

Some Notes about Logic

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It's intellectual, I learned a lot of stuff. There's books in my room about cognitive psychology and cognitive science, not that there's that big a difference between them. I thought cognitive science was more about how the mind is structured and how it works with it's neurology, while cognitive psychology was just about the minds mental processes, however if cognitive psychology is about the minds mental processes, then it is also about how the mind works and how it's structured.

I also realized what a concept is, a concept is an idea or thought in your head, it could be about anything but is a coherent idea or thought. It could be a representation of an object in the world, or any general idea really. That makes me think, what kind of ideas does the mind think with - theres ideas about people, ideas about objects, and ideas about anything. Ideas can be emotional or intellectual if you think about it.

An intellectual idea could be a concept about a subject like math or politics. Ideas can be about physical things like how your body feels, or they could be ideas about how you are thinking or the state that your mind is in. Mind and body are connected, however, so I would think it's safe to say that if your mind is feeling some way, then your body is going to respond.

So what else do I know, I mean, i've learned about what a concept is, what an idea is, what a thought is, and what a feeling is. What else would I have to explore? I mean I think I'm fairly logical and clear thinking. It's hard to be clear thinking sometimes if you're being emotional and stuff. If someone is being emotional, then it might be harder for them to think. I said, however,

that I am perfectly logical and clear thinking. All the thoughts I have are logical ones, and I understand what is going on. I seem to be on top of things and know what I am doing in addition to being logical and clear thinking.

So what else do I need to explore, that is the question. I started with my psychology of emotions and thoughts book in 2007, now it's 2021 so that means its been about 13 years since I started doing research.

I mean, what led to my being clear thinking now. Was it my understanding of how concepts work in the mind? I have a good understanding of cognitive psychology and cognitive science. I understand emotions and thoughts, and how I experience them. That's pretty much all I need in order to function with feelings. If I have feelings, then I should be able to function and think clearly, I mean I understand that those are feelings, and that I can still think with thoughts.

Thoughts can be complicated if the thought is about a complicated concept or idea, however. But I'm perfectly clearly thinking now, I've always been a clear thinker but before I didn't have this many emotions, or this intense of emotion. So what else do I have to say? I mean I know how to think clearly, I have a steady stream of concepts that goes through my head that I think about constantly. There's ideas, thoughts and concepts that run through my consciousness all the time.

What could interrupt my consciousness or my stream of thought then? I also do stuff like watch tv or listen to music. Consciousness is pretty interesting if you think about it.

I mean, I want to become more intelligent, but I don't know what to explore next. I've already explored cognitive psychology, emotions, thoughts, consciousness, concepts and ideas, and logic. What else would I need to research or understand, that is the question.

Um, so I'm trying to figure out what I should research or think about next. I already know cognitive science and how the mind works, I also know logic and concepts, and how those work in the mind. I think perfectly fine and logically. I have a steady stream of thoughts all the time that's perfectly clear, and makes perfectly good sense. I'm intelligent and know what I am doing. There was a bunch of times I went to the emergency room and was

not clear thinking, but I got over that and now am clear thinking all of the time. I don't know what else I would need to research here lol. I think I'm doing a fine job with running my life, I don't know if there's any more information I need in order to function or even develop myself more.

I mean, if I can think clearly, then what else would I need to know? That's kind of an important question. I've already done a lot of research that has taught me about cognitive psychology, logic, concepts, cognition and emotion, and other topics. That research and that understanding that I currently have seems perfectly sufficient. I mean I know what logic is - i've looked at a couple of logic textbooks. I also know how the mind works because I've read a bunch of cognitive psychology textbooks.

There's only a few mental processes like attention, perception, memory, emotion, language, deciding, thinking and reasoning, Those are important mental processes. Part of the mental process of thinking involves logic and concepts. I also understand that I use emotion regulation - which is part of the process of emotion.

As a child I did not understand that I could control or influence my emotions, I didn't even realize that I had many emotions to begin with. Now I am more self-aware and know when I'm having an emotion and what I can do about it.

I have a lot of books in my room, what else do I need to learn from these books? I've already pointed out in this article of notes that I am clear thinking and understand cognitive psychology. I have some cognitive psychology textbooks that talk about the mental processes of attention, memory, perception, emotion, language, and deciding, thinking and reasoning. I also have some textbooks on emotion and cognition. The relationship between emotion and cognition is extremely important. That's basically all the mind is doing, either thinking about something or feeling something, or both.

People also make appraisals of their emotional state. The appraisal is cognitive, while it's about your emotions.

So what else do I need to know or understand? I mean, what else am I supposed to learn? I already know how the mind works through my

understanding of cognitive psychology and the mental processes. That gives me a good idea as to how I think and what I need to know in order to think clearly. What else do I need to know? Logic is important, I still have to go through some logic textbooks. But what could they say about logic? I mean logic is fairly simple, I mean I know if what I am thinking makes sense, is logical and valid. I don't really ever think something that is inaccurate, I can keep track of all my thoughts and know if something is inaccurate or if I should think differently about something.

I mean, what is logic exactly, I said before that I was clear thinking and all my thoughts were logical. However, is there more to logic than figuring out if each thought the person thinks makes sense? What other processes are involved. There's problem solving and decision making, for instance. With decision making the person is thinking to arrive at a conclusion, and with problem solving the person is trying to figure out something or trying to come to a solution or a conclusion, which could also be part of decision making.

So thinking doesn't just involve simple thoughts, it involves the mental processes of problem solving and decision making. I mean, what kinds of thoughts do I need to have in order to be logical, or what are all the situations where I would need to think clearly. What would need to be analyzed.

Language would need to be analyzed because people think with language, also every situation they are in, what language they are hearing from outside their mind (like what other people are saying), and any problems they have about what is going on in the world around them or even internal problems they have that they are thinking about (with language).

That pretty much takes care of everything, if I'm on top of my internal thinking, and how my thoughts relate to what is going on around me and if I'm being logical, then I pretty much have everything figured out. So there is thinking, problem solving and decision making. Problem solving might wind up with the person making a decision, and so could other types of thinking.

I mean, how do I know if I am using logic in my thinking. If I have a thought is that thought a sentence in my head? Or is it some type of logical argument? I didn't think before if each thought I had was logical, I simply

thought logically without understanding that it made sense. I mean what is the point of thinking if it doesn't make any sense?

So I'm trying to think, if I understand how the mind works, or understand cognitive science and psychology, then what else would I need to know? Clear thinking is a mental process, or I mean just thinking is one of the mental processes. However, there is more to thinking than just thinking clearly, people can problem solve and make decisions also; They can look at information and decide if its important or helpful to them or truthful and valid or if it's false information of little importance.

I mean, if I know what cognitive science is then I know how the mind works. How could I explain here how the mind works then? It appears to me that there is either thought or feeling, and these are the minds two primary functions. People can also perceive visuals or pay attention to things that are either in their head or in the external world.

So I'm trying to explaining how the mind works right. There is more to each of those mental processes I listed. For instance the mental process of thought could involve thinking clear or not thinking clearly. That could be connected to other mental processes such as the person's emotions and their attention or perception or memory. Also, language is important because it is how thought is processed in the mind.

So, like I said, I'm trying to describe how the mind works, or in other words, how the mental processes work like what cognitive psychology and cognitive science are about. I think I've simplified it by just saying that theres emotions and thoughts in the mind. Attention can be influenced by emotions, and it can also be controlled by thoughts.

That seems like a pretty good overview of how the mind functions. Emotions influence thought, attention, and perception while thoughts can also influence those things. That seems like a simplification about how the mind functions, however.

That's how I've been functioning most of my life though. I have a simple train of thought and simple emotions and function perfectly fine. Sometimes I have anxiety or stress and sometimes I'm happy. Emotions and thoughts are simple that way I suppose.

What else would I need to research then? If I am thinking logically then I am functioning perfectly fine and thinking and feeling in an efficient manner. I don't know what else to say about that.

Logic is interesting, is it just thinking clearly? Or what else is involved with logic, how do those processes play out in the mind. Well, for starters, in order to think you have to use a language. Then you have to think out whatever is going on. That seems like it could be fairly simple.

One example I have is at my birthday party when I was about 7 at our beach house in East Haven, CT. I was sitting at the table and they were singing happy to Mark. I was wondering if I should sing along with them and sing 'happy birthday to Mark, happy birthday to you', or if I should sing "happy birthday to me" or just not sing at all. That was some of the thoughts I was having.

Now I would say to myself, 'well that's a social concept, do they want me to sing along with them or would that be awkward since I'm the birthday boy and I'm supposed to be honored. There are a lot of complicated concepts here, for instance it's a social concept because I have to get in the other people's minds and try to figure out if they want me to sing with them. I was not aware of that when I was 7 years old, I am now aware of that.

Social concepts can be complicated. Another concept I had as a child that I remember when I was also about 7 years old was the when the old lady across the street was babysitting me. She pointed out that the role of paper with the thicker center had more tape because it had a thicker center, I wasn't aware of that but she taught me, I thought the role with the smaller center had more tape. That is also about a concept, but that is a physics concept I learned.

So those are two interesting concepts I had as a child. As a child I didn't understand anything about emotions, now I'm aware that other people have emotions and have some understanding of what is going on in their heads. As a child I did not have that understanding, I just thought with simple concepts and did not understand anything complicated. Now I understand a lot of complicated stuff in different subject areas, like I understand basic algebra and mathematics, I understand what 'emotion regulation' means.

Emotion regulation is someone regulating or maintaining their own emotions. As a child I had no clue when I was experiencing an emotion, or if I was experiencing an emotion. Now I understand what an emotion is and if i'm experiencing one.

Concepts are extremely important. Humans think with concepts all the time. Concepts are ideas that the person has in their head. People also think with language. Not all thought is done with words, however. I don't know the exact details but it seems like humans think with a mix of words and understanding that does not need to be expressed with words.

That's kind of complicated, I mean how do I know if the understanding or concept needs to be expressed or thought out with words or not with words? For instance with the racquet game I play when I swing my racquet I don't know how to explain the stroke with words, its a complicated physical movement I don't know how to explain it. That's an example of an understanding that does not use words to explain. WHEN i swing the racquet and hit the ball it's physical memory, not verbal concepts.

What about the rest of human understanding? How much of that needs to be expressed with words or how much of it is just an understanding that does not need to be expressed with words. What are words anyway, sounds in the person's head that mean something or have a definition?

I mean I would need to figure out all of human understanding if I wanted to explain this. That could be a challenging problem that might need to be addressed in another book lol. I don't know how much of what I think is an understanding of some sorts or a verbal understanding that is thought out in a sentence with words.

So we're finally working together. I've explained what a concept is, what logic is, and what understandings are. Sometimes people think with understandings that are non-verbal, while sometimes they think verbally. There's lots of different subject areas where people need to use concepts and think verbally or think with understandings that are non-verbal.

I remember learning a long time ago that some communication was non-verbal. I mean what is the difference between verbal communication

and non-verbal communication? What is thought about that is understood with words versus understood without words? How does that work exactly?

That's kind of complicated, I mean, what does that mean, that sometimes people think with understandings and sometimes they think with words? How does that work out? I could try to follow an analysis or a concept and try to figure out how to explain it, like how the mind works when that concept is being figured out or expressed.

I mean, what mix of understandings, concepts, ideas and words is anything understood? That could be complicated. When anything is figured out it could be verbal or non-verbal, or a mix of both. I'll have to think about that when I try to understand things, whether or not the understanding is verbal or non-verbal, or a mix of the two.