

"Continuation of Discussion of
Engineering Sociology"

By

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Abstract

SEP No. 32-C, "The Development of Society"(3/13/48-5/6/63) is reviewed. Then the relationship between SEP No. 62(1/15/61-11/29/61) ethical rules and Dr. Carl Rogers, "On Becoming a Person" is reviewed.

Then a set of rules by which I operate is postulated.

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SEP No. 32-C, "The Development of Society," (3/13/48-5/6163)

This note establishes the basic philosophy of trying analogies from the physical sciences in the social sciences. The logarithmic features of social development are discussed in more detail in SEP No. 34, "Historical and Future Perspective" (3/2/61-5/2/61).

As I have mentioned earlier, these studies were brought to a stop for a while due to "loyalty oaths", House Un-American Activities Committee investigations, censorship by U.S. State Department, and destruction of the climate of open discussion by attempts to the F. B. I. to place observers in strategic places. In 1948 and the following years the impression these events had upon me was to indicate that the effective national policy of our country had become one of attacking and destroying "science" and attempting to substitute a military technology in place of science. C. P. Snow in a lecture in about 1961 at Berkeley said that this military technology has shown that it can be successful without the help of great scientists like Einstein by amassing a large number of lesser scientists and engineers to tackle specific goals, such as various weapons systems.

For example, SEPR Nos. 14-A(5/21/47) and 15-A were preliminary papers in a seminar which produced an alternative proposal for the international control of atomic energy. The only feedback we received was the verbal report that "publication of this report would be a stab in the back to American foreign policy."

I didn't want our country to drift into a fascist type organization like Nazi Germany and Fascist Italy did. Our constitution and court system provided us legal safeguards to slow down any eroding process. However in California the people voted away some of their constitutional safeguards to combat an alleged danger of "communists" using the tax exempt property of churches, schools and charitable organizations. The effect of this was

to destroy the remaining discussion groups in some churches.

I found this issue by starting the protest of the First Unitarian Church of San Jose which eventually led to an amicus curiae brief in the U.S. Supreme Court with the cases of the Los Angeles County and Alameda County church cases. The U. S. Supreme Court ruled against the State of California. However it takes a lot of time, energy and money to fight these attempts to destroy our hard earned liberties.

SEP No: 62(1/15/61), "A Discussion of the Structure of Ethical Rules in the Human Mind."

Does the prevailing structure of ethics protect civilization or have the most important rules been lost in favor less relevant rules?

The questions are now partially answered by Dr. Carl Rogers. Dr. Rogers says we all have within us a biological computing system which if given a chance will develop values which both protect the individual's interest and makes a maximum contribution to the welfare of mankind.

There are two important points here:

(1) Dr. Carl Rogers systems use analogies from Cybernetics and Information Theory.

a. Feedback from Cybernetics, and

b. Developing of values using biological system is similar to maximizing the negentropy in communication theory..

(2) The use of similar analogies on the sociological level would permit more individuals to develop their potentials. I.e., underdeveloped countries feel they can't bother with many refinements and variations. Keeping the "tails" on the probability distribution curves insures some development of the extra creative people. See SEPR N^o. 45-A, 92-B, and 56-B for further comments on "tails".

Rules for Socio-Engineering Problems Studies.

(1) The object is to develop understanding of how things happen and what is the philosophy, i.e., how and not who.

Corollary: Non-disclosure of identity of sources.

(2) There must parallel analyses by people from different cultures.

Corollary: Selected portions of material to be distributed to the following countries for review and criticism:

USSR	China
Pakistan	France
U.S.A.	England
Japan	West Germany
India	East Germany

(3) Concepts must be openly available to all concerned.

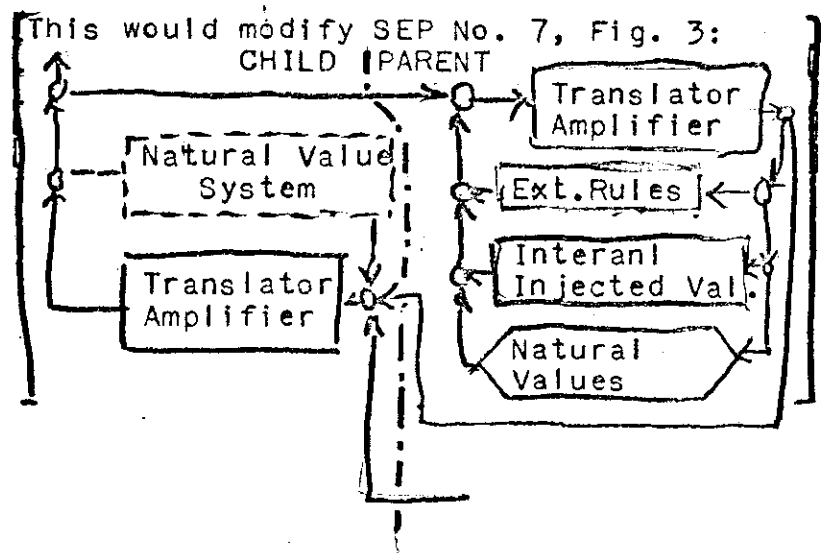
Summary of Talk of
Dr. Carl Rogers at
San Jose State College
on 5/2/63

Comments Added by
Frederick B. Wood

Infants use physiological knowledge of his(infant's) body in choosing foods (values).

As infant develops his natural value choosing system is replaced by an "injected value system." How do "injected values" take over? Infants need love.

The infant may be cut off from affection when he chooses things he thinks are good, but which others(parents) think are bad. He then integrated value judgements of others into his system.



[This likewise would require some
modification or adjustment of the
figures in SEP No. 62]

The majority of adults in the world have injected values which they regard as their own. Degree is based on love and acceptance by others.

These injected values are often contradictory.

[For example see SEP No. 62, Fig. 2]

People have lost contact with their own values. This is like divorcing ourselves from ourselves. This is called "estrangement" of modern man from himself.

Psychotherapy helps a person develop value system that is based upon his own reactions. For mature adult this includes possible consequences from past experiences.

[Note the infant has not yet accumulated experience of possible consequences, and needs some adult guidance to protect his safety.]

As a total person he can be siser than just relying on logical thoughts. He learns to trust the totality of emotion and thought. Errors are corrected through open experience with maximum feedback---This is the goal of self-fulfilment.

There is an organixmic base for a value system in the body. It is a part of the life process of any living organism. There is feedback for maximum self-enhancement.