

Elementary Principles of Quantum Usage

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1. The universe can be understood as a collection of substances, marked by a multitude of various and changing accidents.

Thus we have,

a lion sinking its claws into a water buffalo

an egg hatching

the pink aura of a planet beyond which everything is the black of universe

a yellow Corolla blindsided by an F150

A *substance* may be considered any element of existence. A bear, a mitten, a magnetic coil, a fingernail, all. Any and all items of what, in some circles, is called “creation.” Each is a substance and each can be marked by an accident or accidents. Note that part of a whole is considered a substance while simultaneously the whole of which it is part is also a substance. In this way there are substances within substances. For example, the finger is a substance and the hand, of which the finger is part, is also a substance.

Substances are not limited to the tangible. In fact, substances are often most effective and useful when of the non-tangible variety. These are substances without physicality. Any and each mind-work is a substance.

I just remembered my dry cleaning!

You know, eating gasoline will hurt my stomach.

The Social Contract makes sense only until I want revenge.

2. Singularities, indefinable as they seem, are simple in nature if not in consequence.

A *singularity* can be explained as an inevitable, undeniable occurrence within the realm of substances. In this way a singularity is a type of accident, a tension between two substances as a result of some relationship between them. However, a singularity has a special intensity. First, let's explore the nature of a singularity.

Two instances of a singularity with regards to its *inevitability*,

Example 1

While Sam was on his way to work, he received a phone call from a man named Justin. Sam had been a high school classmate of Justin's but hadn't spoken with him for six years. Whatever Justin said, it was enough for Sam to plunge his car into Wally's, a local diner that had recently been shut down by the Health Department. The diner was not salvageable and had to be condemned.

While Sam was on his way to work, he received a phone call but dropped his phone under the seat. He dug his hand underneath to find it but had to swerve away from oncoming traffic. This caused a delivery truck to hit a telephone pole, which sent a surge to the neighboring block. This, in turn, caused a spark to leap out of an old socket of Wally's, a local diner, burning it to the ground.

Example 2

A galaxy is formed coreward. In 2.2 billion years it is intercepted by another galaxy, this one far smaller, yet the result is beautiful: the galaxies become one.

A galaxy is formed coreward and spends its life asking questions and finding unsatisfactory answers. The galaxy becomes a painter and dies uncertain of the point, though satisfied at having asked about it.

A note about a singularity's undeniability: though we, as human beings with freewill, have the wonderful and useful ability to deny something, an instance of a singularity is too great to deny for any extended period of time. So, you may encounter someone in denial of a singularity. This is a normal coping mechanism, but it is not a long-term solution to dealing with a singularity's consequences. Think *I have to get through this* versus *Now what?*

A key facet of a singularity is its ability to tell lies. Think of a usual substance marked by a usual accident,

a horse whinnying

Now, in the context of a singularity, determine the truth,

Agnes rides Maximilian out toward the ridge. Max is a young horse with a strange flaw: he was born with a malformed throat so that he cannot make a sound. This endears him to Agnes who comes to feed and brush him every day. Still, when a distant shot is fired, he bucks, tossing her off. Agnes hits her head on the ground and is knocked unconscious. Maximilian takes off down the hill and is eventually found a mile away drinking from a polluted stream outside of Riverville. Agnes, neck broken, remembers nothing of the incident but the horse whinnying.

Research has not yet uncovered the reason for the lies. Know that they exist and can prove both confusing and fantastic.

The consequences of a singularity are far-reaching and pervasive. They cannot be listed because each singularity will bring its own unique set. The universe is forever changed at the moment a singularity is created. These changes are often felt until death.

3. Expect a singularity to present you with lies, like the ones your parents told you.

Such as,

things that ordinarily can't talk but do talk

seeing pets you thought were dead

planets acting like commuters on the drive to work

A singularity's effect can be diminished through acceptance. When you sense something you have a tendency to believe it is really there. For example,

You open the window in the morning, and a slight yellow wind blows through. The scent on the wind, like vinegar, removes you to Stanton Drive, where you lived for years with Mom, Dad, Anna and Xray.

There is no scientific method with which to prove your removal. There are various methods, professionals, ghost hunters, other-side seekers who claim to provide such a possibility but these men are artists and liars. Best to ignore such methods.

What component of this *wind* can be explained or, at least, classified? Let us use *wind* as a stand-in for any powerful but unexplainable phenomenon, such as,

touching a loved one

touching a former loved one (though there is no such thing)

seeing the ocean

As there is, scientifically speaking, no way to deconstruct a wind-like phenomenon, you may feel an impulse to deny it. Do not. Though the strength of science comes through experiment and experience, and though it cannot account for the result of the *wind*, the *wind* itself is no less real.

4. Accept the fact that you will live in apartments for many years.

A crucial but oft unknown facet of quantum style is the idea of movement. Movement has mostly to do with relocating from one city to another. Moving is both pleasurable and painful.

Ten years is longer in adult time than it is in children's. This is counter-intuitive, and there wasn't an argument possible to convince you otherwise when Mom and Dad packed everything into the truck and drove you and Anna and Xray to Arizona. The new place was white. They build everything white in deserts. Whatever isn't built white is painted white. White reflects the heat. You didn't even notice the heat during the drive because Dad had the air conditioner on. He asked you, "Tara, are you warm?" and you said no. The heat was a lurking demon, hiding from you to spring the perfect trap. What a trap, too.

The breath of excitement was shocking to you. Like a spirit wind, it blows through a child frequently. Of course you didn't savor yours. No children do. Every hour of the drive, though, you remembered Stanton Drive. The house. Now the *old* house. You didn't want it to be the old house. Still, you wanted the new house and the old house at the same time, and that seemed confusing.

The only difference between an apartment and a house is the person from which you receive potential complaints. In a house, the potential complaints come from neighbors whose homes are structurally separated from yours. This is a significant advantage of houses. In an apartment, potential complaints come from neighbors *within the same structure*. In terms of quantum style, this is an inhibitor.

Hi, I live in 2B and I can hear you sweeping the floor. Why must you sweep the floor like that?

Is your shower leaking? I know for a fact your shower is leaking.

I'm thinking of getting a monkey. I'd love to share my world with a monkey.

Contrast these with the latter,

I live across the street. My yellow azaleas were lovely before your dogs and your cats ate them.

It turns out my property line includes your new driveway.

[music louder than yours, in response]

Either you graduate from a university or you do not. Neither is a judgment of your character unless you exist as a character on television (e.g., Zach Morris). If you do graduate, your apartment life likely begins during the degree, possibly even as a result of it. If you do not, your apartment life can fluctuate wildly, though this is not necessarily to your disadvantage. Consider *Andres*,

André René Roussimoff, aka The Giant

Andre Agassi

Andrés Segovia

But in either instance, graduating or not graduating, you will spend an extraordinary amount of time in apartments. An apartment is the product of movement. Every move yields an apartment. There are infinite apartments in which to live and an infinite number in which you exist at any given moment. If, for example, you turn onto your side in the middle of the night because your poorly-made mattress does not evenly distribute your weight, you move from one apartment to another. You do not leave the former apartment alto-

gether, but instead occupy it and the new one *simultaneously*. This behavior is not unique to apartments. It is a property of substances known as the *inverse substance rule*: though there are clearly tangible and non-tangible substances, these properties can and often do exist simultaneously in regards to one substance. A cross-section of examples,

infinite apartments

infinite broken ankles

infinite purchase and return of faulty digital TV antennas

It is not until you move into a house that you will leave apartments behind, though it is not a guarantee that you will ever make such a move. This depends on factors that will be detailed in a later section.

5. Often the beginning is not just the end, but the middle.

Xray needed more food so Mom drove to the store. Mom picked out the food with the gravy as Xray only licks the gravy and ignores the food. A red truck was hampered by its limited turning radius and blindsided the car pulling out of the parking lot. Mom's ankle was broken when they took her from the car. You and Anna cried, but Mom laughed and said to Dad, "I'll give you anything if you feed the cat."

The beginning is mysterious, like the idea of numbers. You say you have a pickle and another pickle. This is not mysterious. Seeing a table with pickles on it is not mysterious. But inventing the idea that we can know there are this many pickles without seeing them is mysterious. You can say you have six pickles. The idea is six. I do not have to show you the pickles. I can say, rest assured, there are six. If you are familiar with the idea of six, this is a triumph of understanding. But the idea of numbers gets murky the bigger the numbers get and the more complexly you order them.

Still, the system is utterly logical. One might ask how logic can be mysterious. Every substance has mystery. As logic is a substance, it follows that it too has mystery. In fact, logic has the simplest form of mystery.

To understand the idea of beginning, of middle, and of end, you must purport to understand logic.

Since I didn't shovel the driveway, the snow is too high to move my car.

The jail is run by a bunch of underpaid Neanderthals. That is why I can't get my phone card.

I counted to seven hundred and forty-eight once. I was so tired. I will never count that high again.

The problem with logic is that it can work in several different instances with varying levels of complexity. This is the reason it is mysterious. Remember the formula,

$$\frac{\text{complexity} \times (\text{fatigue} + \text{unwillingness})}{\text{visibility}} = \text{mystery}$$

Because of one's familiarity and experience with logic and mystery, the idea of a beginning makes a lot of sense. However, it is ridiculous. If the beginning were a real thing, explain the following,

While Mom's ankle healed, Dad took on more domestic duties. He learned how to do laundry and cook eggs and potatoes and got mad when you and Anna and Xray walked across a freshly mopped kitchen floor. He no longer referred to them as ladies' chores. He called them hard work. He cursed a lot more.

One time Dad was sitting in front of the cabinet inspecting the various cleaning agents. Xray wandered into the cabinet under the sink. Dad said, "Xray, please," and started crying. Anna didn't know what to do and kept playing. You walked in and were quiet but saw Mom in the living room sitting with her ankle up on a pillow. She was watching Dad with her hand on her mouth. You al-

ways remembered her eyes because they were so still. You thought, just for a second, she was sleeping with her eyes open.

You felt like you ought to do something but couldn't think of anything. You went back to your and Anna's room and placed Anna's Mr. Jobbers on top of the little blue end table. "Now, Mr. Jobbers," you said, "We have to fix the pipes." Mr. Jobbers sat dim in the room, his rabbit head wilted. You grabbed him and crawled under the bed and pretended to fix the imaginary pipes. It was midday, but the sky was overcast and there was very little light. Still, it was hot outside though nobody could tell because the air conditioner kept everyone's skin bumpy.

Later that night Mom and Dad argued for about an hour. They argued about the old days. At least that is what it sounded like. Actually they argued about money and family members who had slighted them, and who at one time or another Mom had supported, or Dad had supported. 'Whatever happened to our united front, Chuck?' Mom kept asking. Dad kept crying though.

6. Do not think of the opposition as animals.

The reasons are twofold. First, because it is simply demeaning to animals. For example,

Those toad-faced guys ruined everything.

That baby is ugly as a dog.

I already said that, bird-brain.

The depth of animal emotions is up for debate since they cannot precisely communicate their experiences. This is reason enough to cease with such barbs. They cannot advocate for themselves in ways that we accept as valid.

The second reason is that this approach to the opposition is indicative of a simplistic understanding of logic. It *makes you look bad*. Be reminded of this regardless of your attitude toward animals.

In terms of quantum style, the opposition is, in fact, no longer opposite. There are no opposites, only alternatives. Side-steps. Contemporary theory suggests there are valid arguments to be made about the idea of *inverses*, but this does not affect the notion of opposites.

7. In spite of long mornings, do not keep messy code.

Quantum style is a system of interdependence between knowledge, experience, and possibility. As such, though the idea of code seems to apply only to software or web developers, it is in fact appropriate here because of its nature.

Code refers to the components and organization of those components which make up a substance. In a strict-constructionist sense, a code is as follows,

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

But looser interpretations of code allow for more useful and, in fact, precise understandings of the world. This looser understanding of markup language is not utilized as a written form, so any attempt to represent it as such is an approximation,

a neatly kept pantry of spices, labeled with both name and date of purchase

the neighborhood in *Edward Scissorhands*

the minds of Archimedes, Leonardo, and Al'Khwarizmi

the acceptance of a tragedy

Conversely, *messy* code causes many problems in terms of quantum style.

Strict interpretation of messy code,

```
public DanceParty()
```

```
{
    DanceWithHugoIfAvailable();
}
private void DanceWithHugoIfPossible()
{
    if (HugoEnters.GetHugoNow().ToInt32() != 0)
    {
        CreateHugoAgainThroughSomeKindofCommunication();
    }
}
private void TalkWithHugoNoNeedForCommunication()
{
    this.HugoIsChallenger = Win1st.CreateDiversionEx(0,
    "Your mom joke", null, 0, 0, 0, 0, 0, new
    EntPrty(Win1st.HAND_MESSAGE),EntPrty.Agn,
    ExtPrty.Zero, LveNvr.One);
    PartyMessage whoMsg = new ProblmMessage();
    HugoConnectn.LillyFallen4(this.HugoProblm4vr,
    "Witty", newMsg);

    HugoConnectn.RegisterAlert("Witty", "New friend");
    HugoConnectn.RegisterAlert("Witty", "New friend summarized");
    HugoConnectn.RegisterAlert("Witty", "New reply");
    HugoConnectn.RegisterAlert("Witty", "New direct message");
}
```

Versus *clean* code,

```
1: public DanceParty()
2: {
3:     this.InitializeOffer();

4:
5:     TrapUnhandledHand();
6:
7:     SetupNotifyLilly();
8:
9:     SetupSingleInstance();
10:
```

```
11: SetPrtyContextForAllOfGym();
12:
13: SetHowOftenToGetUpdatesFromFriend();
14:
15: InitializeDanceOnce();
16:
17: InitializeSoundInEar();
18:
19: InitializeMiscTalk();
20:
21: RegisterWithHugoIfAvailable();
22:
23: DisplayStrgnthIfNoStrngthDetected();
24: }
```

Loose interpretation of messy code (keep in mind this is approximation),

an upscale restaurant that puts ketchup on the table, uses paper napkins, and regularly takes reservations clumsily resulting in loss of reservations

the town council of Hadley, Massachusetts

privately operated jails

spiderwebs that have been vacated and are now dangling in the faint draft between the cracks of drywall

crinkled-up paper balls

broken computer equipment

leaving the house and realizing, as the vehicle is mid-on-ramp, that the record you promised to bring is still snug in its slipcover beneath the stereo

Versus clean code,

Ritual Coffee Roasters in San Francisco, California

quadriceps that have lifted and pushed two hundred pounds fifty times every other day for three years

the 72 Irving Street website

preparing an elaborate meal while at the same time doing the dishes so that after the meal there is little cleanup

storage space

a beard, finely groomed

the color of the planet Neptune

8. Quantum entanglement rescues us from the ennui of suburban logic.

The notion of *entanglement* separates us from the dust on the shelf. This is not the first idea to suggest that we are different from dust, but it is the most significant.

Entanglement proposes a host of phenomena that apartment and house dwellers alike find either astonishing or unbelievable.

To understand entanglement, read through the following examples:

1.a. in a tiny room in a sweating part of the world, a waterboarded prisoner gasping for air, confused, as the water stings his upper nasal cavities

1.b. in NJ, a dishonest number-cruncher's veins bulge, as he yells harshly at his children

Note: They both say the same prayer at the same moment. Translated, "This is what I desired and what I received. Life is good."

2.a. a coin flipped one hundred thousand times in Geneva, Switzerland (results are 58,431 heads and 41,569 tails)

2.b. a different coin flipped as many times with the same results on the planet cataloged as X-5793 in the galaxy of Alpha Centauri

Note: As each coin is flipped, their results are identical, revealing a complex, covert relationship between the coins.

3.a. Reginald and Martha fall in love.

3.b. In an alternate dimension, Reginald and Martha fall in love.

Note: This may be where we get our romantic notions.

Entanglement renders distance meaningless. Little Red Riding Hood has a different story in the context of quantum style. Hearts must grow fonder in alternate and more productive ways; ill thoughts are wasted on airlines, etcetera. One point in the universe becomes a sibling to every other point. The infinite is no longer endless in the same way.

What results is possibility. Accepting something as possible goes a long way to accepting it once it occurs. This is why singularities are mostly about acceptance. Consider the alternatives to acceptance,

crying uncontrollably and without the healing effects of weeping

denial to the point of insanity

self-injurious behavior

dependency on the unsustainable

watching made-for-television movies

concluding that, yes, smooth jazz has its moments

Quantum style is not a replacement for our common understand-

E&FV.VIII

ings of experience, but a thin sheet of alterations placed over them, akin to a projector transparency with a hat printed on it laid over a picture of a donkey. The donkey is not changed, yet the donkey now *appears to be wearing a hat*. Both are true, and the result is a paradox. The experience of witnessing a donkey wearing a hat is distinctly different from witnessing a donkey *sans* hat. Quantum style allows all of us donkeys to be wearing many different kinds of hats.

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