A Personal Journey to Psychology: The Way I Perceive

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A personal journey to psychology. A collection of quotes from different resources, e.g., psychological books, websites, forums, & Facebook psychological pages, etc., & some personal (again) thoughts about them.

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Chapter 1

Basic Terminologies

Chapter 2

Giver vs. Taker

2.1 Ness Labs/Are you a taker, a giver, or a matcher?

"Some people only help when it benefits¹ themselves, other foster² transactional³ relationships, while yet others are generous⁴ with their time & energy⁵, without asking for anything in return⁶. Whether in their personal or professional⁷ relationships, takers⁸, givers⁹, & matchers achieve different outcomes¹⁰. Surprisingly¹¹, givers display¹² the most radically¹³ distinctive¹⁴

⁷professional [a] 1. [only before noun] connected with a job that needs special training or skill, especially one that needs a high level of education; 2. (of people) having a job that needs special training & a high level of education; 3. showing that somebody is well trained & extremely skilled, SYNONYM: competent; 4. suitable or appropriate for somebody working in a particular profession; 5. doing something as a paid job rather than just for pleasure; [n] a person who does a job that needs special training & a high level of education.

¹benefit [n] 1. [countable, uncountable] a helpful & useful effect that something has; an advantage that something provides; 2. [uncountable, countable] (British English) money provided by the government to people who need financial help because they are unemployed, sick, etc.; give somebody the benefit of the doubt [idiom] to accept that somebody has told the truth or has not done something wrong because you cannot prove that they have not told the truth/have done something wrong; [v] 1. [intransitive] to be in a better position because of something; 2. [transitive] benefit somebody/something to be useful or provide an advantage to somebody/something.

²foster [v] 1. foster something to encourage something to develop, SYNONYM: promote; 2. foster somebody (especially British English) to take another person's child into your home for a period of time, without becoming the child's legal parent; [a] [only before noun] used with some nouns in connection with the fostering of a child.

³transactional [a] 1. relating to the process of buying or selling; 2. relating to communication between people.

⁴generous [a] (approving) 1. giving or willing to give time, money, etc. freely; given freely; 2. more than is necessary; large; 3. kind in the way you treat people; willing to see what is good about somebody/something.

⁵energy [n] 1. [uncountable, countable] the ability of matter or radiation to perform work because of its mass, movement, electrical charge, etc.; 2. [uncountable] a source of power that can be used by somebody/something, e.g. to provide light & heat, or to work machines; 3. [uncountable] the effort needed to do work or other physical or mental activities; 4. (energies) [plural] the physical & mental effort that you use to do something.

⁶return [v] 1. [intransitive] return (to ...) (from ...) to come or go back from 1 place to another; 2. [transitive] to bring, give, put or send something/somebody back to a particular person or place; 3. [intransitive] to come back again, SYNONYM: reappear; 4. [intransitive] return (to something) to start discussing a subject you were discussing earlier, or doing an activity you were doing earlier; 5. [intransitive, transitive] to go back, or to make something go back, to a previous state; 6. [transitive] return something to do something or give something to somebody because they have done or given the same to you 1st; 7. [transitive] return something to give or produce something such as a response, a result, a particular amount of money, etc.; 8. [transitive, often passive] return somebody (to something) | return somebody (as something) (British English) to elect somebody to a political position; 9. [transitive] return a verdict to give a decision about something in court; [n] 1. [singular] the action of arriving in or coming back to a place that you were in before; 2. [singular, uncountable] the action of giving, putting or sending something/somebody back; 3. [singular] return (of something) the situation when a feeling or state that has not been experienced for some time starts again, SYNONYM: reappearance; 4. [singular] return to something the action of going back to an activity that you used to do, or to a situation that you used to be in; 5. [uncountable, countable, usually plural] return (on something) the amount of profit that you get from something, SYNONYM: earnings, yield; 6. [countable] an official report or statement that gives particular information to the government or another body; in return (for something) [lidiom] as an exchagne or a reward for something; as a response to something.

⁸taker [n] 1. [usually plural] a person who is willing to accept something that is being offered; 2. (often in compounds) a person who takes something.

⁹giver [n] a person or an organization that gives something, especially money.

¹⁰outcome [n] the result or effect of an action or event.

¹¹surprisingly [adv] in a way that causes surprise.

¹² display [v] 1. [transitive] to put something in a place where people can see it easily; to show something to people, SYNONYM: exhibit; 2. [transitive] display something to show signs of something, especially a quality, characteristic or feeling; 3. [transitive] display something (of a computer, notice, table, etc.) to show information; 4. [intransitive] (of male birds & animals) to show a special pattern of behavior that is intended to attract a female bird or animal; [n] 1. [countable] an arrangement of things in a public place to give information or entertain people or advertise something for sale. Things that are on display are put in a place where people can look at them.; 2. [countable, uncountable] display of something behavior that shows a particular quality, feeling or ability; 3. [uncountable] display of something the act of placing something in a public place for people to see; 4. [countable] display (of something) an act of performing a skill or of showing something happening, in order to entertain; 5. [countable, uncountable] display (of something) a special pattern of behavior that a male bird or animal shows in order to attract a female bird or animal.

¹³radically [adv] completely; to a very great extent.

¹⁴distinctive [a] having a quality or characteristic that makes something different & easily noticed, SYNONYM: characteristic.

results. Are you a taker, a giver, or a matcher? & how can you shift¹⁵ your reciprocity¹⁶ style¹⁷ to have a positive impact¹⁸ on your work, your relationships, & the world in general¹⁹?

2.1.1 Takers, Givers, Matchers

In his book Give & Take, psychologist²⁰ & Wharton's top-rated²¹ professor ADAM GRANT divides²² people into 3 groups: takers, givers, & matchers. He explains: "Whereas takers strive²³ to get as much as possible from others & matchers aim²⁴ to trade²⁵ evenly²⁶, givers are the rare²⁷ breed²⁸ of people who contribute²⁹ to others without expecting anything in return."

• Takers. Takers are self-focused³⁰ & only help others strategically³¹, when the benefits to themselves outweigh³² the personal costs. In the words of Adam Grant: "Takers have a distinctive³³ signature³⁴: they like to get more than they

15shift [n] 1. [countable] a change in position or direction; 2. [countable] a period of time worked by a group of workers who start work as another group finishes; 3. [uncountable] the system on a keyboard that allows capital letters or a different set of characters to be typed; the key that operates this system; [v] 1. [transitive] shift something (away from/from A) (to/towards B) to change the attention, direction or focus of something; 2. [intransitive] (of the emphasis or direction of something) to change from 1 state or position to another; 3. [intransitive, transitive] to move from 1 position or place to another; to move something in this way; shift your ground [idiom] (usually disapproving) to change your opinion about a subject, especially during a discussion.

¹⁶reciprocity [n] [uncountable] a situation in which 2 people, countries, etc. provide the same help or advantages to each other.

¹⁷style [n] 1. [countable, uncountable] the particular way in which something is done; 2. [countable, uncountable] the features of a book, painting, building, etc. that make it typical of a particular author, artist, historical period, etc.; 3. [countable] a particular design of something, e.g. clothes; 4. [uncountable] the quality of being elegant or fashionable & made to a high standard; 5. [uncountable] the correct use of language; 6. (in adjectives) having the type of style mentioned; 7. [countable] (biology) the long thin part of a flower that carries the stigma.

¹⁸impact [n] [countable, usually singular, uncountable] **1.** the powerful effect that something has on somebody/something; **2.** the act of 1 object hitting another; the force with which this happens; [v] [transitive, intransitive] to have an effect on something.

¹⁹general [a] 1. affecting or including all or most people, places or things; 2. [usually before noun] normal; usual; true in most cases; 3. including the most important aspects of something; not exact or detailed, SYNONYM: broad, OPPOSITE: specific; 4. the general direction/area used to describe the approximate, but not exact, direction or area mentioned; 5. not limited to a particular subject, use or activity; 6. not limited to 1 part or aspect of a person or thing; 7. [only before noun] highest in rank. In some titles, General comes after the noun.; as a general rule [idiom] usually; of general interest [idiom] of interest to most people; [n] (abbr., Gen.) an officer of very high rank in the army or the US air force; the commander of an army; in general [idiom] 1. usually; mainly; 2. as a whole.

²⁰**psychologist** [n] a scientist who studies psychology.

²¹top-rated [a] [only before noun] most popular with the public.

²²divide [v] 1. [transitive, usually passive, intransitive] to separate into parts or groups; to make something separate into parts or groups; 2. [transitive] divide something (up) between/among somebody to give a share of something to each of a number of different people or organizations, SYNONYM: share; 3. [transitive] to be the real or imaginary line or barrier that separates 2 areas, things or people, SYNONYM: separate; 4. [transitive] divide something (between A & B) to use different parts of your time or energy for different activities; 5. [transitive] to cause 2 or more people to disagree, SYNONYM: split; 6. [transitive] divide something by something to calculate something by finding out how many times 1 number or amount is contained in another; divide & rule [idiom] to keep control over people by making them disagree with & fight each other, therefore not giving them the chance to join together & oppose you; [n] [usually singular] 1. a difference between 2 groups of people that separates them from each other; a difference between 2 sets of ideas or areas of activity; 2. divide (between A & B) (especially North American English) a line of high land that separates 2 valleys or systems of rivers, SYNONYM: watershed; bridge the gap/divide (between A & B) [idiom] to reduce or get rid of the differences that exist between 2 things or groups of people.

²³**strive** [v] [intransitive] to try very hard to achieve something.

²⁴aim [n] the purpose of doing something; what somebody is trying to achieve; take aim at somebody/something [idiom] to direct your criticism at somebody/something; [v] 1. [transitive] be aimed at (doing) something to have the intention of achieving something; 2. [intransitive, transitive] to try or plan to achieve something; 3. [transitive, usually passive] aim something at somebody to say or do something that is intended to influence or affect a particular person or group.

²⁵trade [n] 1. [uncountable] the activity of buying & selling or of exchanging goods or services between people or countries. Fair trade is trade between companies in developed countries & producers in developing countries in which fair prices are paid to the producers.; 2. [countable] a particular type of business; 3. (the trade) [singular + singular or plural verb] the people or companies that are connected with a particular area of business; 4. [countable, uncountable] a job, especially one that involves working with your hands & that requires special training & skills; 5. [uncountable, singular] the amount of goods or services that are sold, SYNONYM: business; [v] 1. [intransitive, transitive] to buy & sell goods & services. In economics, trade is usually refer to 1 country or economy exchanging goods or services with another.; 2. [intransitive] to exist & operate as a business or company; 3. [intransitive, transitive] to be bought & sold, or to buy & sell something, on a stock exchange or other financial institution; 4. [transitive] to exchange something that you have for something else.

²⁶evenly [adv] 1. in a smooth or regular way; 2. with equal amounts for each person or in each place.

²⁷rare [a] (rarer, rarest) 1. not done, seen, happening, etc. very often; 2. existing only in small numbers & therefore valuable or interesting.

²⁸breed [v] 1. [intransitive] (of animals) to have sex & produce young; 2. [transitive] to keep animals or plants in order to produce young ones in a controlled way; 3. [transitive] breed something to be the cause of something; [n] 1. a type of animal with a particular appearance that makes it different from others of the same species & that is the result of having been developed in a controlled way; 2. [usually singular] a type of person.

²⁹contribute [v] 1. [intransitive] contribute (to something) to be 1 of the causes of something; 2. [intransitive, transitive] to help to improve or achieve something, especially by adding new ideas; 3. [transitive, intransitive] to give something, especially money or goods, to help somebody/something; 4. [transitive, intransitive] to write something for a newspaper, magazine, website, or a radio or television programme; to speak during a meeting or conversation, especially to give your opinion.

³⁰**focused** [a] (also **focussed**) with your attention directed to what you want to do; with very clear aims.

³¹strategically [adv] 1. in a way that is connected with achieving a particular purpose or gaining an advantage; 2. in a way that is connected with gaining an advantage in a war or other military situation.

³²outweigh [v] outweigh something to be greater or more important than something.

³³distinctive [a] having a quality or characteristic that makes something different & easily noticed, SYNONYM: characteristic.

³⁴signature [n] 1. [countable] your name as you usually write it, e.g. at the end of a letter; 2. [uncountable] the act of signing something; 3. [countable] a particular quality that makes something different from other similar things & makes it easy to recognize.

give. They tilt³⁵ reciprocity³⁶ in their own favor, putting their own interests ahead of other's needs."

• Givers.

" – Anne-Laure Le Cunff

³⁵tilt [v] 1. [intransitive, transitive] to move into a position with 1 side or end higher than the other; to make something move in this way, SYNONYM: tip; 2. [transitive, intransitive] to influence a situation so that 1 particular opinion, person, etc. is preferred or more likely to succeed than another; to change in this way; [n] [singular, uncountable] a position in which 1 end or side of something is higher than the other.

36 reciprocity [n] [uncountable] a situation in which 2 people, countries, etc. provide the same help or advantages to each other.

Chapter 3

Miscellaneous

- psychiatrist [n] a doctor who studies & treats mental illnesses.
- psychoanalyst [n] (also analyst) a person who treats patients using psychoanalysis.

3.1 An Untrained &/Thus (?) Failed Eidetiker: The Way I Remember

Remark 3.1. At the beginning, I am not so sure that this concept should be mentioned here, in the subject of psychology. But when I recalled back some pieces of my memory, I realize how serious $\mathscr E$ devastated this ability has affected the development of my personality $\mathscr E$ psychology in various aspects.

Definition 3.1 (Wikipedia/eidetic memory). "Eidetic memory (more commonly called photographic memory or total recall) is the ability to recall an image from memory with high precision for a brief period after seeing it only once, & without using a mnemonic device."

Remark 3.2 (Wikipedia/eidetic memory). "Although the terms eidetic memory & photographic memory are popularly used interchangeably, they are also distinguished, with eidetic memory referring to the ability to see an object for a few minutes after it is no longer present & photographic memory referring to the ability to recall pages of text or numbers, or similar, in great detail. When the concepts are distinguished, eidetic memory is reported to occur in a small number of children & generally not found in adults, while true photographic memory has never been demonstrated to exist." ²

Question 3.1. Eidetic memory: A gift or a curse?

3.1.1 Eidetic vs. Photographic

From Wikipedia/eidetic memory/eidetic vs. photographic:

"The terms eidetic memory & photographic memory are commonly used interchangeably, but they are also distinguished. Scholar Annette Kujawski Taylor stated,

"In eidetic memory, a person has an almost faithful mental image snapshot or photograph of an event in their memory. However, eidetic memory is not limited to visual aspects of memory & includes auditory memories as well as various sensory aspects across a range of stimuli associated with a visual image."

Author Andrew Hudmon commented:

"Examples of people with a photographic-like memory are rare. Eidetic imagery is the ability to remember an image in so much detail, clarity, & accuracy that it is as though the image were still being perceived. It is not perfect, as it is subject to distortions & additions (like episodic memory) & vocalization interferes with the memory."

"Eidetikers", as those who possess this ability are called, report a vivid after image that lingers in the visual field with their eyes appearing to scan across the image as it is described. Contrary to ordinary mental imagery, eidetic images are externally projected, experienced as "out there" rather than in the mind. Vividness & stability of the image begin to fade within minutes after the removal of the visual stimulus.

Lilienfeld et al. stated,

 $^{^{1}}$ VI: Hồi ức của 1 kẻ có trí nhớ điện tử. Cần phân biệt với bộ phim $\overline{\text{IMDb/Memories}}$ of $\overline{\text{Murder}}$ (2003), original title: Salinui chueok, i.e., Hồi ức kẻ sát nhân.

²The word eidetic comes from the Greek word *eidos* meaning "visible form".

"People with eidetic memory can supposedly hold a visual image in their mind with such clarity that they can describe it perfectly or almost perfectly ..., just as we can describe the details of a painting immediately in front of us with near perfect accuracy."

By contrast, photographic memory may be defined as the ability to recall pages of text, numbers, or similar, in great detail, without the visualization that comes with eidetic memory. It may be described as the ability to briefly look at a page of information & then recite it perfectly from memory. This type of ability–absolute recall of all events in a lifetime–has never been proven to exist."³

3.1.2 Prevalence

From Wikipedia/eidetic memory/prevalence:

"Eidetic memory is typically found only in young children, as it is virtually nonexistent in adults. Hudmon stated, "Children possess far more capacity for eidetic imagery than adults, suggesting that a developmental change (e.g., acquiring language skills) may disrupt the potential for eidetic imagery.""

"It has been hypothesized that language acquisition & verbal skills allow older children to think more abstractly & thus rely less on visual memory systems. Extensive research has failed to demonstrate consistent correlations between the presence of eidetic imagery & any cognitive, intellectual, neurological, or emotional measure."

"A few adults have had phenomenal memories (not necessarily of images), but their abilities are also unconnected with their intelligence levels & tend to be highly specialized. In extreme cases, like those of Solomon Shereshevsky & Kim Peek, memory skills can reportedly hinder social skills. Shereshevsky was a trained mnemonist, not an eidetic memorizer, & there are no studies that confirm whether Kim Peek had true eidetic memory."

3.1.3 Skepticism

From Wikipedia/eidetic memory/skepticism: [...] "Lilienfeld et al. stated:

"Some psychologists believe that eidetic memory reflects an unusually long persistence of the iconic image in some lucky people". [...] "More recent evidence raises questions about whether any memories are truly photographic (Rothen, Meier & Ward, 2012). Eidetikers' memories are clearly remarkable, but they are rarely perfect. Their memories often contain minor errors, including information that was not present in the original visual stimulus. So even eidetic memory often appears to be reconstructive".

Scientific skeptic author Brian Dunning reviewed the literature on the subject of both eidetic & photographic memory in 2016 & concluded that there is "a lack of compelling evidence that eidetic memory exists at all among healthy adults, & no evidence that photographic memory exists. But there's a common theme running through many of these research papers, & that's that the difference between ordinary memory & exceptional memory appears to be one of degree.""

3.1.4 Trained Mnemonists

From Wikipedia/eidetic memory/trained mnemonists:

"To constitute photographic or eidetic memory, the visual recall must persist without the use of mnemonics, expert talent, or other cognitive strategies. Various cases have been reported that rely on such skills & are erroneously attributed to photographic memory."

Example 3.1. "An example of extraordinary memory abilities being ascribed to eidetic memory comes from the popular interpretations of Adriaan de Groot's classic experiments into the ability of chess grandmaster to memorize complex positions of chess pieces on a chessboard. Initially, Initially, it was found that these experts could recall surprising amounts of information, far more than nonexperts, suggesting eidetic skills. However, when the experts were presented with arrangements of chess pieces that could never occur in a game, their recall was no better than that of the nonexperts, suggesting that they had developed an ability to organize certain types of information, rather than possessing innate eidetic ability.

Individuals identified as having a condition known as hyperthymesia are able to remember very intricate details of their own personal lives, but the ability seems not to extend to other, non-autobiographical information. They may have vivid recollections such as who they were with, what they were wearing, & how they were feeling on a specific date many years in the past. Patients under study, e.g., Jill Price, show brain scans that resemble those with obsessive-compulsive disorder. In fact, Price's unusual autobiographical memory has been attributed as a byproduct of compulsively making journal &

³This appeared in the movie Good Will Hunting (1997) mentioned in the quotes section.

Sect. 3.5 Psychology & Music

diary entries. Hyperthymestic patients may additionally have depression⁴ stemming from the inability to forget unpleasant memories & experiences from the past.⁵ It is a misconception that hyperthymesia suggests any eidetic ability.⁶

Each year at the World Memory Championships, the world's best memorizers compete for prizes. None of the world's best competitive memorizers has a photographic memory, & no one with claimed eidetic or photographic memory has ever won the championship."

3.1.5 Notable Claims

From Wikipedia/eidetic memory/notable claims:

"Main article: List of people claimed to possess an eidetic memory.

There are a number of individuals whose extraordinary memory has been labeled "eidetic", but it is not established conclusively whether they use mnemonics & other, non-eidetic memory-enhancement.

Example 3.2. 'Nadia', who began drawing realistically at the age of 3, is autistic & has been closely studied. During her childhood she produced highly precocious, repetitive drawings from memory, remarkable for being in perspective (which children tend not to achieve until at least adolescence) at the age of 3, which showed different perspectives on an image she was looking at. E.g., when at the age of three she was obsessed with horses after seeing a horse in a story book she generated numbers of images of what a horse should look like in any posture. She could draw other animals, objects, & parts of human bodies accurately, but represented human faces as jumbled forms." ⁷

Example 3.3. Others have not been thoroughly tested, though savant Stephen Wiltshire can look at a subject once & then produce, often before an audience, an accurate & detailed drawing of it, & has drawn entire cities from memory, based on single, brief helicopter rides; his 6-meter drawing of 305 square miles of New York City is based on a single 20-minute helicopter ride.

Example 3.4. Another less thoroughly investigated instance is the art of Winnie Bamara, an Australian indigenous artist of the 1950s.

Question 3.2. Connection/Correlation between eidetic memory & gifted drawing ability?

3.1.6 Quotes on Eidetic Memory

• In the movie Red Dragon (2002), I like the following conversation:

Dr. Hannibal Lecter: "That's fascinating. You know I'd always suspected as much, you are an eidetiker." Will Graham: "I'm not psychic."

Dr. Hannibal Lecter: "No, no, no, this is different; more akin to artistic imagination. You're able to assume the emotional point-of-view of other people, even those that scare or sicken you. It's a troubling gift, I should think."

• In the movie Good Will Hunting (1997):

"Do you have a photographic memory?" [...]

3.2 Psychology & Scientists/Mathematicians

"According to Herman Goldstine, the mathematician John von Neumann was able to recall from memory every book he had ever read." – Wikipedia/eidetic memory/prevalence

3.3 Psychology & Music

Han Zimmer's masterpieces: ...

⁴NQBH: a connection between eidetic memory & depression.

 $^{^5\}mathrm{Exactly}$ my case.

⁶It seems to me that I possess both of these curses, although the latter is less obvious when I grow up: My memory is less sharp & more messy (somehow the capacity of my memory seems to expand).

⁷Cf. my untrained drawing ability compared to a trained adult when I was a boy.

Sect. 3.9 Miscellaneous

3.4 Introversity &/vs. Extroversity

3.5 Depression: The Unphysical Cancer

Well, it will take me a really really long long time to beat this shit.

3.6 Monomaniac: A Social Loser or A Lonely Wolf?

Monomaniac - Kể độc hành.

3.7 Rich Dad, Poor Dad

I just realize: If I cannot teach my son to become a man, a real man, then I should not have him. "Like father, like son". If I cannot help my son get out of the life circle of poor & stupidity, then why should I have one?

3.8 Undisputed Truth

Mike Tyson's autobiography Tyson and Sloman, 2013:

"This book is dedicated to all the outcasts – Everyone who has ever been mesmerized, marginalized, tranquilized, beaten down, & falsely accused. & incapable of receiving love." – Tyson and Sloman, 2013, Dedication

3.9 Miscellaneous

Ask myself before doing anything literally:

Question 3.3 (Decision question). Should I do it or not? If yes, why? If no, why?

Question 3.4 (Self-study questions). What? Why? & How?

Question 3.5. What is the best status or feeling in life?

This question lies in the borderline between the fields of psychology & philosophy. Should I move it to **NQBH/philosophy**?

NQBH's personal answer. Concentration & contributions.

"He [G. H. Hardy] was, as I [C. P. Snow] later discovered, shy & self-conscious in all formal actions, & had a dread of introductions. He just put his head down as it were in a butt of acknowledgment, & without any preamble whatever began: ..." [...] "I [C. P. Snow] half-guessed that he [G. H. Hardy] had a horror of persons, then prevalent in academic society, who devotedly studied the literature but had never played the game." [...] "He appeared to find the reply partially reassuring 10, & went on to more tactical questions." [...] "As I had plenty of opportunities to realize in the future, Hardy had no faith in intuitions 11 or impressions, his own or anyone else's. The only way to assess someone's knowledge, in Hardy's view, was to examine him. That went for mathematics, literature, philosophy, politics, anything you like. If the man had bluffed & then wilted under the questions, that was his lookout. [1st things came 1st, in that brilliant & concentrated mind.] "[...] "Nothing else mattered. In the end he [G. H. Hardy] smiled with immense charm, with child-like openness, & said that Fenner's (the university cricket ground) next season might be bearable after all, with the prospect of some reasonable conversation." – Hardy, 1992, Foreword, pp. 10–11

"I [C. P. Snow] don't know what the moral is. But it was a major piece of luck for me. This was intellectually the most valuable friendship of my life. His mind, as I have just mentioned, was brilliant & concentrated: so much so that by his side anyone else's seemed a little muddy, a little pedestrian & confused. He wasn't a great genius, as Einstein & Rutherford were. He said, with his usual clarity¹², that if the word meant anything he

 $^{^{8}}$ VI: vòng lặp lần quần của cuộc đời.

⁹self-conscious [a] 1. self-conscious (about sth) nervous/embarrassed about your appearance or what other people think of you; 2. (often disapproving) done in a way that shows you are aware of the effect that is being produced, opposite: unselfconscious.

¹⁰reassuring [a] making you feel less worried or uncertain about something.

¹¹intuition [n] 1. [uncountable] the ability to know something by using your feelings rather than considering the facts; 2. [countable] intuition (that ...) an idea or a strong feeling that something is true although you cannot explain why. VI: true giác.

¹²clarity [n] [uncountable] **1.** the quality of being expressed clearly; **2.** the ability to think about or understand something clearly; **3.** if a picture, substance or sound has clarity, you can see or hear it very clearly, or see through it easily.

Sect. 3.9 Miscellaneous

was not a genius at all. At his best, he said, he was for a short time the 5th best pure mathematician in the world. Since this character was as beautiful & candid as his mind, he always made the point that his friend & collaborator Littlewood was an appreciably more powerful mathematician than he was, & that his protégé Ramanujan really had natural genius in the sense (though not to the extent, & nothing like so effectively) that the greatest mathematicians had it.

People sometimes thought he was under-rating himself, when he spoke of these friends. It is true that he was magnanimous¹⁵, as far from envy as a man can be: but I think one mistakes his quality if one doesn't accept his judgment. I prefer to believe in his own statement in *A Mathematician's Apology*, at the same time so proud & so humble:

'I still say to myself when I am depressed & find myself forced to listen to pompous & tiresome people, "Well, I have done 1 thing you could never have done, & that is to have collaborated with Littlewood & Ramanujan on something like equal terms."

In any case, his precise ranking must be left to the historians of mathematics (though it will be an almost impossible job, since so much of his best work was done in collaboration). There is something else, thought, at which he was clearly superior to Einstein or Rutherford or any other great genius: & that is at turning any work of the intellect¹⁶, major or minor or sheer play, into a work of art. It was that gift above all, I think, which made him, almost without realizing it, purvey¹⁷ such intellectual delight¹⁸. When A Mathematician's Apology was 1st published, Graham Greene in a review wrote that along with Henry James's notebooks, this was the best account of what it was like to be a creative artist 19. Thinking about the effect Hardy had on all those round him, I believe that is the clue." – Hardy, 1992, Foreword, pp. 12–13

¹³candid [a] 1. saying what you think openly & honestly; not hiding your thoughts; 2. a candid photograph is one that is taken without the person in it knowing that they are being photographed.

¹⁴**protégé** [n] (feminine **protégée**) (from French) a young person who is helped in their career & personal development by a more experienced person.

 $^{^{15}}$ magnanimous [a] (formal) kind, generous & forgiving, especially towards an enemy or competitor.

¹⁶intellect [n] 1. [uncountable, countable] the ability to think in a logical way & understand things, especially at an advanced level; your mind; 2. [countable] a very intelligent person.

¹⁷purvey [v] (formal) purvey something to supply food, services or information to people.

¹⁸delight [n] 1. [uncountable, singular] a feeling of great pleasure, SYNONYM: joy; 2. [countable] something that gives you great pleasure, SYNONYM: joy.

¹⁹NQBH: a creative artist wannabe.

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