International Journal of Mathematical Archive-7(2), 2016, 1-4
Available online through www.ijma.info ISSN 2229 – 5046

# EFFECTS OF ETHICS AND ITS COUNTERPART ON HUMAN BEHAVIOR WITH VARIOUS INTENSIFIED EMOTIONS – A MATHEMATICAL APPROACH

**SADA NAND*[1]**
**Asst. Professor, ME Department, UIET; Lalru.**

**RENU RANA[2]**
**Asst. Professor, CSE department, UIET; Lalru.**

**PRASHANT SINHA[3]**
**M. tech., ME, Department, Galgotia University.**

***(Received On: 18-01-16; Revised & Accepted On: 17-02-16)***

***ABSTRACT***

***E****thics not only give a meaning to human emotion but a spiritual concern also. Every human is been bounded in a multiple human relation but there is only one special relation for every one which can be bounded with unbounded limitations of code of conduct. This relation with the multiple human emotions can be found in a mathematical relation and also a critical solution where the whole of the relation is finding a shape. When the natural behavior is put on the human emotion or vice - versa. Papers gives an information about the knowledge of human behavior on ethical grounds with the help of geometrical mathematics and finding out the mathematical/geometrical solution of ethical effect on the human behavior.*

***Keywords:*** *Ethical & Unethical Behaviour, Rationality & Irrationality, Human Emotions.*

## INTRODUCTION

Opposition and denial are used to mean the contradiction. Contradiction is the nature of human relation and society. Ethical behavior and its opposite unethical behavior give the meaning to understand some human relations. If we consider rational behavior of universe with irrational emotions; in it we find a strange solution of human behavior. As per the Plato's theory of Forms virtue is the knowledge and knowledge controlled the behavior as well as emotions. Pure knowledge corresponds to emotionless behavior. A person who is either ethical or unethical in nature is always towards the rationalism. Mathematical knowledge considered as the paradigm of the human knowledge. For rationalistic idea is like the innate feature of mathematics [1]. Mathematical ideas are based on the experience which is the pure ideas of the knowledge [2]. Immanuel kant gave a critical idea which defines the rational mathematics and philosophy; his theory not only subjected on the experience basis but on the empiricist stance also. Kant explained the ideas arise from experience and also it arises with experience [3]. Mathematical symbols with their special meaning can give a language based solution having a philosophical meaning. Means on the basis of critical thinking we can assume the philosophical terms and the equivalent mathematical functions. Every human relation with the philosophical terms create the cases to cover up entire human race. So by examining the mathematical approach with different science fields as well as philosophy we can also prove the true mathematics resembling the behavioral world [4]. The infinitesimal mathematics has a limiting quality and can used for human gestures; BERKLEY's 18th century critique of calculus, has the best example for this. Moral would be like the logic in mathematics; the ultimate or the eternal truth which is absolutely constrained to all of the behaviors'[5]; but behavior is the only thing in this rational world is to understand or analyze the human beings. In ethics Kant had expressed that one act so that one treats humanity always as an end and never as a means [6]. To analyze this we have a no. of theories that explains the capacity of humans to undergo complex experiences of fulfillment, disappointment and sorrows [7]. Other theories suggest it is merely the ability to have interests [8]. On the ground of philosophy and altruism the self centered behavior is unacceptable but in the favor of self egoism [9]. All these things are used for understanding through nature's language Mathematics so we should strive for the kind of Moral geometry [10]. Theory of logic also helps this on the grounds of mathematical and physical neutrality [11]. The ethical issues then treated are mostly not specific to mathematics [12]. Mathematics or Geometry is the only way to express those functions which are complex to explain but still exist in rational & irrational world. Morality comes first for balanced human behavior with modern ethics and with traditional thoughts.

***Corresponding Author: Sada Nand*[1]***
***Asst. Professor, ME Department, UIET; Lalru.***

## METHODOLOGY

Ethical behavior is very much of influenced by the human emotion. Human emotion nevertheless is impossible to understand as its random and variable behavior, but if we consider a simple mathematical function which can not only defines the all human race's emotion but its uniqueness towards philosophical terms.

To define the rationality of world ethical behaviors as well as unethical behavior are must but due to theory of forms human due to uncontrolled emotion can't resists it to rationality. Considering ethical and unethical behavior two mathematical functions which are contradictory to each other but lies in the world of human relation; hence saying that the world is rational is not enough for the solution as it can't cover up the entire human race. Similarly irrationality also couldn't cover up all the human beings hence for a solution both are used and find a critical point where the human's emotion and its rational behavior provide a solution. Plotting the ethical and unethical behavior on 2-D graph gives us a rectangular hyperbolic curve. The curve tries to make a contact with either of the side but can't do in reality as too much of ethics is can't resist its counter part due to irrationality of world.

Assumptions: Taking the functional mathematics to the philosophical terms. As the rectangular hyperbola shows the particular solution which is very decisive in nature to achieve rationality by being irrational. A function is also added in terms of sine wave as this function has regular variation. This variation depends upon the given ethical & unethical terms and conditions.

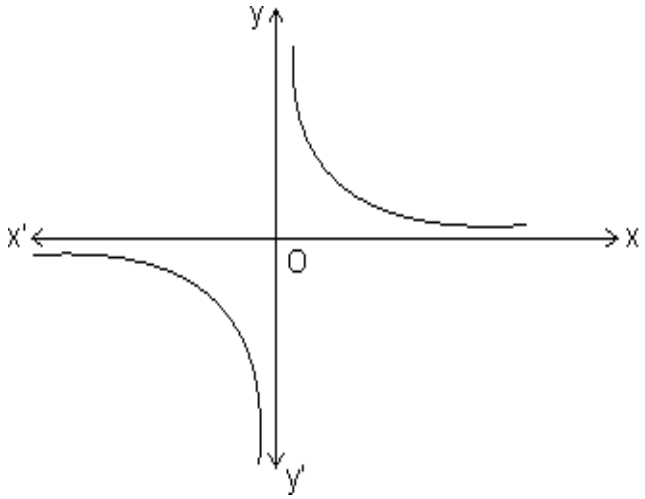


**Fig. 1:** Rectangular hyperbola for ethical and unethical behavior.

Above curve gives a mathematical approach Positive X-direction shows the ethical behavior & Positive Y-direction shows the unethical behavior. Here for solution we consider the first quadrant. The whole of the quadrant shows the rationality and irrationality of world as the behavior is changed due to emotions of human being.

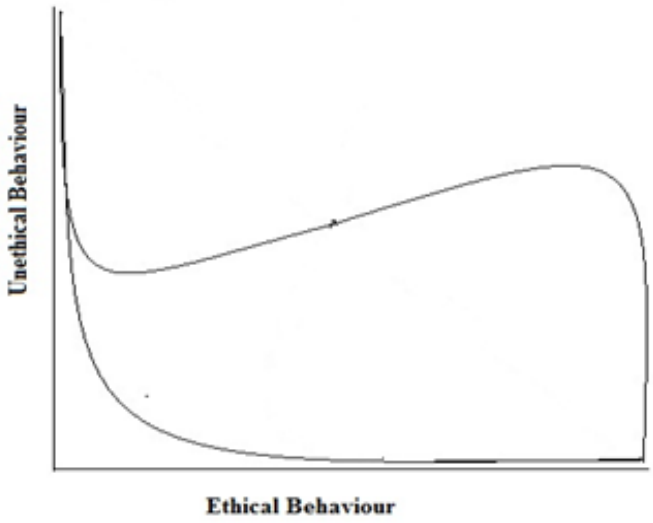


**Fig. 2:** Limited behavior curves (Ethics with the varying emotions)

 

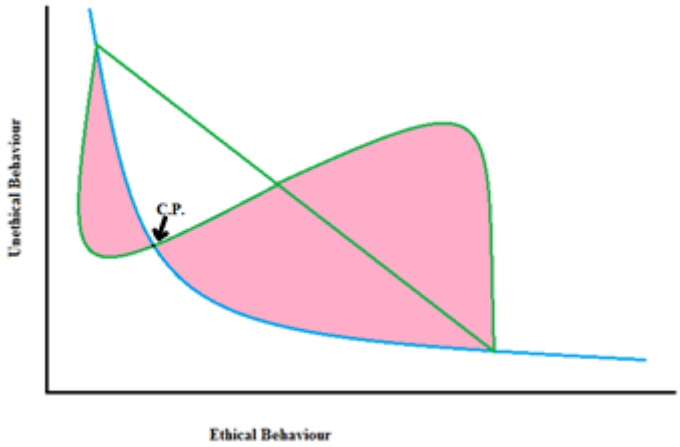


**Fig. 3:** Retrieval Curve (Ethics with intense emotion)

Cases: For understanding the whole of the phenomenon we divided it in three common cases.

(i) Case: 1. Referred to Fig. No. 1. As it is quite realistic to assume that a rectangular hyperbola is the only curve in the figure or also considerable that the emotions curve of irrationality is merged with the hyperbola which means there is no way of irrationality in relation. Both things are steady in nature as there is no area bounded by both the curve.

(ii) Case: 2.Referred to Fig. No.2. the unethical behavior of the human being is controlled in the curve as there is no intense emotion (amplitude of sine curve) to cross the curve limit.

(iii) Case: 3. Referred to Fig. No.3. the curve with intense emotion amplitude cross the hyperbolic line and cut it named as C.P. (critical point).

## RESULTS & CONCLUSIONS

None of the curves is true solution but these provide a way of thinking of human behavior in rational manner with mathematical approach. Here three cases are considered and approximately which covers the entire human race.

As Case 1 shows that being affected by irrational conditions the rationality can be shown by the human behavior. The rectangular hyperbola shows that on this curve such type of persons are unaffected by highs and lows of uncontrolled emotions. This type of philosophy related to yhe relation without any demand in their selves.

Case 2 shows about those beings having emotional effects but limited their selves by controlling the irrational emotions.

Case 3 shows about those humans having uncontrolled highs & lows and affects directly the relations in negative manner and cuts the hyperbola at the critical point. The retrieval of the curve is only because of the irrational ethical behavior.

Code of conduct affects the mind in such a way that it controls the gesture towards irrationality and over rationality. Only a few human relations can survive these theories. The demand in relations can never be achieved rationality which is maximum time fruitful in human life time achievement. Mathematics is the only natural language which helps to understand the any philosophy. The natural mathematical functions are capable of giving the every information regarding the code of conducts which are the virtues of the human race.

## REFERENCES

1. Jeremy avigad, Philosophy of Mathematics Boundas, Constantin editor, *The Edinburgh Companion to the 20th Century Philosophies*, Edinburgh University Press.
2. Ibid, Book IV, Chapter IV, §6.
3. *Critique of Pure Reason*, B1. Translation by Werner S. Pluhar in Cahn (2002).
4. Anthony Persssini and Dominic Perssini, The confluence of mathematics and mathematical activity; Philosophy of mathematics and mathematics education. Book, Chapter 10, (175-189).
5. Franklin James, On the Parallel between mathematics and Morals; The Royal Institute of Philosophy 2004 ; Page 97-119.
6. A. Donagan, The Theory of Morality (Chicago: Chicago University Press, 1977), 65-6.
7. H. Frankfurt, The Moral irrelevance of equality, Public Affairs Quarterly 14(2000), 87-103, at 101.
8. P. Singer, Practical ethics, 2nd edn (Cambridge: Cambridge University Press, 1993), 12-13.

 

9. R.Wright, The Moral Animal: Evolutionary Psychology and Everyday Life (New York: Vintage, 1995); J.L.Mackie, The Law of Jungle, Philosophy, 53 (1978), 455-64.
10. J.Rawls, Theory of Justice (Revised edn, Oxford: Oxford University Press, 1999), 105.
11. Putman Hilary (1971), Philosophy of Logic. New York: Harper & Rowe.
12. Franklin James, A "Professional issues and Ethics in Mathematics" Course. 98-100.

**Source of support: Nil, Conflict of interest: None Declared**