

Abridged Glossary of Technical Terms

- 82IPC:** an acronym denoting Donald Kiesler's 1982 Interpersonal Circle, a circumplex model of interpersonal complementarity that was first published in *Psychological Review*, vol. 90, no. 3, 1983, pp. 185-214.
- acroam:** a fundamental principle of metaphysics proper.
- act** (*Handlung, actus*): the determination of a *Kraft* as a cause of accidents.
- actio invita** (reluctant action): action one takes contrary to one's own wishes and inclinations.
- actio involuntaria** (involuntary action): action one would not take if any alternative choice was pragmatically feasible.
- action** (*Wirkung, actio*): change in appearance of accidents. An action is thus a change of state. Action is matter (composition) in the ILAR of *Kraft*.
- activity space:** a vector space representation of node activities in an embedding field network.
- adaptation level:** a state-dependent mean competition function, also called the communal understanding, measuring how activity levels in different nodes of an embedding field network are accommodating in response to activity levels in other nodes.
- animating principle of accommodation in the corporate person:** the principle is: accommodation is regulated by the *Existenz* of adaptation level functional(s) in the embedding field graph of the corporate person.
- animating principle of assimilation in the corporate person:** the principle is: the embedding field graph system must conform to the mathematical properties of smoothness, non-negativity, boundedness, and competition.
- animating principle of intellectual power of the corporate person:** the principle is: The institution of means for the public civic education of every member of the Community. Providing the institution is a Community Obligation pledged to every member. The member's participation in the institution, whereby each to the best of his personal ability accomplishes the aim of the institution, is a civic Duty owed by each member of the Community.
- animating principle of persuasive power of the corporate person:** the principle is: Corporate persuasive power is measured by the degree of generation/annihilation activity in bonding and anti-bonding leadership events in the embedding field graph representation of the corporate person.
- animating principle of physical power of the corporate person:** the principle is: Each person in the Community accepts and attends to specific civic Duties, for the performance of which he can justly be held accountable by the Community-as-corporate-person.
- animating principle of scheme-determination in the corporate person:** the principle is: Determination of schemes by competition threshold.
- animating principle of scheme-regulation in the corporate person:** the principle is: Scheme activity is regulated by time variation in Community adaptation level (communal understanding).
- animating principle of tangible power of the corporate person:** the principle is: social-economic utility optimization.
- annihilation activity:** expressed social interaction activity that either (1) generates/strengthens social-chemical anti-bonds or (2) weakens/annihilates social-chemical bonds.
- Anordnungskräfte** (powers of order): the Idea of the order of mind through taste. This Idea is the Idea of Modality in the anthropological person. The manifold synthesis of this power is the *nexus* of the person with the world. It references subjective expiencence through aesthetical reflective judgment.
- Anordnungsvermögen** (faculty of order): the Idea of the order of mind through the power of judgment. This Idea is the Idea of Relation in the anthropological person. The manifold synthesis of this faculty is the connection between the person and the world. It references logical expiencence through teleological reflective judgment.
- anthropological person:** the combination (*conjunctio*) of the Self-composing person (*compositio*) and the orderly person (*nexus*). The character of a person who participates in a community and undertakes processes of Community-building is his character as an anthropological person. His determining factors in this participation are rooted in the *Anordnungskräfte* of his judgments of taste.
- anti-bonding factor:** any mathematical object having a meaning implication effect in semantic representing or the determination of appetite by a person that produces or expresses competition responses by a person in relationship to the other person or the social environment.
- antisocial benefit:** a state of affairs in which one of either a leader or a follower is not satisfied by the outcome of their cooperative actions.
- antisocial-social axis:** the principal axis in Wells' inter-personality style circumplex model denoting the dimension of the effects of one person's overt behavioral actions on another person.
- appetition:** the process of making a Self-determination of an appetite.
- arc of a network:** an edge in a graph having an assigned direction from a source node to a sink node.
- authority:** possession of the *Kraft* of causing something to become greater, to increase, to be strengthened, or to be reinforced in some way. *See also:* expectation of authority.
- authority figure:** the position of an agent of leadership governance charged with the duty of causing the association's general success and welfare to become greater, to increase, to be strengthened, or to be reinforced. Success and welfare are measured in terms of average Progress and Order in the Community.
- Baconian idols:** the metaphorical names given to various types of prejudices and presuppositions

- common in human behaviors. Bacon classified the idols in terms of: idols of the tribe (Quantity); idols of the den (Quality); idols of the theater (Relation); and idols of the market (Modality). Each idol has its intellectual counterpart in the powers of a person.
- benefit:** *See* anti-social benefit, social benefit.
- body politic:** the regulative Idea of the totality of all members of a Community.
- bonding factor:** any mathematical object having a meaning implication effect in semantic representing or the determination of appetite by a person that produces or expresses cooperation responses by a person in relationship to the other person or the social environment.
- capability:** *see* *Fähigkeit*.
- capital stock:** that part of a person's stock of goods in excess of what he requires for consumption in the short run and which he uses to produce a revenue of additional goods. Capital stock is usually further classified as fixed capital and circulating capital.
- catalytic reactive:** the transition region octant of the D-PIPOS circumplex between the central Amiable personality style and the central Expressive personality style.
- catalytic reactive axis:** the vector axis in the D-PIPOS circumplex model that defines the center of the catalytic reactive overlap octant.
- causa determinans** (defining reason): the rational ground for a choice.
- circular reaction:** *See* limit cycle.
- circumplex model:** a circular ordering of variables depicting the geometric implications of their correlation matrix.
- circumstance, external:** the object of a person's concept of a situation and occurrences with which he finds himself having to deal.
- citizen:** a member of a Community who accepts mutual Obligations to-and-with its other members and who accepts the performance of acts of citizenship as a reciprocal Duty he owes to the Community.
- citizenship:** the actuality of individual actions congruent with conventional general standards of expectations for civic actions. It is grounded in reciprocal Duties of association. Real citizenship is a social dynamic of relationship and subsists only in the practical actions of individuals.
- citizenship relationship:** a relationship between a citizen and a Community in which he is an associate insofar as the relationship pertains to reciprocal Duties and Obligations.
- civic:** applying or pertaining to the conduct or behavior of an individual in his social interactions.
- civic action:** an action operationalized by an individual that is congruent with his Duties under the terms of a social contract.
- civic affairs:** the affairs of citizens or citizenship.
- civic education:** the teaching and learning of civil liberties, civil rights, civic Duties and civic Obligations of a Community.
- civic interaction:** an operationalized social transaction between two persons in which each person is Self-regulating his action expressions on grounds of practical tenets or maxims that exhibit in the person's expressed behaviors a form of *obligatio interna* inherent in his behavior that can only be understood in relationship to a condition of some *obligatio externa* and some practical maxim of active pledging. Furthermore, although each of the transacting persons might hold to different practical maxims as well as to a different *obligatione interna* and a different condition of *obligatio externa*, the manners in which these are expressed are such that the individuals' actions seem mutually compatible in the reflective judgments of each person. Civic interaction exhibits the *Dasein* of some kind of practical co-determined governance regardless of how unstated, vague, or temporary this mutual governance might be.
- civics:** the branch of social-natural political science that deals with civic affairs and the Duties and rights of citizenship.
- civil:** applying to the conduct or behavior of a Community.
- civil Community:** an association of people sharing a civil convention (a civil association) having common civil rights and civil liberties with a common system of governance.
- civil convention:** a form of association which will defend and protect with the whole common force the person and goods of each associate and by which each associate, while uniting himself with all the other associates, may still obey himself alone and remain as free as he was before joining the association. *See also:* non-civil convention, uncivil convention.
- civil liberty:** a liberty bound by deontological Obligation to participate as a citizen in a civil Community. *See also,* liberty.
- civil right:** any object defined by a civil convention that is regarded under that convention as an intangible property possessed by every member of the civil Community as an expected benefit of citizenship in that Community. A necessary condition for the practical *Existenz* of a civil right is a social contract entered into by every citizen.
- civil tranquility:** (1) from the judicial Standpoint, the mood of the body of citizens at large that results from being satisfied enough in their relationships to the general state of life in the Community so as to desire nothing more or different in this relationship. (2) from the theoretical Standpoint, Grossberg consensus in the actions of individual members of a Community.
- civil untranquility:** actions expressing the non-*Existenz* of civil tranquility.
- civilization:** the process of perfecting *Volks*-society. Its Object is an *Unsache*-thing (a "happening").
- civilization arrest:** a state of equilibrium in which civilization genesis and civilization disintegration mutually negate each others' effects. It is an emergent property of social-physics.
- civilization disintegration:** the effect said to have occurred when civilization produces decreasing robustness and stability in cooperation, the number

- of cooperating people in a Community decreases, and a greater degree of internecine competition is manifested. It is an emergent property of social-physics.
- civilization genesis:** the effect said to have occurred when civilization produces greater robustness and stability in cooperation among larger numbers of individuals in forming or living in a Community. It is an emergent property of social-physics.
- coalescing function of taste:** the aesthetic function of syncretism in judgmentation.
- commit** (*committere*, to bring together): (1) to bring together concepts of acting understood by a concept of Obligation. (2) to actualize an action scheme.
- commitment:** (1) the phenomenon of determining to commit oneself to some action. (2) the object of (1).
- commitment, 2LAR structure of:** in Quantity, the *momenta* of active pledging, passive pledging, and proxy pledging; in Quality, the *momenta* of Self-love, Self-respect, and Self-regard; in Relation, the *momenta* of *obligatio interna*, *obligatio deliberatus*, and *obligatio externa*; in Modality, the *momenta* of aesthetically problematic, aesthetically assertoric, and aesthetically apodictic.
- commitment-to-obligation** (*Verpflichtung*): the binding of oneself as beholden to observing and acting in accordance with duties of moral custom (*Sittlichkeit*).
- commonwealth of the group** (also called the general welfare): the entirety of the personal interests and objectives of the members of a group such that these interests and objectives are not in conflict with each other. A conflict is said to exist if satisfaction of one person X's objectives necessary implies the frustration of some other person Y's objectives. A social contract for the group is possible only if a commonwealth of the group is possible.
- communal understanding:** See adaptation level.
- Community:** a voluntary association of people who join together for some common purpose. A Community is either a civil Community or a non-civil Community.
- community:** a group of people living in the same district, geographical area, etc. under the same laws.
- compact:** an agreement; a contract between parties.
- competition:** a form of interaction in an embedding field network whereby activity in one node tends to decrease activity in one or more other nodes.
- competition ignition:** an embedding field graph event represented in the activity space of the embedding field network that stimulates a change in the competitive balance of the system as signaled by time-varying changes in node activities and limit cycles.
- competition threshold:** a set of vectors delimiting a boundary region in the activity space of an embedding field network where activity *x* does not ignite competition.
- competitive balance:** an equilibrium state in the set of activities in an embedding field network.
- complementarity:** reciprocity of observable behaviors.
- conceptualizing:** the *a priori* aesthetic function of taste that connects an intuition with teleological reflective judgment by signifying the intuition as practically expedient for a pure purpose of practical Reason and as motivationally expedient for the manifold of concepts.
- congruent motives:** the relationship between the motive of a leader and the motive of a follower in which it is possible for both to be satisfied by the outcome of their cooperative actions.
- constitution** (of a Community): a documented agreement entered into by all citizens of a Community, all of whom agree to be Duty-bound to the observance of its terms and under Obligation to comply with them. A constitution of a Community is a social contract.
- context** (*Zusammenhang*): the sphere of concepts, combined by judgment with the concept said to have the context, which delimits the applicable scope involving that concept in Reality.
- cooperation:** (1) from the judicial Standpoint, the exhibition in action and behavior of mutually co-determined Self-regulations of the action expressions of individuals during civic and civil social interactions; (2) from the practical Standpoint, collective behaviors of a group of interacting people within a leadership dynamic in which each individual acts from a basis of Duties according to his personal and private moral code but in such a way that he interacts congruently with the Duty-determined behaviors of the other people. To congruently interact in this context means that satisfaction of Duty by one person in the group does not thwart satisfaction of Duty by another person in the group. Cooperation can be either civic or uncivic.
- cooperation of a leader and follower:** the joint actions of two (or more) people in a leadership relationship. See also, leadership.
- corporate person:** the regulative Idea of the one-ness of the Community of a group of people regarded as a body politic. The object of a corporate person is a Community in its entirety. The corporate person contains a representation of a generalized system of social economy.
- crime:** any intentional transgression.
- criminal:** a person who commits a crime.
- criminal relationship:** a mutual relationship between a criminal and others he holds-to-be-members of a society.
- Critical Semantics:** the transcendental Logic of combining cognitions and affective perceptions with expression to produce real meanings. Critical Semantics is the organic doctrine of an organized phenomenon found in all empirical appearances where Critical life is said to subsist.
- Dasein:** existence in the context of that-which-exists. *Dasein* announces the matter of existence for an Object.
- democracy:** (1) government by the people either directly or through elected representatives based on the principle of majority rule; (2) the casual synonym for non-consensus democracy.
- democracy, consensus:** governance of a Community by means of the consent and acceptance of all the

- members.
- democracy, non-consensus:** governance of a Community through rulership grounded in the principle that the majority opinion is to rule.
- deprivation:** tension not involving imperatives of duties to oneself and resolved in judgmentation before such imperatives are stimulated in the manifold of rules.
- describing function:** a phenomenological equation or set of coupled phenomenological equations used to transform the description of a set of mathematical input variables into a determined set of output variables.
- despotic association:** See despotism.
- despotism:** association under an uncivil convention.
- dignity of humanity in one's person:** a practical tenet in the manifold of rules pertaining to determination of an appetite orienting the person's action insofar as this action manifests an Obligation-to-Self.
- domain of a function:** the set of values that can be assumed by the independent variable(s) of a function.
- D-PIPOS circumplex:** an empirical circumplex model denoting the placement of factors from the DSM-IV personality categories, Wilson interpersonal styles, and Kiesler operationalization styles in Wells' empirical personality styles circumplex model.
- DSM-IV:** abbreviation denoting the *Diagnostic and Statistical Manual of Mental Disorders*, 4th ed.
- Duty (Pflicht):** a necessitated and objectively practical act, in accordance with an idea of objective moral law, that excludes all personal inclinations from serving as the ground of the action.
- duty:** a necessitated action connected in a formula of obligation corresponding to a form of Duty. A duty is composition (matter) for the *nexus* (form) of obligation.
- Duty and contrary to Duty, moral category of:** the contextual determination of what a duty asserts and does not assert in its meaning implications.
- dynamic:** a representation of the *Existenz* of a potential power of organization for a particular type of spontaneity.
- economic good:** any physical object (tangible good), rendered economic service (kinetic intangible good), or capacity for rendering an economic service (potential intangible good) that can be exchanged for something else.
- economic service:** the action that a person performs as a means for realizing an economic good; often just called a service.
- economics-in-general:** the production, distribution and consumption of assets of wealth-in-general.
- embedding field:** the mathematical structure of a generally nonlinear and time-varying network in which functional association chains are formed between network nodes such that these chains become embedded in the field of the system's possible alternative behaviors.
- embedding field graph:** a signed, directed mathematical network depicting generally a nonlinear and time-varying system that instantiates a model under the doctrine of a non-stationary learning theory developed by Grossberg and called the theory of embedding fields.
- embedding field network:** an embedding field graph.
- embedding field theory:** the theory of embedding fields and systems described by embedding field graphs.
- enormity:** an action taken by agents of an institution that harms members of a society.
- Enterprise:** the common Object of all the individual instantiations of personal enterprises carried out by a group of people associated with each other in a united Community.
- enterprise, personal:** any undertaking actualized by an individual for reasons grounded in duties to himself or Duties to himself reciprocally with others to whom he had bound himself by Obligation.
- entity:** in social-natural contexts, any nominally designated aggregate of people in regular effective interaction with each other.
- epistemology-centered:** a system of metaphysics grounded in Ideas and principles of Critical epistemology.
- equality, natural:** the communal condition in which no person has any natural liberty that every other person does not also have.
- essence of a successful Enterprise:** the realization of satisfaction, by each member of the Enterprise Community, of his purposes that ground his own individual enterprise activities.
- ethically significant thought:** representation in sensibility originating in the process of thinking that affects the motivational dynamic by stimulating the invocation of practical tenets in the manifold of rules that manifest the person's *Moralität* system.
- exchange-attempt:** a social interaction in which one person employs the tangible power of his person by offering something from his stock-of-goods to another person for the purpose of receiving something in exchange that he expects to either maintain Order or promote Progress in his *Personfähigkeit*.
- executive:** anyone whose duty is the day-to-day governance of the leadership in one or more Enterprise mini-Communities in such a way that the Enterprise as a whole successfully executes the activities needed to realize the common purposes of the Enterprise.
- Existenz:** existence in the context of the-manner-in-which-something-exists. The term designates the forms of appearance of an object and its formal relationships with other objects.
- expectation of authority:** the demand by citizens of a Community that a person holding a position as a designated authority figure possess the *Kraft* of authority and will actualize it for the benefit of their common association.
- expedience (Zweckmäßigkeit):** a property of a representation regarded as possible only with respect to some purpose from the practical Standpoint. The expedience of something is the congruence of a thing with that property of things that is possible only in accordance with purposes.
- expression:** the capacity for an act to produce an action.
- Fähigkeit:** capability, i.e., the quality of possessing a

- power to do something. Depending on specific context, *Fähigkeit* can refer to an ability, a faculty, or a talent.
- fault:** any unintentional transgression.
- feeling of Lust or Unlust:** any of the 13,122 distinct species of affective perception judged by the process of reflective judgment.
- field bond:** a functional describing the effect of an environment on a person or the effect a person has on his environment.
- follower:** a person is a follower if the act of his Self-determination is stimulated by the actions of another person. That other person is his leader. *See also* non-follower.
- follower, actual:** a follower whose actions are congruent with the purposes of the leader.
- follower, opposing:** a follower whose actions are incongruent with the purposes of the leader.
- followership:** Quality in a leadership relationship in which the Self-determination of the follower judges what actions he will undertake at the behest of the leader, what actions he will not undertake, and what actions he will take for the purpose of affecting the purposes of the leader.
- free society:** socialization grounded in unanimities of meanings shared by a group of people.
- freedom:** the capacity for one's Self-determination to take action.
- functional:** in mathematics, a function having a domain that is a set of functions and a range belonging to another set of functions.
- Gemeinschaft:** governance of a Community through loosely organization cooperations by groups of individuals on specific matters of direct interest to them, and in which cohesion of governance is primarily reliant upon citizens' civic conformity to Community mores and folkways.
- general welfare:** the entirety of all the personal civic interests and civic objectives of every citizen in a Community. Civic interests and civic objectives are interests and objectives that are not in conflict with those of other citizens such that satisfaction of one person's interests or objectives violates a civil right of another citizen. In 2LAR form, general welfare is: health and safety welfare (Quantity); public education welfare (Quality); economic welfare (Relation); and political welfare (Modality).
- general will:** the unity in acting to improve the communal idea of ethical and moral perfection of the association through on-going processes of review, evaluation and refinement taking as their aliments all factors pertinent to the maintaining and sustaining of civil tranquility within the Community. General will as transcendental Object is the Object of appearance of coherence in practical orientation with respect to Community interpersonal interactions. The logical essence of general will is that it is the process of judging judgments of Community governance.
- generation activity:** expressed social interaction activity that either (1) generates/strengthens social-chemical bonds; or (2) weakens/annihilates social-chemical anti-bonds.
- geographic community:** an aggregate of people in the same geographical district or location living under a common set of laws.
- good (Guten):** deontologically, the Object of practical Reason by which an object, called an objective good, is represented a necessary object of appetitive power. Good is a practical representation of the power of Reason and refers to the choice to effect or maintain the actuality of an object of representation in judgment. The notion of good is contained in the act of practical determination of appetitive power (as a means) according to a practical maxim and not in the outcome of the action as an object.
- good, objective:** an objective good is an object for which its concept has been associated with one or more meaning implications such that the synthesis of appetite validates the meaning implication as deontologically good (*Guten*).
- governance:** (1) from the practical Standpoint, the exercise of authority in management and administration of the leadership dynamics within a Community; (2) from the judicial Standpoint, a set of co-determining emotivity operationalizations that characterize leader-follower dynamics purposively aimed at maintaining and perfecting a relationship of civil Community among a group of persons; (3) from the theoretical Standpoint, mutually co-determined Self-regulation of individuals' action expressions during civic interactions. It is the form of leadership dynamics exhibited through these regulations in a Society.
- government:** the system of institutions formed by members of a Society for the purpose of realizing Order and Progress through the dynamics of governance. Good government is government that improves the state of perfection of social Order and Progress in the Society. Bad government is government that is antagonistic to the realization of Order and Progress.
- granulated socialization:** a complex social environment in which the person regards himself and all the other associated people as being members of the same abstract society, but which he further subdivides into logical sub-societies. Specific individuals or groups of individuals are classified by the person as belonging to one or more of these sub-societies. The person regards his relationships with these sub-societies as non-bonded, bonded or anti-bonded relationships, depending on what specific tenets or maxims he applies to the particular sub-societies.
- granulated Society:** a Society in which granulated socialization hinders the achievement of equilibrium in the corporate person of the Society.
- granulated society:** a society with granulated socialization by the person whose society it is.
- graph:** a mathematical structure consisting of a set of points, called vertices or nodes, connected by a set of edges. A directed graph is a graph in which direction is associated with the edges. These directed edges are then called arcs.
- gregarious:** the transition region octant of the D-PIPOS circumplex between the central Analytic personality

- style and the central Amiable personality style.
- gregarious axis:** the vector axis in the D-PIPOS circumplex model that defines the center of the gregarious overlap octant.
- Grossberg consensus:** the mathematical object of Grossberg's global consensus theorem [Grossberg (1978), "Competition, decisions, and consensus," *J. Math. Analysis and Applications*, **66** (1978), pp. 470-493].
- Grossberg, Stephen:** (1939-) professor of mathematics, psychology, and biomedical engineering at Boston University and discoverer of embedding field theory.
- ideal society:** socialization grounded in symbolic thinking and judgmentation insofar as the meanings of the symbols are shared by a group of people who collectively constitute a civil Community. An ideal society is a Society of symbolic ideals.
- idiosyncratic-emulative axis:** the principal axis of Wells' personality style circumplex model denoting the dimension of a person's subjective orientation towards his own actions.
- imperative of happiness:** a theoretically hypothetical imperative with assertoric Modality.
- imperative of pragmatism:** See pragmatic imperative.
- imperative of prudence:** a theoretically hypothetical imperative that synthesizes an imperative of skill and an imperative of happiness. The Modality of this imperative is logically apodictic because the application of the skill is held-to-be-necessary for the achievement of the Object of happiness.
- imperative of skill:** a theoretically hypothetical imperative with problematic Modality.
- incongruent motives:** relationship between the motive of a leader and the motive of a follower in which the condition of satisfaction for one of them is such that this condition must result in dissatisfaction for the other in the outcome of their cooperative actions.
- individualistic:** the transition region octant of the D-PIPOS circumplex between the central Driver personality style and the central Expressive personality style.
- individualistic axis:** the vector axis in the D-PIPOS circumplex model that defines the center of the individualistic overlap octant.
- injustice:** contradiction of justice.
- intelligence:** (1) the capacity for adaptation of mental structures; (2) the capacity to constitute a state of equilibrium towards which tend all successful sensorimotor and cognitive adaptations and all assimilatory and accommodatory interactions between a human being and his environment; (3) the intelligible Nature of a human being regarded as *homo noumenon*.
- intelligence per se:** the ability of a human being to which degree he has the power to represent what cannot by its own quality occur in the senses.
- interaction bond:** a functional describing the effect the expressed actions during one person's social interaction with another person has on that person.
- interpersonal style:** the habitual behaviors and operationalizations expressed by a person during his interpersonal interactions with other people.
- isomerization:** any Self-determined mental self-change effected in any or all of a person's manifolds of concepts, Desires or rules.
- judgmentation:** (*Beurteilung*) the overall process of exercising reasoning, determining judgment, reflective judgment, the synthesis in sensibility, and the regulation of motoregulatory expression by which understanding is attained.
- judicial Idea of continuity in *Existenz* of the corporate person:** the principle stating that Community and non-Community are reflected in appearance by actions of the members of an association. The principles of its 2LAR functionals are: (Quantity) actions taken by the members are indicative of corporate unity or disunity; (Quality) members can perceive communal disunity and trouble; (Relation) actions reflect personal interests and intents; (Modality) all individual actions are taken in pursuit of individual happiness.
- jus quaesitum:** legally sanctioned gain, profit or benefit. The ground of the legal sanction is some mutual exchange of pledges by which a social compact has been mutually agreed to by both parties involved.
- justice:** the negating of anything that is unjust.
- justice system:** the institution of mechanisms of governance for the purpose of realizing justice within a Community or a Society.
- Kant, Immanuel:** (1724-1804) professor of philosophy at the University of Königsberg and originator of the Critical Philosophy.
- Kraft:** (1) in the context of a human being, the ability of a person to Self-determine his own accidents of *Existenz*. In Critical metaphysics, the human being as *homo noumenon* is regarded as the substance in which inhere all appearances of his *Existenz* as *homo phaenomenon*. (2) in general, the matter of an ability in terms of what the ability is able to do.
- Labor:** any group of people who render economic services.
- labor:** the economic services a laborer provides.
- laborer:** (noun) a person regarded as part of or belonging to a Labor group; (verb) to render an economic service.
- laboring:** the rendering of an economic service.
- law (*Gesetz*), moral category of:** a theoretically categorical imperative a person deems to be binding for every person in and of itself.
- law of reason, constituted:** a concept in the manifold of concepts that represents a legislated idea of a precept or a theoretical imperative. A law of reason is a Self-legislated theoretical tenet.
- law of Self-optimization:** a human being, regarded as *homo noumenon*, is a Self-optimizing agent with regard to his state of *Personfähigkeit*. The law of Self-optimization is the mathematical counterpart for human Nature to the modified Hamilton's principle in the physics of physical-Nature.
- leader:** a person who purposively stimulates the Self-determination of another person to express an action congruent with the leader's purpose.

- leader, real condition of a:** the condition for the *Dasein* of a leader is the *Existenz* of at least one follower whose actions the leader has the ability to stimulate.
- leader action:** an action taken by a leader that stimulates a state of tension in a follower. Leader actions are either successful, unsuccessful or non-successful.
- leader action, non-successful:** a leader action for which the follower's Self-determination produces behaviors or actions contrary to, but not contradictory to, the leader's intent.
- leader action, successful:** a leader action for which the follower's Self-determination produces behaviors or actions congruent with the leader's intent.
- leader action, unsuccessful:** a leader action for which the follower's Self-determination produces behaviors or actions contradictory to or opposed to the leader's intent.
- leadership:** the reciprocal relationships between two or more people by which the Self-determination of action by followers (are) stimulated by the actions of a leader. The follower's Self-determination is a synthesis of transcendental topic with the mathematical form {integration, subcontrarity, transitive Relation, determination}. Leadership is a social dynamic and does not subsist in any individual but only in relationships between or among individuals.
- leadership action:** the entirety of actions by a leader and a follower such that a state of tension is produced in the follower which results in his taking some action.
- leadership governance:** the management of the leadership dynamic in a group of people.
- leadership guidance:** the influence of the actions of a leader on a follower's Self-determination of his actions.
- leadership guidance, real condition of:** an ability of a person to stimulate action accidents by another person.
- leadership, principle of real condition of:** objective validity for the positing of the actuality of leadership is grounded by exhibition of actions by two people that can only be explained by the *Dasein* of a reciprocal relationship between their acts of Self-determination.
- leadership skill:** the ability of a leader to stimulate a follower to self-invoke his own internal practical rules in such a way that the follower self-determines his actions in a manner congruent with what the leader intended to accomplish.
- leading:** the actions of a leader that stimulate a follower to self-invoke practical rules resulting in actions satisfying to what the leader intended to produce as the effect of his actions.
- legal system:** the instituted mechanisms of the governance of leadership set up to serve a justice system.
- liberal public education:** the institution of a system of education designed for the purpose of developing personal tastes and tenets of cooperation in such a way as a civil Community deems desirable.
- liberty:** freedom plus the ability to realize the action undertaken.
- liberty, civil:** *See* civil liberty.
- liberty, natural:** liberty such that the ability realize the undertaking of an action is constrained only by physical laws of Nature.
- limit cycle:** any closed trajectory in an activity space or subspace which is approached asymptotically by other trajectories. (also called a circular reaction).
- management:** the entirety of activities aimed at stimulating the leadership dynamic and then guiding and shaping the courses of all subsequent actions such that these actions accomplish the aims and meet the purpose of the managed enterprise.
- manifold:** the entirety of an arrangement comprised of many units or parts of one kind arranged in such a way as to constitute a faculty.
- manifold of concepts:** the structured knowledge of objects constructed by means of thinking by the process of determining judgment.
- manifold of Desires:** knowledge of subjective factors constructed by means of the process of reflective judgment.
- manifold of rules:** the structure of practical knowledge underlying actual human actions and behaviors that is constructed by the process of practical judgment.
- maxim:** in Critical metaphysics, a constructed rule of actions containing lower rules under it. A practical maxim is a practical rule of action constructed in the manifold of rules in practical Reason. A theoretical maxim is a concept of a rule constructed in the manifold of concepts by determining judgment.
- maxim, moral category of:** a theoretical tenet a person holds to be a private theoretical rule of action, but which he does not regard others as being bound by.
- mini-Community:** a civil Community constituted as a proper subset defined by the intersect of its members' societies.
- mini-Society:** the mathematical object constituted as a mathematical set of people defined by the union of all people belonging to the divers mini-Communities of the members of a common mini-Community. A mini-Society is almost always contained in a social Molecule because it rarely exists without social interactions with people who do not belong to it who, because of these social interactions, must be included as constituents of its social Molecule. A mini-Society is a principal quantity of Critical mathematics and is therefore a proper Object of social-natural science.
- monarchy/oligarchy:** governance of an association through rulership of the majority of its people by a single ruler or by a small and select class of rulers.
- moral, the (die Moral):** the Object having *Moralität* as its object and moral custom (*Sittlichkeit*) as its *parástase*.
- moral code:** the structure of practical rules in the manifold of rules constituting the practical representation of the person's imperatives of Self-respect.
- moral context:** a *nexus* of concepts in which a concept of *officium* is understood.
- moral custom (Sittlichkeit):** a custom or folkway assigned a moral significance in its meaning.
- moral law (Sittengesetz):** a law of reason taking its

- context from ideas of reciprocal Duties and Obligations of moral customs. A moral law is a man-made law (a convention) of custom, manners, or propriety held to be a law of civil behavior and regarded as a social law.
- moral personality:** the categorical Relation to Duty by which a person respects himself as an individual and sets terms by which he is willing to accept obligations and bind himself to duties.
- moral secession:** the withdrawal of a citizen from a Community or Society without transgression that is justified by a perpetuation of injustice committed by the body politic through violation of the condition of their social contract. A moral secessionist reverts to outlaw status in a state of nature relationship to his former association and does not thereby become a criminal. He freely alienates all his civil rights and civil liberties and regains all his formerly alienated natural liberties. All the remaining members of the association who acquiesced in the perpetuation of injustice are morally culpable for his act of secession and have committed a deontological moral transgression by failing to carry out their Duty to commit their persons and powers to maintenance of the civil Community.
- Moralität:** a system of practical laws standing under practical hypothetical imperatives that a human being constructs in his manifold of rules. His conceptualization of this system has rules of duty for its objects and is called morality.
- morality:** the idea represented in the manifold of concepts having a system of moral laws as its object.
- moralize-ability:** expedience of a *parástase* of the complete context of all a human being's phenomenal concepts of appearances for a moral signification in meaning.
- morals (Sitten):** the use of freedom according to constituted laws of reason.
- motiva objective moventia:** motives that objectively stir the senses.
- motive (Bewegursache):** (1) from the judicial Standpoint the binding determination of motoregulatory expression by an act of reflective judgment; (2) from the practical Standpoint, the cause of an intellectual appetite. Motive is the assertoric character of the synthesis in continuity of Self-*Existenz* through the judicial Idea.
- motive Quality in the leader-follower relationship:** the heading of Quality under which stand the *momenta* of congruent motives, incongruent motives and non-congruent motives.
- motives:** See congruent motives, incongruent motives and non-congruent motives.
- natural society:** socialization grounded in personal affective judgments reciprocated among a group of people.
- nature:** 1) a typically non-technical term that is usually used as a synonym for definition (2) of Nature; 2) as used by Kant, nature is the principle of the *Dasein* of a thing so far as it is internally determined according to general laws. This is Critically what is meant by "the nature of a thing."
- Nature:** 1) the objective representation ('world model') of all-that-exists; 2) when applied to a specific object, the Nature of that object is the objective representation of all its characteristics and relationships with other objects.
- necessitatio pathologica:** constraining from feelings or sensations.
- network:** a directed graph in which every arc is assigned a functional defining the association between the source node of the arc and its sink node.
- non-civil Community:** a Community in which the association does not involve a civil convention, civil rights or civil liberties.
- non-civil convention:** a form of association in which the members intend to have the association serve as a means for each to satisfy his self-interested purposes but in which the terms of a social compact are not met.
- non-congruent motives:** relationship between the motive of a leader and the motive of a follower such that the achievement of satisfaction by one of them is independent of the achievement of satisfaction by the other.
- non-follower:** a follower whose actions have no relationship with the object of the leader's purpose.
- object (Gegenstand):** the matter of an Object; that which is a unity of concepts, in the concepts of which meanings are vested, and which is contrary to cognitions being haphazard or arbitrary.
- Object (Objekt, Object):** that in the concept of which the manifold of a given intuition is united, which stands as subject of a judgment that can contain different possible predicates, and which has no opposite. The matter of an Object is the object; the form of an Object is the representation.
- obligatio deliberatus** (deliberate pledging): a form of pledging in which pledger and pledgee are one and the same person, the matter of duty is a duty-to-Self with regard to one's situation, and the obligation is an obligation-to-Self with regard to one's situation. *Obligatio deliberatus* is logically hypothetical pledging.
- obligatio externa** (outward pledging): a form of pledging in which the pledgee is another person or group of persons. The matter of duty for *obligatio externa* is a reciprocal duty to oneself (the pledger) with respect to the situation of others. The form of *obligatio externa* is logically disjunctive, which means in this case that the pledger regards the determination of his duty as co-determined with a duty pledged to him by the pledgee that he can require the pledgee to fulfill.
- obligatio interna** (internal pledging): a form of pledging in which pledger and pledgee are one and the same person, the matter of duty is a duty-to-Self with regard to one's own personality, and the obligation is an obligation-to-Self with regard to one's own personality. The form of *obligatio interna* is logically categorical pledging.
- Obligation (Verbindlichkeit):** an overall orientation of judgmentation in the self-determination of appetites such that the action is necessitated by a practical moral imperative.

obligation (*Obligation*): (1) in the narrow sense, the necessity of a free act under a theoretically categorical imperative of Reason; (2) in the wide sense, a ground for an act that originates in the manifold of rules in practical Reason.

obligatione activa: practical legal liability.

obligatione externa: outward legal liability.

obligatione interna: inner legal liability.

obligatione passiva: legal liability subject to passions or emotion.

obligee: the pledgee who has placed himself under some obligation to fulfill some duty.

obligor: a pledgee to whom a person has placed himself, by pledging, under some obligation to fulfill some duty.

officium: (1) the Object of unity of Duty and Obligation or duty and obligation; (2) that which one is bound to do in the service of obligations; (3) from the judicial Standpoint, an act of Critical Self-respect; (4) from the practical Standpoint, the combination of a matter of Duty-action (*Pflicht*) and a form of Obligation; (5) from the theoretical Stand-point, the combination of a matter of duty-action (as a *Verpflichtung*) and a form of obligation. Definition 1 is the root definition, definition 2 is the instantiating definition, and the remaining definitions are the term's epistemological explanations.

Oncken's dictum: "If all the other people in your molecule were to conspire to make you successful, there's nothing you could do to stop them."

Oncken's metaphor: The people an entrepreneur interacts with on a more or less regular basis in the course of carrying out his enterprise are social atoms in a social molecule in which the entrepreneur is also a social atom.

ontology-centered: a system of metaphysics or pseudo-metaphysics grounded in ideas and principles of an ontology, in relationship to which epistemology is derivative and grounded in objects. All ontology-centered metaphysics are without real objective validity.

operationalization: the act of putting something into operation.

optimization: (1) in general, the activity of perfecting some object by minimizing the degree of difference in intensive magnitude between the state of the object as determined by a measure of its perfection and a standard of perfection; (2) in mathematics, the process of finding the best possible solution to a problem. The process usually consists of maximizing or minimizing the value of a certain function subject to any given constraints. A human being, regarded as *homo noumenon*, is a Self-optimizing agent with regard to the state of his *Personfähigkeit*.

Order: an Object subsisting in the preservation of the degree of all kinds and amounts of objective good people deem to already actually exist.

orderly person, the: the object of the dynamical idea that the person himself actualizes the connection of Self + world. The idea of the orderly person is logically divided into: order (*Anordnung*) through ideas as its form; and (2) order (*Anordnung*) through

sensation as its matter. The matter idea is an idea of taste (*Geschmack*). The principle of the orderly person references the functional invariant of noetic and somatic organization (organizing). The *Anordnung* of a person is a conservation of the organization of an open system, hence is effected by conservation of powers of assimilation throughout scheme accommodation.

organizing principle of *Anordnungskräfte* in the anthropological person (principle of citizenship):

Each person in an association is to put his person and all his power in common under the supreme direction of the general will as the general will is gauged by and recognized through social institutions, and is to regard each associate in his corporate capacity as an indivisible part of the whole body politic of their association.

organizing principle of *Anordnungsvermögen* in the anthropological person (principle of civic co-operation): Each person in the Community pledges himself to Obligations he acknowledges himself to owe to the Community.

organizing principle of coalescing in the Idea of the Social Contract: Global practical optimization of *Sittlichkeit* (moral custom) is effected through competition among the Duties-to-Self of the persons in the Community.

organizing principle of conceptualizing in the Idea of the Social Contract: Competitive global consensus in cooperations is exhibited by emergence of constituted, man-made institutions of communal self-governance manifested in processes of review, evaluations, checks and balances, and social refinements that serve the function of perfecting civil tranquility in the Community.

organizing principle of patterning in the Idea of the Social Contract (principle of emerging *Sittlichkeit*): The dynamics of social equilibration in the corporate person act as a synthesizer of the private moral codes of the persons in the Community to produce a practical system of moral customs.

organizing principle of precisioning in the Idea of the Social Contract (principle of Grossberg consensus): Exhibition of cooperative consensus manifests in appearances an ideal of absolute non-expression of civil tranquility within the Community in the embedding field graph of a corporate person in its environment.

organizing principle of *psyche*-aesthetics in the Idea of the Social Contract (the principle of justice): Living in a socially contracted environment of Community must not frustrate expectations for fulfillment of the condition of social contracting because of perpetuation of injustice.

organizing principle of *psyche*-teleology in the Idea of the Social Contract (the condition for social contracting): The association will defend with its whole common force the person and goods of each associate in such a manner as by which each associate is able to unite himself with all the others while at the same time is still able to obey himself alone and remain as free in his liberty of action as he

was before joining the association.

outlaw: a person having relationships of interactions between himself and others who he regards as members of a society, but who regards all of these relationships as without any reciprocal commitments or obligations and who judges his interactions with that society only in contexts of Duties-to-himself with respect to his own situation. The outlaw relationship is reciprocal: the society regards this individual as outlaw with respect to itself, and he regards the society as outlaw with respect to himself.

parástase: the determined outcome or "depiction" of a noetic act of representation.

pattern: an arrangement of form as a grouping or distribution of elements. A mathematical set is an example of a pattern.

patterning: the act of representing a pattern.

perfect and imperfect Duty, moral category of: the determining factor representing a Duty as either involving a social Obligation (perfect Duty) or a private Obligation-to-oneself (imperfect Duty).

perfection (perfecting): acting to make something more perfect. The ideal of being perfect means being entirely complete. This ideal is a goal of judgmentation and at any stage of equilibrium a human being's knowledge is as perfected as he has been able to make it. In a disturbed state of non-equilibrium a human being is aware of lack of perfection and his Self-determination is oriented to act to negate this lack.

permitted and unpermitted, moral category of: an act is permitted if the action is not proscribed by a moral maxim or law; the action is then said to be morally indifferent; an act is unpermitted if the action is proscribed by a practical rule limiting one's liberty to carry it out. Accommodating judgmentation of an unpermitted act must be carried out such that the modified action is no longer proscribed by any practical rule before the action can be effected.

person (Person): that subject of a judgment who can be regarded with practical objective validity as the agent of his own actions and to who alone these actions can be attributed as effects for which the person is the original cause.

personality (Personlichkeit): (1) from the theoretical Standpoint, the entirety of the nexus of practical rules in the manifold of rules regulating a person's habits expressed by his physical and mental activities; (2) from the practical Standpoint, the capacity for freedom by which a person can be his own Self-determining agent in autonomy from being externally determined by factors outside of his Self.

personality style: the phenomenal appearances of personality expression.

personality style circumplex: an empirical circumplex model proposed by Wells for modeling interpersonal interactions in social-chemistry modeling of social environments. Also called the D-PIPOS circumplex.

Personfähigkeit: See power of a person.

Personlichkeit: See personality.

pledgee: the person to whom anything is pledged.

pledger: one who pledges, i.e., makes a pledge.

pledging: the action of making a pledge.

pledging, active: pledging in which duty is not pledged to an obliger. Active pledging is an impersonal pledging, i.e., the pledger consciously makes his pledge to an abstract Object or an ideal. There is then no identifiable actual person who stands as pledgee and obliger.

pledging, passive: pledging in which duty is pledged to a person who is thereby made an obliger with respect to a pledger, i.e., an obligation is assumed by a pledger in exchange for something the obliger has pledged to first provide to the obligee. For example, a borrower has enacted a passive pledging to a lender and the borrower's obligation to repay the loan becomes effective as soon as he receives the actual loaned good. The lender has likewise enacted passive pledging, but in his case the obligation to provide the loan is effective immediately and his obligation is discharged after the loan is actually made. Passive pledging is therefore reciprocal pledging specifying an ordering by which obligations become effective. Passive pledging is always personal pledging, i.e., the pledges are made to specific and identifiable persons.

pledging, proxy: pledging in which active pledging is regarded as passive pledging. In proxy pledging the pledger identifies some actual person or persons to stand as an Ideal for an abstract Object without making a distinct representation that the proxy Object is an Ideal and not an actual person.

power of a person (Personfähigkeit): the organization of the capacities of a person for realizing or attempting to realize the objects of his appetites. Its 2LAR structure is: the person's physical power, which subsists in the capacities of his body (Quantity); the person's intellectual power, which subsists in his knowledge, intelligence and judgment (Quality); the person's tangible power, which subsists in his stock of tangible personal goods, fungible skills, and his stock-of-time available to him for using them (Relation); and the person's persuasive power, which subsists in his ability to sufficiently communicate his thoughts and ideas to other persons and thereby gain their consent, agreement or cooperation.

practical hypothetical imperative: any currently unconditioned rule in the manifold of rules.

practical judgment: the mental process that constructs the manifold of rules in pure practical Reason. This process is responsible for the person's capacity for experience-driven construction of his personal and private moral code as well as for all practical lessons of experience he acquires as practical knowledge of actions and schemes.

pragmatic: the practical employment of prudence in exercising one's liberty of actions.

pragmatic association: association without a civil convention or under a non-civil convention.

pragmatical imperative: a theoretically hypothetical imperative of the prudent use of a practical skill in the exercise of one's liberty of actions.

praxis: the application of a theory to cases encountered

in experience but which is at the same time also ethically significant thought.

precept (*Vorschrift*), **moral category of:** a theoretically hypothetical imperative a person holds-to-be-binding for every person according to his condition or his situation. All moral precepts are products of judgments of taste.

precisioning: the Modality functional in judgments of taste that sets a concept in a distinct context by ascribing to this context a subjective necessity. The precisioning functional marks the object of a concept as exemplary.

primitive society: the idea of a comparison between two or more Societies in terms of their relative perfecting of *Volks*-society. Its Object is the relative ranking of compared states of civilization progression and provides an objective measure of the relative perfection of civil *Sittlichkeit* in the compared Societies. A natural society is more primitive than a free society, and a free society is more primitive than an ideal society.

Progress: an Object subsisting in increasing the kinds and amounts of objective good people deem to be possible to realize (make actual).

proprietor: one who possesses rightfully a particular property.

prudence: the use of skill to realize an objective of happiness.

psyche-aesthetics: the functional Idea of movement and occupation of mind through sensations. This Idea is the Quality functional in the anthropological person. The Idea references *psyche* through adaptation measurement (the Quality functional in *Lust-Kraft*).

psyche-teleology: the functional Idea of movement and occupation of mind through ideas. This Idea is the Quantity functional in the anthropological person. The principle of *psyche*-teleology is the principle of animation of the power of mind, hence it references *psych* through adaptation performance (the Quantity functional of *Lust-Kraft*).

range of a function: the set of values that can be assumed by the dependent variable(s) of a function.

Relation reciprocally of one person to the situation of others, moral category of: the *nexus* of tenets held-to-be-binding in the context of a social contract.

Relation to personality, moral category of: the *nexus* of tenets of action pertaining to the person's Self-respect.

Relation to the situation of the person, moral category of: the *nexus* of tenets of action pertaining to how the person deals with the contingencies of external Nature so far as these contingencies affect his own well-being.

republic: governance of a Community: (1) without rulership; (2) in which all expectations of authority are derived from a common set of generally-agreed-to objectives of governance; and (3) which is administered by officials, appointed either directly or indirectly by consent of the citizens, who pledge themselves to faithfully carry out particular *Schuldigkeit* specific to the expectation of authority assigned to their office.

revolution: action taken by members of a Society or a Community that destroys an institution of that Society or Community.

Rücksicht: the act of taking into consideration an Object as a matter of importance or a matter of respect.

rule of commission, moral category of: the Quality of a moral maxim, precept or law holding that it is congruent with its moral context if the action is effected and incongruent if it is not.

rule of duty: a concept in the manifold of concepts having a matter-of-duty as its matter of composition and a formula of obligation as its form of *nexus*. The object of the matter-of-duty is called its duty. A rule of duty is also called an idea of objective moral law.

rule of exception, moral category of: the Quality of a moral maxim, precept or law whereby in some contexts congruence of the rule subsists in an act of commission while in other contexts congruence of the rule subsists in an act of omission.

rule of omission, moral category of: the Quality of a moral maxim, precept or law holding that congruence with its moral context subsists in not taking the action and incongruence subsists in taking it.

ruler: a leader whose leader actions are premised on tenets of a rulership relationship between himself and the follower, and who is at liberty to unilaterally take actions the follower judges to be detrimental to his welfare and counter to his purposes.

rulership: the relationship between a ruling leader and one or more followers in which Self-determination of behavior by a follower is grounded in Duties-to-himself conditioned by precepts of self-protection from possible actions the ruler is at liberty to take unilaterally. The follower is said to be subjugated by the ruler.

rules of justice (*Regeln des Rechts*): concepts of rules involving one's commitment-to-obligation (*Verpflichtung*).

Schuldigkeit: duty or obligation with a connotation of being responsible for carrying it out and culpable for neglecting it.

science, social-natural: a natural science whose topic concerns the mental Nature of being a human being insofar as the topical phenomena of the science co-involve two or more human beings.

selbstverständlich: the property of seeming self-evident according to a judgment of taste.

Self: the part of a real disjunction in Nature judged by a human being that constitutes the Object of his cognitions of his own *Existenz*. The term is the contrary opposite of the concept of not-Self. All objectively valid contexts of the idea of Self are contexts of accidents and never a context of a substance.

self: the context of the identity or logical essence of an object.

Self-composing person: the Object of the idea that a person is the cause of himself as a person and at the same time the effect of himself as an essential living being and a unique individual. The defining characteristic of a Self-composing person is move-

- ment and occupation of mind, either through sensation or through ideas. The idea subsists in the logical division of *psyche* and references the functional invariant of adaptation. Its principle is the principle of self-composing accommodation within a general organization, hence composition of himself as a person by affinity. The formula of the principle is homogeneity + specification → continuity. The term Self-moving person is synonymous with the term Self-composing person.
- self-contempt:** a feeling of *Unlust* judged aesthetically apodictic by which a person "feels bad about himself." Self-contempt originates from the spontaneity of the person and not through receptivity of the senses, but the feeling requires receptive stimulation to be consciously presented in the cycle of judgmentation. The feeling is the affective opposite of self-regard.
- Self-disposition, right of:** the real capacity of a person to make himself the person he chooses to be.
- self-love:** determination of a choice on the subjective ground of Desire for happiness.
- self-regard** (*Selbstsucht*): a feeling of *Lust* judged as aesthetically apodictic by which a person "feels good about himself." Self-regard originates from the spontaneity of the person and not through receptivity of the senses, but the feeling requires receptive stimulation to be consciously presented in the cycle of judgmentation. The feeling is the affective opposite of self-contempt.
- Self-respect:** the first and pure *a priori* interest of practical Reason to act for the practical perfection of the structure of the manifold of rules in absolute coherence with the formula of the categorical imperative.
- self-respect** (*Achtung*): the representation of a value prejudicial to self-love in the determination of appetitive power. It reflects Self-respect in affective perception, taking its transcendental place from spontaneity and never from receptivity. As an affective perception prejudicial to self-love, consciousness of self-respect has only a negative criterion. That is to say that one only becomes conscious of lack of self-respect.
- selfish interest:** an interest-object for which the concept is immediately conditioned by a concept of Duty-to-Self.
- semantic message:** the *parástase* of a message that can be associated with emotivity and ratio-expression by a meaning implication.
- semantic representing:** the synthesis of an intuition that presents a semantic message.
- Semantic set:** a subset of a meaning implication set regulated and delimited by a specific practical maxim in the manifold of rules.
- semantics, Critical:** the transcendental Logic of combining cognitions and affective perceptions with expression to produce real meanings.
- sensibility:** the conjoint processes of apprehension and apperception.
- sensory impression:** changes in representations of *nous* corresponding to changes in the appearances of *soma*.
- sensus communis:** the empirical property of human judgments of taste exhibited by the capacity for people to be able to sufficiently communicate their affective perceptions to others in such a way that others can recognize by inference of analogy something they recognize in their own affectivity as an analog to what the communicator is attempting to communicate.
- sink node:** the node in a network at which an arc terminates.
- Sittengesetz:** See moral law.
- Sittlichkeit:** moral custom or the moralize-ability of social customs.
- situation:** the combination of circumstances at any given moment in time.
- skill:** dexterity in knowing means to any desired end.
- social:** of or having to do with human beings living together in a situation requiring that they have dealings with one another.
- social benefit:** a state of affairs in which both a leader and a follower are satisfied by the outcome of their joint cooperative actions.
- social-chemistry:** the mathematical theory of social molecules.
- social compact:** any agreement between individuals pertaining to their association with each other in a state of Community.
- social compact, condition of:** that the association will defend and protect with its whole common force the person and goods of each associate in such a way that each associate can unite himself with all the other associates while still obeying himself alone.
- social compact, terms of:** that each associate is to put his person and all his power in common with those of the other associates under the supreme direction of the general will, and that each associate, in his corporate capacity, will regard every other associate as an indivisible part of their whole body politic. See *also*, general will.
- Social Contract:** the mathematical Object that grounds every applied metaphysic of social-natural science that provides a bridge between that science and the fundamental principles of mental physics and the metaphysics proper of Critical epistemology. The Idea of the Social Contract is represented by a 4LAR structure of sixteen regulative principles.
- social contract:** a specific social compact entered into by all members of an association by which each member pledges himself to specific terms under a specific condition.
- social-economic utility:** degree of value satisficing in a generalized system of social economy represented in the context of a corporate person.
- social-economic utility optimization:** minimization of the degree of uncivic social interactions as measured by the degree of global non-equilibrium in the cyclic dynamics occurring within the Community represented by a corporate person. This is the animating principle of tangible power of the corporate person.
- social economy, generalized system of:** a system of

- self-regulating transformations contained in a corporate person actualized by means of social interactions employing personal tangible powers.
- social environment:** the entirety of all social situations and physical-natural conditions in which a particular human being is living at a given moment in time.
- social field bond:** a field bond modeling the indirect effect of the social environment on the person through means other than immediate social interactions or the effect the expressed actions of the person have on the state of his social environment.
- social isomerism:** a Self-excitation functional that produces an accommodation in the person's manifold of concepts or manifold of rules as a consequence of an act of semantic representing.
- social Molecule:** the representation by an embedding field network of the social environments of a population of human beings.
- social-molecule:** the representation by embedding field network of the social environment of a single individual and his personal society.
- social-natural economics-in-general:** the social-natural empirical science of economics-in-general.
- social-natural environment** (abbreviated as SNE): a mathematical model of an entirety of social environments according to a doctrine of social-chemistry.
- social-natural political science:** the social-natural empirical science of government.
- social-natural science:** a natural science whose topic concerns the mental Nature of being a human being insofar as the topical phenomena co-involve two or more human beings.
- social-natural sociology:** the social-natural empirical science of social-physics.
- social physics:** the dynamics of Society-building in an embedding field graph of a social environment.
- social situation:** the combination of circumstances having to do with human beings living together in a situation requiring that they have dealings with one another.
- socializing *Triebfedern*:** motives that incline an individual to accept limitations of his personal liberty of action on the grounds that by doing so he benefits himself in ways that serve his categorical Relations of Self-respect by consequential conditions dependent upon his acceptance of these limitations.
- Society:** the Object understood as a higher concept of divers individual concepts of society retaining what is contained in common among these divers concepts and manifested by a mathematical field construct.
- society:** the mathematical object of a mathematical concept formed by an individual and: (1) suitable for one or more of his purposes; (2) having its principal quantities represent appearances of individuals; (3) having no ontological significance whatsoever; and (4) in logical essence, the concept is a concept of relationships and associations.
- soul (*Seele*):** that which is said to be animated by spirit. In the context of an Organized Being (a human being), soul is the notion of mind-body reciprocity. This technical term is unreal in any supernatural context.
- source node:** the node in a network from which an arc emerges.
- Sovereign, formula of:** the Sovereign is the entirety of the membership in a communal association in which the members have bound themselves to each other through a social contract.
- sovereignty:** the idea of the supreme civil right to govern a collective body politic, whether that body politic is understood in the context of a political unit such as a state or nation or in the context of any other type of Enterprise.
- spirit (*Geist*):** the inner principle of animation for a living being. In the context of an Organized Being (that is, in the context of being-a-human-being), spirit is the notion of *psyche* as the faculty of animating principles. This technical term is unreal in any supernatural context.
- state of nature:** the overall state of human relationships in which people live in a general condition of social anarchy.
- stock:** an accumulation of economic goods.
- stock-of-goods:** a person's store of general economic goods as objects usable for satisfying his occasional human wants and needs. A person's stock-of-goods is divided and classified into consumption stocks, fixed capital stocks and circulating stocks.
- stock-of-time:** (1) that part of a person's intangible wealth-assets that subsists in the use he can make of the time he has for his *Existenz* as a living human being but which can never be exchange in kind or obtained from any other person; (2) that potential tangible good whose amount possessed by an individual is only measurable *ex post facto* by means of that principal quantity of Critical mathematics defined as the calendar duration of his lifetime.
- talent:** a superior ability in comparison with similar abilities of others.
- taste (*Geschmak*):** the aesthetical capacity for judgmentation of an object or mode of representation through a subjective satisfaction or dissatisfaction in which there is no objective interest. Taste is a selection of that which is generally engaging according to the laws of sensibility.
- tectly processive:** the transition region octant of the D-PIPOS circumplex between the central Driver personality style and the central Analytic personality style.
- tectly processive axis:** the vector axis in the D-PIPOS circumplex model that defines the center of the tectly processive overlap octant.
- tenet of means:** a theoretical categorical imperative stating that a person ought to always act so that he takes humanity, both in his own person and at the same time in the person of every other human being, always as an end and never merely as a means alone.
- tenet of moral legislation:** a theoretical categorical imperative stating that a person ought to act in such a way that the maxim of his will always can hold good at the same time as a principle of universal legislation.
- tension:** an object referred to by a feeling of *Lust* or *Unlust* subsisting in the motivational dynamic with a

- 2LAR structural form {expression of interest, affirmation of reevaluation, enforcement of law, groping for equilibration}.
- thinking:** (1) operationally, cognition through concepts; (2) functionally, the process of equilibration insofar as it pertains to mutual interactions among the processes of apprehension & apperception, imagination, determining judgment, and reflective judgment.
- titulum:** a legal heading under which an action, procedure, etc. is legally sanctioned.
- Tocqueville governance:** a mixed-form of civil governance subsisting in a linked system of distributed and non-hierarchical specialized sub-systems and institutions of governance all bound by a set of common general objectives of governance that provides a general orientation for *Schuldigkeit* for all of its offices, officers and agents. Also called an American Republic.
- Toynbee civilization:** a species of Toynbee society distinguished from a Toynbee primitive society. Toynbee found no permanent and fundamental difference by which a civilization can be distinguished from a primitive society, and hence a Toynbee civilization is an object of convention only.
- Toynbee proletariat:** (1) in Toynbee's history terminology, any social element or group which is in some way *in* but not *of* a given Toynbee society at any period in that society's history; (2) in social-natural contexts, any group of former citizens who have morally seceded from their former Community or Society and reverted to outlaw status with respect to those still belonging to their former association.
- Toynbee society:** a community of nations interacting with one another and in which are found common cultural features upon which are based a convention of definition naming them as composing a cultural unit.
- Toynbee universal state:** a single national community incorporating an entire Toynbee society in one political unit. Emergence of a Toynbee universal state is the mark of the last stage that precedes the fall of that civilization. An example is the Roman empire, which was the universal state in the last stage of Hellenic civilization.
- trajectory:** a sequence of points in an activity space or subspace.
- transgression:** any deed contrary to Duty.
- type α compensation:** compensation behavior that consists of canceling a disturbance to equilibrium. It is constitutive of a primitive form of classification and underlies the behavioral phenomenon of ignorance.
- type β compensation:** compensation behavior that transforms disturbances to equilibrium into variations by forming reciprocal relationships. It leads to a primitive form of seriation, i.e., produces an order structure containing at least two contrary partial orders, e.g. $A < B$ and $B > A$.
- type γ compensation:** compensation behavior that can be regarded as the synthesis of type α and type β compensations. Type γ compensation anticipates possible variations and transforms disturbances in reciprocal relationships into mere variations. This permits cancellation of variations and leads to the ability to construct reversible action schemes.
- uncivic:** pertaining to conduct or behavior by an individual that is contrary or contradictory to civic action.
- uncivic social interaction:** a social transaction in which a person transgresses a civic Duty, to the fulfillment of which he is pledged by the terms of a social contract.
- uncivil convention:** a form of association where no pretense of having mutual relationship serve the social-natural purpose of a civil convention is made.
- unjust:** anything that breaches or contradicts the condition of a social contract.
- unselfish interest:** an interest-object for which the concept is not immediately conditioned by a concept of a Duty-to-Self. Unselfish interests are interest-objects for which the concept of the object is conditioned by an episylogism standing under a grounding concept of reciprocal Duty.
- unwealth:** lack of what is practically needed to attain a state of satisfaction.
- utility:** having the character of being usable as or for a wealth-asset.
- value-satisfaction:** (1) in the context of an Organized Being (a human being), the experience of a satisfaction resulting from an act of valuation in appetitive power; (2) in the context of a corporate person, what is measured by the degree of global non-equilibrium in the cyclic dynamics of social interactions within the corporate person. This is a measure of social-economic utility Progress that is available to be achieved.
- Verpflichtung:** commitment-to-obligation.
- versatility:** a measure of the degree to which an individual demonstrates an ability to modify his interpersonal behavior style to better conform to the habitual interpersonal styles of other people.
- Volks-society:** an Ideal of pure Reason subsisting as an *Unsache*-thing of life-reasoning in the progression from natural society to free society to ideal society.
- wealth-asset:** any good for which its use negates unwealth.
- wealth-asset, economic:** a wealth-asset the use of which further perfects a person's tangible power.
- wealth-asset, education:** a wealth-asset the use of which further perfects a person's intellectual power.
- wealth-asset, health:** a wealth-asset the use of which further perfects a person's physical power.
- wealth-asset, political:** a wealth-asset the use of which further perfects a person's persuasive power.
- wealth-in-general:** that which is not unwealth.
- Weaver's model:** a mathematical form of depiction of an Organized Being emphasizing the Critical semantics aspect of Self-determination.