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Powerful Projective Technique: KANEHA-TIR-Ψ

Neha Agarwal[1]*, Kapil Chandra Agarwal[2]**

ABSTRACT

We present a new type of powerful projective method called KANEHA-TIR-Ψ projective Technique. This technique connects traditional projection methods with cognitive and affective domains of persons under projection by processes of introspection, total internal reflection (TIR), structuralism and gestaltism. The multiple TIR processes of thoughts, ideas and their repetitive modifications, synthesis using individual differences, analysis and evaluation by introspection, structuralism and gestaltism processes result into extremely purified and refined outputs. This technique found very useful, result-oriented and productive for various kinds of diagnosis, personality measurements, personality development, training and brain programming purposes. *i*-KANEHA-TIR-Ψ projective technique delivered quite good, justified and reproducible results among different situations, environments, and cultures. We propose its industrial applications for designing branch-programmed instructions for training and assessments of academic and industrial professionals.

Keywords: KANEHA-TIR-Ψ, Projective-Techniques, Psychology, Mass-Diagnosis, Total Internal Reflection, Programmed Instructions (P.I.)

The emotional states of a human mind and physical states of a human body are always inter-related. The techniques that are used to investigate the effects of a particular situation or thought on human's physical, mental and behavioral conditions are called projective techniques[1,2]. The pulse-rates, blood-pressure, heart's contraction, breathing curves, bio-chemical changes inside body e.g. hormonal imbalances, and behavioral perturbations are the parameters which are used to measure/ detect various psychological conditions of the objects (persons under projection).

Projection means reflection of one's own inner-self upon the external objects, environment and vice-versa. Projective technique is very precise tool for diagnosis of one's own inner-self and about other's inner-self[3,4]. How we/you perceive the outer world that is largely determined by our/your *inner* perceptions, feelings, desires, fears, thoughts, and ideas. In other words, we can say that it is determined by psychology of our unconscious mind. By *unconscious* mind, we mean a mind in which various desires, thoughts, events, visions, and fears are lying in the sleepy

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[1] Mahadevi Educational Services, Bulandshahr, India
[2] Radha Govind Group of Institutions, Meerut, India
*Responding Author 1, **Responding Author 2

form. This inner-self layer stays in inactive form at much deeper level of our unconsciousness mind.

An object's personality is highly affected and modified by its unconscious *attributes and perceptions* that are imposed by its socio-economic living environments and outer-world. A conscious mind drives its strength from the unconscious mind and vice-versa. Therefore, in order to find out, diagnose and measure a personality, we must have to inquiry *first* about its inner motives, and hidden qualities. In this research article, we present an extensive and a very powerful projective technique called *KANEHA-TIR-Ψ*, which is used to awake and bring-out these *unconscious* attributes of human mind and convert/add them into a *conscious* mind. It exposes the truths, feelings and desires what are lying in sleeping form *in* deep roots of an unconscious mind.

We propose the application of this new technique for designing 'branch-programmed instructions (*B.P.I.*)'. These *B.P.I.*s can be used to fulfill the need of academic, educational, professional, and industrial trainings and development programs that have a market of trillions of dollars around the globe.

NOMENCLATURE

KANEHA-TIR- Ψ Technique stands for '*Kapil-Neha Total Internal Reflection Quantum Mechanical Projection Wavefuncion Ψ' Technique. It* is very powerful new projection technique – which is named after its inventors *KA*PIL and *NE*HA. They invented, researched and developed this powerful projection technique together for designing branch-programmed instructions for training and development purposes. The *KANEHA-TIR-Ψ* projection technique was found superior and powerful, over all other established projective methods till now. A symbol *Ψ* is added in its nomenclature, as

    (i)   *Ψ* is a symbol of study of Psychology[5], and

   (ii)   *Ψ* represents a quantum mechanical wave-function[6].

Psychological quantum mechanical projection wave-function *Ψ* defines and describes the probability and possibility of occurrence of particular perceptions, feelings, desires, fears, thoughts, and/or ideas *in our mind* at a *given instant of time*. In short we can say that *KANEHA-TIR-Ψ* is like a sum of all other existing projective techniques with important additional features and attributes of introspection, TIR (total internal reflection[7]), individual differences and psychological quantum mechanical projection wave-function *Ψ*.

WORKING METHODOLOGY OF *KANEHA-TIR-Ψ*

The suffixes *TIR* and *Ψ* used in Nomenclature *KANEHA-TIR-Ψ* projective technique are its *heart* and *brain,* respectively. *TIR* is an abbreviated form of "total internal reflection". Total internal reflection is basically a physical phenomenon, which causes a light ray to be *confined* within a particular medium/ fiber or crystal like diamond. This is the technique or a process that is

responsible for extra-ordinary shining of diamond. In a similar fashion, we ignite (introduce) an idea (*thought*) in a human brain (*heart*). This idea (thought) strikes the layers of conscious and unconscious mind and get totally internally reflected in divergent directions at multiple times. Thus total internal reflection causes generation of *new sets of thoughts* in object's mind which are combined (analyzed/executed) with Bloom's Taxonomy[8,9] of cognitive, affective, and psychomotor domains in a programmed fashion (see the flowchart shown in Figure 1).
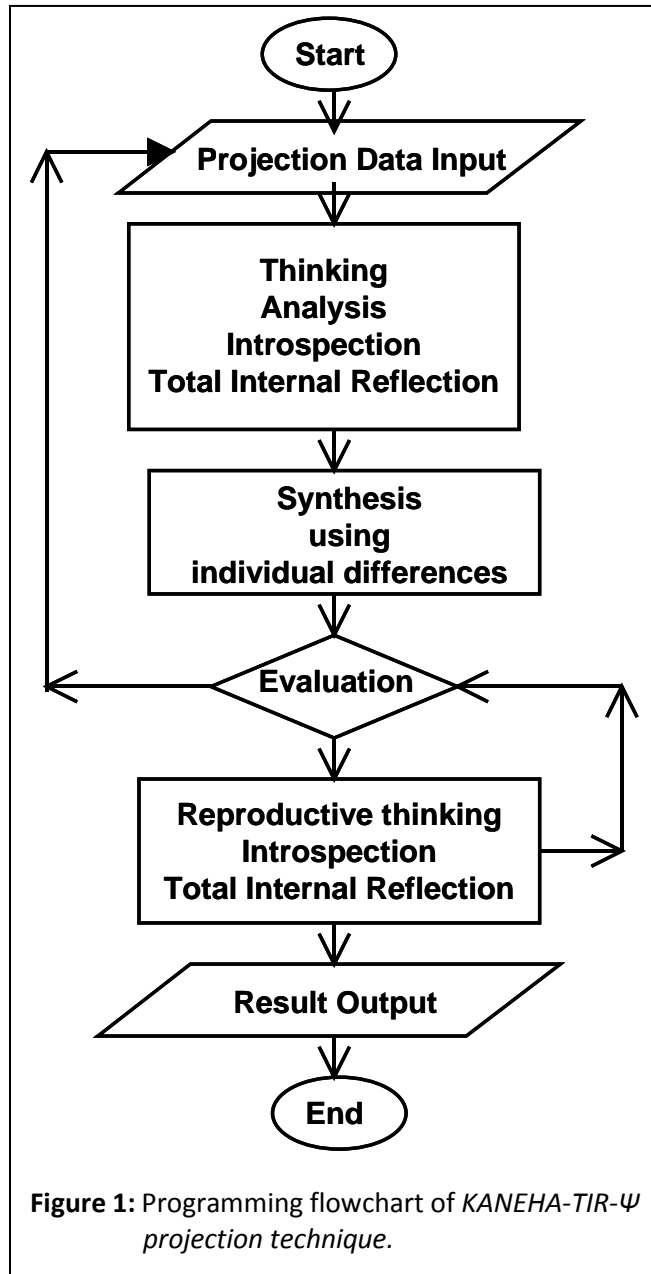
The beauty of this technique is that at a given instant of time, it can be applied on large number of people without any discrimination. However, all of them will think (evaluate) the '*projection data input*' in different ways as everyone thinks (analyzes) the data according to their *different and unique states of mind* (projecting their individual differences). It means that *cognitive and affective frames of references will be different*[7-9] for different peoples. Their different responses (outcomes) will provide important information about their hidden personalities, feelings, desires, problems and their solutions.

Why different people think in different frames of references? It can be explained (understood) by Edward B. Titchener and Wilhelm Wundt theory[10,11] of *Structuralism*. Titchener's theory says that there are three types of mental elements constituting conscious experiences: (i) *Sensations* (elements of perceptions), (ii) *Images* (elements of ideas), and (iii) *Affections* (elements of emotions). These passive and active mental elements combine and interact with each other to form passive and active conscious experiences. Mind is an accumulated experience of a lifetime therefore its consciousness will be sequentially refined by way of introspection, self-awareness, and total internal reflection. By using words introspection[12-13], self-awareness, and total internal reflection, we literally mean *'looking within using learned knowledge and experiences'*.

Figure 1: Programming flowchart of *KANEHA-TIR-Ψ* projection technique.

The *KANEHA-TIR-Ψ* projective technique is *unique* in itself due to its *TIR* and *Ψ features*. In this technique, introspection, self-awareness, and total internal reflection are final and only court of appeal because it is only o*bject* (*person under projection*) that is playing both roles:

   (i)   A role of a judge and

   (ii)   A role of an object (person under projection)

Administer only initiate the thought process in object's cognitive domain by implicit methods, without altering the present state (meaning) of communication. Introspection makes divergent thinking that repetitively goes back in object's cognitive domain as an input. The running close programming loop has following sequences:

(projection data input$\rightarrow$ Thinking $\rightarrow$ analysis$\rightarrow$ introspection $\rightarrow$ total internal reflection $\rightarrow$ synthesis using individual differences $\rightarrow$ evaluation $\rightarrow$ Reproductive Thinking $\rightarrow$ introspection $\rightarrow$ total internal reflection $\rightarrow$ projection data output (/input.....) $\rightarrow$ End.

This close programming loop runs until we find out the right solution (answer) of the event (problem). The working methodology flowchart for this new projective technique is illustrated in Figure 1. Thus *KANEHA-TIR-Ψ* is an extraordinarily powerful programming projective technique which forces and stimulates object's mind to make a sequential journey

      - from *structuralism* towards *gestaltism*[14-16]
      - from *unconsciousness* towards *consciousness*

After application of *i-KANEHA-TIR-Ψ* projective technique, the object's intelligence quotient (I.Q.), emotional quotient (E.Q.), and mental (numerical, theoretical, reasoning, evaluating) abilities were found significantly improved.

TYPES OF KANEHA-TIR-Ψ

(i) *i-KANEHA-TIR-Ψ*:

The process of *TIR* projections in divergent directions (sections/corners) of human mind can be initiated by object itself (person under projection) i.e. that is a solo creation of object's mind. This type of *KANEHA-TIR-Ψ* is called *intrinsic-KANEHA-TIR-Ψ*. The *i-KANEHA-TIR-Ψ* projective technique is its *extremely pure* and *safe* form that can be applied without any medical supervision. The *intrinsic-KANEHA-TIR-Ψ* projective technique takes into account the individual differences of different persons and produces different outcomes for different persons under constant projection conditions. In this research article, we will mainly focus on *i-KANEHA-TIR-Ψ* projective technique.

(ii) *e-KANEHA-TIR-Ψ*:

The process of *TIR* projections in divergent directions (sections/corners) of human mind can also be ignited/ introduced/ instilled/ modified by *external* methods. In this type, the *artificial*

projections are projected by *external means in* object's surrounding environment (atmosphere). This type of *KANEHA-TIR-Ψ* is called *extrinsic-KANEHA-TIR-Ψ*. The *e-KANEHA-TIR-Ψ* projective technique is an *impure* form of *KANEHA-TIR-Ψ*, which should be applied on objects *only* under medical supervisions.

In either type, when the continuous process of *TIR* and introspection starts to execute then it generates chain-sequences, multiplications and synthesis of numerous *possible* ideas, thoughts, activities in brain (body). Medical science explains that all the *signals, instructions, and orders* of our cognitive domain, affective domain and psychomotor domain are communicated via *electrical pulses*. The intelligence, emotional, and psychomotor electrical pulses are generated in brain's neuro-system and are strongly correlated. Therefore, the strength (power) of neuron-electrical pulses directly depends on power (strength) of our affective domain i.e. emotional quotient (E.Q.), and cognitive domain i.e. intelligence quotient (I.Q.). The E. Q. of an object (person under projection) can increase/decrease/fluctuate the power (intensity) of these electrical pulses.

In *e-KANEHA-TIR-Ψ* projective technique, the affective and psychomotor domain's electrical signals are of high intensity and can even sometimes be out of control in nature. Therefore, we don't recommend the usage of *e-KANEHA-TIR-Ψ* projective technique *for designing computerized programmed instructions.*

However, in *i-KANEHA-TIR-Ψ* projective technique, the neuron-electrical signals are of moderate strength and travels (executes) in controlled manner so can be applied in designing various training and development programs. In this research paper, we will only focus on *pure* i.e. *intrinsic type* of *KANEHA-TIR-Ψ* projective technique. We strongly recommend the usage of *i-KANEHA-TIR-Ψ* projective technique for designing *branch-programmed instructions* for training of academic and industrial professionals (see figure 1). It is very safe and productive technique to purify and refine the ethics of working professionals. Its complete methodology is explained in section III with its process flowchart.

APPLICATIONS OF *I-KANEHA-TIR-Ψ*

Combine I-KANEHA-TIR-Ψ with Bloom Taxonomy:
American educational psychologist B. S. Bloom invented and explained the theories of cognitive, affective, and psychomotor domains. He used these theories for preparation of learning and evaluation materials. Bloom Taxonomy is widely used for planning, designing, and evaluation of

- *School, College, and University education*
- Adult's teaching courses
- Corporate's training courses
- Teaching lesson plans, learning materials
- Teaching-learning processes.

However, the techniques for designing 'computerized programmed instructions' (*C.P.I.s*) for *all-round training* of *human-resources* are still not available in the literature. For making C.*P.I.s* for *all-round training* of *human-resources, we* combined *i-KANEHA-TIR-Ψ* projective technique with Bloom Taxonomy. It delivered extraordinarily productive results for various kinds of clinical/ non-clinical diagnosis, personality measurements, personality developments, professional trainings and brain programming purposes. Its process flowchart can be used as a sub-program while designing *'Branched Programmed Instructions (B.P.I.s)'* for achieving various major objectives/ targets of educational and professional training world.

In *C.P.I.s* of *i-KANEHA-TIR-Ψ, o*bject takes (selects) input data from various sources like communications, social environments, peer-groups, experiences (programmed data-bank/ library). Then, the object's mind combine, process, synthesize and evaluate this received information with their own knowledge using individual differences and takes a decision. If the outcome information is still lacking its completeness then this process continues until a meaningful solution of complex situation is achieved. In *i-KANEHA-TIR-Ψ* projective technique, a closed programming loop process works as illustrated in Figure 1. The outputs itself become partial inputs for the next analysis process – until a valid and accepted situation (solution) is achieved.

The *i-KANEHA-TIR-Ψ* projective technique uses multiple *TIR* processes of thoughts, ideas and their repetitive modifications, synthesis using individual differences, analysis and evaluation by introspection, structuralism and gestaltism in the minds of sender and receiver. Therefore, It enforces, stimulates and enables them:

- In decision making
- In developing divergent thinking
- To know about his/her self concepts
- To utilize uniqueness of his/her own cognitive, affective, and psychomotor domains
- To find solutions/ answers of his/her unconscious mind
- To physically develop/ re-grow brain's immature neuron-tissues by circulating continuous electrical pulses and blood in those regions
- To increase Intelligence Quotient (I.Q.)
- In finding solutions for complex situations
- In physical and mental development,
- For diagnosing and developing personalities,
- Increasing Numerical and Reasoning abilities,
- Increasing Memory and Perceptual abilities,
- In developing Evaluation abilities,
- Making a self check on yourself and others,
- Judging/ Comparing personalities, attitudes, and behaviors,
- Purifying/ Refining thoughts,
- To find out the answers, and to solve-out/ regulate many situations in psychological world (without exploring them explicitly).

- diagnose clinical/ behavioral/ psychological/ sympathetically/ emotional dimensions of a human being under projection
- Explore/ expand / develop / generate/ enlighten mental capabilities of an unconscious mind.
- Defend yourself from various kinds of spurious psychological atmospheres due to *TIR* property of thought process
- In designing Branch Programmed Instructions

i-KANEHA-TIR-Ψ projective technique delivered good quality, justified and reproducible results among different situations, environments, and cultures.

CONCLUSION

In this paper, we presented a new type of powerful projective method called *KANEHA-TIR-Ψ* projective technique. This technique is superior over existing projection methods as it combines the traditional Bloom taxonomy with features of total internal reflection, introspection and individual differences. The flow chart of *i-KANEHA-TIR-Ψ* projective technique can directly be utilized as a subpart of '*programmed instructions (P.I.s)*'. We propose its industrial applications for designing *C.P.I.s* (*Computerized P.I.s*) and *B.P.I.s* (*Branch-P.I.s*). The *C.P.I.s* and *B.P.I.s* can be programmed for all-round (academic, educational, professional, and industrial) trainings, development, and assessment programs for human resources, clinical/ non-clinical diagnosis, personality measurements, and brain programming purposes.

SUMMARY

KANEHA-TIR-Ψ Projective Technique

1. **Name of the Technique:** *Kapil-Neha Total Internal Reflection Quantum Mechanical Projection Wavefuncion Ψ Technique (KANEHA-TIR- Ψ Projective Technique)*
2. **Inventors of Technique:** Kapil Chandra Agarwal and Neha Agarwal
3. **Quality to be measured and refined:** General Intelligence, Intelligence Quotient (I.Q.), Emotional Quotient (E.Q.).
4. **Utility:** Design Branch-Programmed Instructions for training of academic and industrial professionals, mental and physical developments, clinical and non-clinical diagnosis.
5. **Administration of Technique:** *This test is administered as follows:*
   (i) Identify the problem/target for Clinical diagnosis/ training purposes
   (ii) By communication, initiate the process of '*thought construction*' among a group of *objects* (persons under projection)
   (iii) Different objects thinks/ analyses the communicated data according to their *different and unique states of mind* and therefore will project their individual differences of thought process in their responses.
   (iv) Analyze the responses and
   (v) Repeat the steps from (i) to (iv) until the problem is solved (see process flowchart in figure 1).

6. Scoring of Technique: *i-KANEHA-TIR-Ψ* projective technique is *unique* in itself as it uses the features of *total internal reflection* and *Quantum Mechanical Projection Wavefuncion Ψ*.

In this technique, introspection, self-awareness, and total internal reflection are final and only court of appeal because it is only *Object* (*person under projection*) who is playing both roles:

      (i) A role of a judge and
      (ii) A role of an object (person under projection).

Administer only initiate the thought in object's cognitive domain by implicit methods without altering the present state (meaning) of communication.

7. General outcome of Technique: After application of *i-KANEHA-TIR-Ψ* projective technique, the object's intelligence quotient (I.Q.), emotional quotient (E.Q.), and mental (numerical, theoretical, reasoning, evaluating) abilities were found significantly improved.

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