

# Objective and Objectives

## In the Development of Russian/Sowjet Systemtheory

Ken Pierre Kleemann

# 1.) Historical Background

- Logic and Dialectics (Platon /Aristotle) – The objective World
- Logic and Dialectics (Descartes /Leibniz-Wolff) – The objective mathematical World of Modality
- The transcendental Step (Kant) – Forming a new Logic by having a Dialectic of Antinomies in a System – The Objective of the Thing Itself
- Dialectics as Logic of objective Antinomies (Hegel) – The Objective of the Movement of Contractions
- Objective and Objectives – System of Reality and Goals of Socialtechnology (Materialism – Psychology – Historic Materialism)
- Dialectic of Nature (Engels - Dennett's Bubbeling Up?)

## 2.) Russian-Context

- German Influence and French – English Reputation (Cousin – Mill) – The Psychology of Logic
- Wundt and Mach/ Avenarius – The Principle of Minimum Energywaste and Homöostatic Steps
- Bogdanow – The System and the steady state of Steps
- Empiromonism – The Battle about scientific Objective and Socialobjectives
- Lenins „System“ of Dialectics – The Objective of Revolutionary Objectives
- Homöostatic Approach or Contradictions – Problem Solving or Dialectic Movement

## 3.) Exile

- The Philosophers Ship
- Pitrim Sorokin and the soziotechnical Systemtheory
- Talcott Parsons – The objective AGIL
- Bertalanffy – The objective of Biological Systems – The Problem Solving Approach
- Luhmann vs. Habermas – Problem Solving as Mechanical Approach
- The Objectives of the objective Procedures (Verfahrensweisen)

## 3.) Exile

- The Philosophers Ship
- Pitrim Sorokin and the soziotechnical Systemtheory
- Talcott Parsons – The objective AGIL
- Bertalanffy – The objective of Biological Systems – The Problem Solving Approach
- Luhmann vs. Habermas – Problem Solving as Mechanical Approach
- The Objectives of the objective Procedures (Verfahrensweisen)

## 4.) Destruction and Rebuilding

- Stalins Division of Dialectic Materialism and Historic Materialism
- Short Historic Course of the CPSU (B)
- The Enemy: Mendel-Morgan / Formal Logic / Philosophy of Language / Cybernetics
- Chrustschow and new Approaches
- Sinowjew and Shchedrovitsky – Stady State of Homöostatic Steps
- Altschuller and Thiel – Contradictions as Motor of a Stady State Approach

## 5.) Mechanism vs. Dialectics

- Objective and Facts – Science as sociotechnological Procedure vs. Problem Solving
- Intuition and Creativity – Context and Contradiction vs. Spontaneity
- Stady State and Homöostasis –  
Webed Steps and Iteration (Elements/Relations) vs. Step by Step in a Hierarchical Surrounding
- Modelling and Movement – Bubbling up vs. Trickeling Down
- Formal System und Meta-Discourse –  
Contradiction in Dialectic vs. Linearity of Problem Solving in Mechanics
- Objective and Objectives – Scientific Modelling in Social Procedures vs. Socialengineering