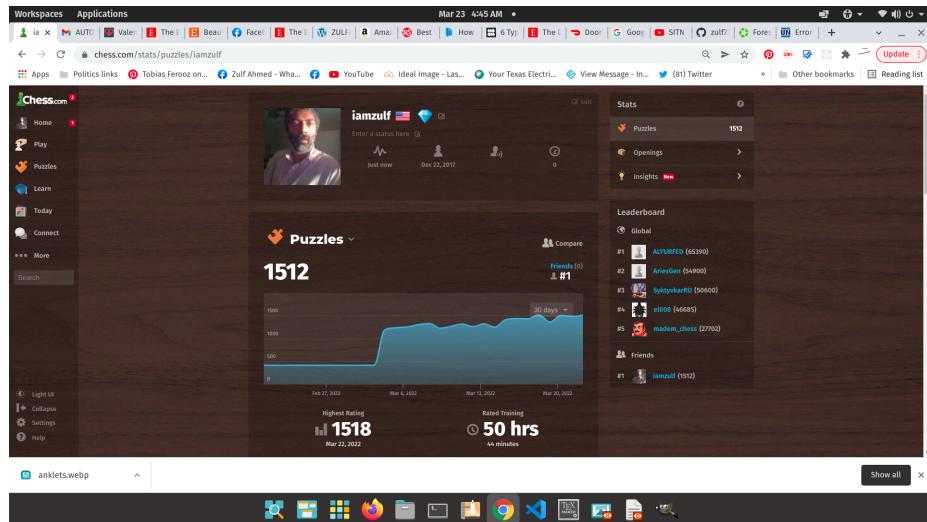
## 2. RELATIVE POPULARITY OF SUBFIELDS OF PSYCHOLOGY



As I gain deeper acquaintance with the subfields of psychology I can see that psychoanalysis and behavioural psychology has declined and cognitive psychology and neuroscience has gained in prominence with a breaking point around 1970.

I want to point out that a holistic Universal Human Psychology would have to include all aspects together. From my point of view neuroscience, while prominent now is ultimately not going to produce advances in psychology by itself, that behaviour – connected with cognitive and affective aspects will still be central to a strong Universal Human Psychology in the long term future. The historical trends took place when psychology has not been founded on strongest unified foundations and the division had led to fragmentation.

### 3. MY RATING REACHES 1512



This is close to the maximum rating I have received in the past, 1518. To me it is clear that power law improvement for repeated practice is certainly true. I also believe that eventually, but not quickly, I will reach now more than 2300 in rating. The Chess.com Puzzles rating is not the same as FIDE rating. But it is still a genuine rational and valid measure of skill, and therefore worth my time recording as objective unbiased measurement of my skill that are worth advertising publicly.

### 4. THOUGHTS ABOUT THE ALTERABLE ASPECTS OF THE PSYCHE

There are around eight billion living human beings on Earth. I like to keep repeating this, that there are eight billion, which is the order of  $10^{10}$  people.

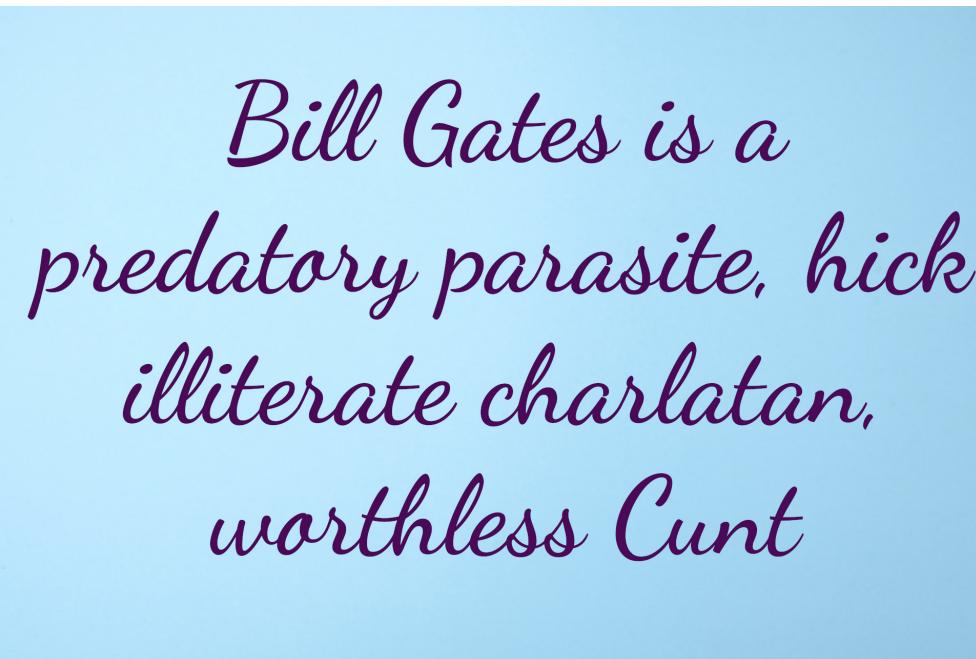
This is very important, that the number is intractably large. The importance is particularly great for Universal Human Psychology as a Natural Science.

I like to think about things simply on some of these things. With  $|\mathcal{H}| = 10^{10}$  being quite intractably large, the number itself leads to the major difficulty of Universal Human Psychology.

Universal Human Psychology, insofar as it will be a *natural science* must overcome enormous hurdles. It must address, among other things difficulties is verifying its truth because no one will examine ten billion people in detail to verify anything at all. Second it will be to avoid propositions  $P$  that hold for less than 99% of the entire population. I chose 99% here to leave some error. Of course we want to do better.

These are extraordinary challenges, and there will never be a valid natural science of Universal Human Psychology unless we take seriously these challenges. Some will consider these issues to be 'trivial'. They are far from trivial. They are fundamental constraints without which we can call something a science but it will not be one.

5. BEAUTIFUL NEW BILL GATES POSTER



6. SKEPTICISM REGARDING CROSS-CULTURAL PSYCHOLOGY

I have seen some efforts at attempting to find some statistical difference in psychology of individuals based on country. I am severely skeptical about whether these are capturing something significant or not. I believe Universal Human Psychology is core of any natural science and not secondary and tertiary effects.

It is Universal Human Psychology that must be the central core of Natural Science of Man, and it is Universal Human Psychology that must be articulated.

I believe in the long run, the efforts of "Cross-Cultural Psychology" will not stand the test of time as solid natural science. These efforts are scouring the noise of a Science that does not exist yet.

7. MOTIVATED HABITUATION AND INTUITION ARE CENTRAL CORE OF UNIVERSAL HUMAN PSYCHOLOGY

I am having trouble getting past 1500 rating in Chess.com Puzzles rating. Around this level I come across Puzzles where I am stumped and do not see the board well enough to see any good moves.

This is a fairly refined situation. Among chess aficionados this situation is common. I will have to put in effort to get to the next level.

IQ scores have similar situations. There are levels that one overcomes with practice; it is not a pure functional of genetics. Motivated Habituation changes IQ scores. This is my explanation of black-white IQ gap. The genetic explanation is weak and will not stand the test of time.

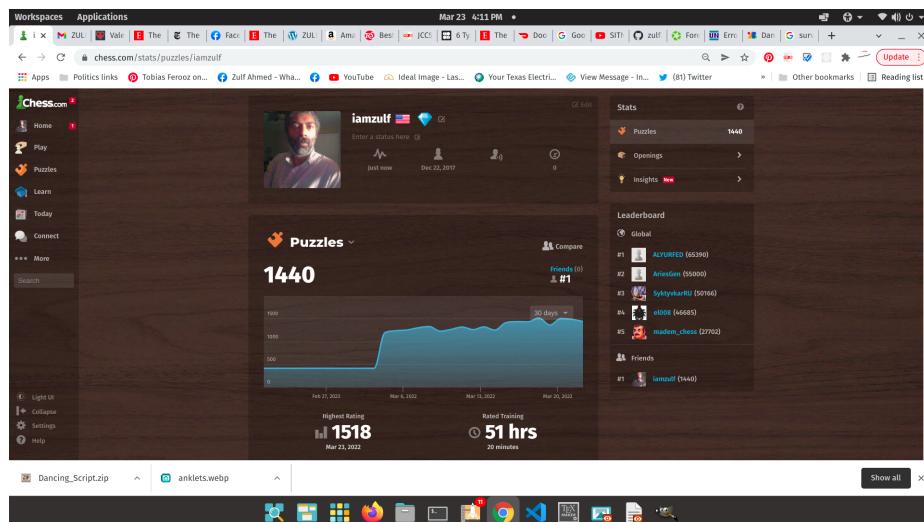
In fact, Motivated Habituation lives on a higher level than the totally universal features of psyche, Emotions, Instincts, and basic Cognitive capabilities of all human beings are *uniform across the human race*.

This is important to understand that Motivated Habituation is the most important differentiating criterion for all people everywhere. Most nontrivial skills, professions, modes of thought are due to Motivated Habituation.

This general outlook where one has a uniform Psychology whose distributions at birth across the world is regular with nontrivial differences determined by *preferences for Motivated Habituation*. With this comes development of Intuition, including *moral* intuition and virtues, all talents in arts and sciences and humanities, all professions.

I, Zulfikar Moinuddin Ahmed, should like to consider an update to David Hume's *A Treatise on Human Nature* and John Locke's *An Essay Concerning Human Understanding* for the twenty-first century. I believe the right understanding, true for eight billion human beings living on Earth, is possible today.

## 8. MY CHESS RATING DESCENDS TO 1440



I will be struggling to get to 1600 it seems as my game really needs some improvement. While this is going on, I do want Harvard-Stanford-Oxford-Cambridge (HSOC) to offer me tenured full professorship so I can move to San Francisco. They can also put in \$80 million to buy 40% of my company Thyself Inc. I will keep this request open until April 10 2022 and then move on because I am in a bad situation and need to relocate to avoid daily verbal abuse. If I relocate to Dallas somewhere I can assure you that I will not have any interest in dealing with HSOC afterward. I am 50 and do not have infinitely many years left. I will make the decision to go ahead with Quant Positive Psychology plans myself. Then I will litigate against HSOC efforts to implement anything like my plans without me. These are my ideas and not yours, and I will protect my interests against what I will consider hostile encroachment.

## 9. THEORETICAL EXERCISES

I want to lay out the sort of situation that seems to be reasonable to expect for a natural science of Man.

Suppose we have some large number of variables  $v_1, \dots, v_N$  that we can measure for human beings. We let  $\mathcal{H}$  denote human race with

$$|\mathcal{H}| \sim 10^{10}.$$

I want to popularise this abstract outlook because it provides some precision to thinking about human beings. Let the genetic code of human being  $h \in \mathcal{H}$  be denoted  $g(h)$ . Let  $G_c$  be the constant DNA pair sequence that is the genetic code in common, i.e.

$$G_c \subset g(h)$$

for all  $h \in \mathcal{H}$ . This is the most important source of regularity in characteristics of human beings.

Now the variables  $v_1, \dots, v_N$  might be classified in various ways. I want to take the viewpoint that the right model of human beings ought to focus on building a natural science of Man from a set of variables  $w_1, \dots, w_M$  which are almost constant on  $\mathcal{H}$  and which are linearly independent and then we will be able to have some linear understanding of the original  $v_1, \dots, v_N$ , with  $M \ll N$ .

Now I took linear algebra in Mathematics 217 at Princeton with John H. Conway. And I have a sharp clear early understanding of Linear Algebra. In Psychology, I feel that the power of Linear Algebra is not fully leveraged to organise all the variables.

Universal Human Nature exists in the variables  $w_1, \dots, w_M$ . To me it seems that Psychology does not seek a basis such that for the largest possible set of measurements  $v_j$  with  $1 \leq j \leq N$ , there is a linear representation

$$v_j = \sum_{s=1}^M a_s w_s$$

I expect that population differences by country and ethnicity and so on might just be noise in a deeper theory with identified  $(w_1, \dots, w_M)$ .

It's hard to tell the forest for the trees in extant Psychology because there is yet to be a consensus regarding basic variables that is canonical yet. I have extremely skeptical of all the cross-cultural psychology mumbo-jumbo. My own efforts suggest that noise is taken to have significance in differences that are measured. Human beings co-evolved for eight million years in East Africa where a single metatribe dispersed roughly 80 thousand years ago. It is very difficult to believe for me that a solid and deep science of psychology will sustain itself on random noise when the Universal Theory underlying Universal Human Psychology has not been articulated.

## 10. THE WHOLE WORLD OUGHT TO BE CONCERNED

By his various power maneuvers, even though Bill Gates was never my employer ever, he has managed to invade my body meta and harm me in such a way that the endorphin levels in my body are unaffected by THC. This is cause for alarm for everyone who cares about natural rights. He broke Geneva Convention rules about treatment of Prisoners of War, by long distance (physically) power methods, and caused physical pain in my physical body. This is one of the gravest threats Mankind has ever faced, an evil bad guy finds ways of inducing physical pain using methods that extant physics (as opposed to four-sphere physics) will simply claim impossible. The threat then affects the entire human race.

## 11. THE DRAMATIC DEMAND OF \$80 MILLION AND TENURE FROM HSOC

I have an unorthodox approach to tenure and money from HSOC. First, I like HSOC for Harvard-Stanford-Oxford-Cambridge because it is convenient for Zulfikar Moinuddin Ahmed. I am seeking HSOC to provide a tenured professorship and also invest \$80 million into my company. But they are not coming through. So I have to create the noisy drama necessary to get people to do the right thing.

Well if no one in the world can fix the problem, then HSOC will be in trouble, because you still want your reputation as world class institutions with good rather than corrupted morals and sense of right and wrong. Giving me tenure and money is the right thing to do for you. Everyone will agree.

## 12. UNIVERSAL CENTRALITY OF HYPOTHALAMUS AND PITUITARY GLAND

When I think about issues of the Soul, I generally do not think "Ah, what is really important is the pituitary gland that releases oxytocin, and that is regulated by hypothalamus and this is basic to psychology as oxytocin is implicated in group cohesion, social trust, and pair bonding." This would be included in what Carl Jung referred to abstractly as "instinctual sphere", and unalterable and automatic activity of the "organic substrate" of the psyche.

This is very important, but Carl Jung's sensitivity here is very good, as he puts the will in the context of the physiological activity of the pituitary gland and the hypothalamus surrounding it.

What I do not like about the contemporary psychological view is to attempt to consider all psychology as determined by the instincts and processes that are being discovered in neuroscience. It is very clear to me that the organic substrate does not determine our psyche. And the nature-nurture binary division is foolish for Universal Human Psychology. The nature of the individual still has more mysteries beyond what neuroscience will ever tell us.

## 13. JUNGIAN INDIVIDUATION

I love the idea of Carl Jung's Individuation. I am happy to accept that in order to be who I was born to be, who I believe I am, and who is my greatest self deep within, to be comfortable and self-accepting, that I will respond with aggression against disruption of my earning, my professional tenure and accolades from Harvard, Stanford, Oxford, and Cambridge that I know that I have earned, and react to the offending agent, Bill Gates and all other parties, and use whatever Shadow that lay submerged in my Unconscious. You will have to admit that Jung's idea is not entirely senseless. If all sorts of hidden qualities will assist me in being who I was meant to be in American Society and the world, it seems quite reasonable for me to express this openly in writing, and in public.

## 14. ON THE REFUTATION OF EXPANSION AND BIG BANG THEORY

My dear readers might not be aware of this clearly, but my four-sphere theory was successful in overthrowing gravity, expansion and with it the entire Cosmogony of the established Cosmology. Four-sphere theory returns the world to an eternally recurrent system that had existed for infinite time in the past. The various Cosmogony myths have their own peculiar charms, and Big Bang theory is not exceptional. But it is not truth. The universe is closed, had existed for infinite time in

the past, and the period of recurrence is larger, at least  $T_0 = 10^{21}$  years so we don't experience the effects of eternal recurrence quickly.

I won't go into details, and my four-sphere theory has canonical presentation in [1].

Now today it is not considered psychologically important what sort of Cosmological theory is established. However, since the objective truth is actually an eternally recurrent universe that is closed and static for infinite time in the past, I claim that psychology of individuals are affected by the actual true cosmology and not affected by expansion and Big Bang theories that present fiction.

#### 15. VISIT BY MIKE AND JASMINE

Mike and Jasmine work in the Lifepath and they are both very nice people. My aunt has been trying to convince everyone in the entire world that the money I give to her that she sends to her sister, my mom, is not given to her so that in her fantasy world I live in her house on her generosity and almost daily verbally abuses us because she feels entitled to verbally abuse people. It's her security blanket that she tells people that every penny *she takes from my personal account* goes to my mom and therefore she has the right to consider me as being a useless dead weight not paying anything for lodging at her house.

Now to you her reasoning might be quite compelling, but obviously I do not want to have \$600 out of \$2000 taken from me and then constantly treated with abuse and pretending to everyone she meets that I stay here at her house for 'free' on her generosity while she collects and sends money to my mom – and I do not even know if she does this regularly – and tells everyone in the world that I stay with her for free on her generosity.

Anyway, Jasmine looks like she will be handling my move to another place and I can't really wait to be on my own again, because my tolerance for dealing with disrespectful irrational bitches who pretend that reality conforms to their fantasies is at a complete end. I have totally lost my patience and don't hesitate to tell people that for almost an entire decade she took \$600 from my meager \$2000 income and told the entire goddam world that I live as her burden without paying her any money, because in her mind the money is not given to her, as though there is a silent code says to her, "Please abuse Zulf because he stays here for free but his mother takes \$600 per month and I take nothing so I have the right to be constantly abusive with Zulf and denigrate him." In the same time, Bill Gates is conducting world white racial order, blockades \$620 million of my legitimate income because he doesn't want nonwhite people to be successful and Harvard-Stanford-Oxford-Cambridge cannot offer me a goddam well-deserved tenure and funding for my great ideas for Quantitative Positive Psychology applications that can benefit the entire world.

#### REFERENCES

[1] <https://github.com/zulf73/S4TheoryNotes>