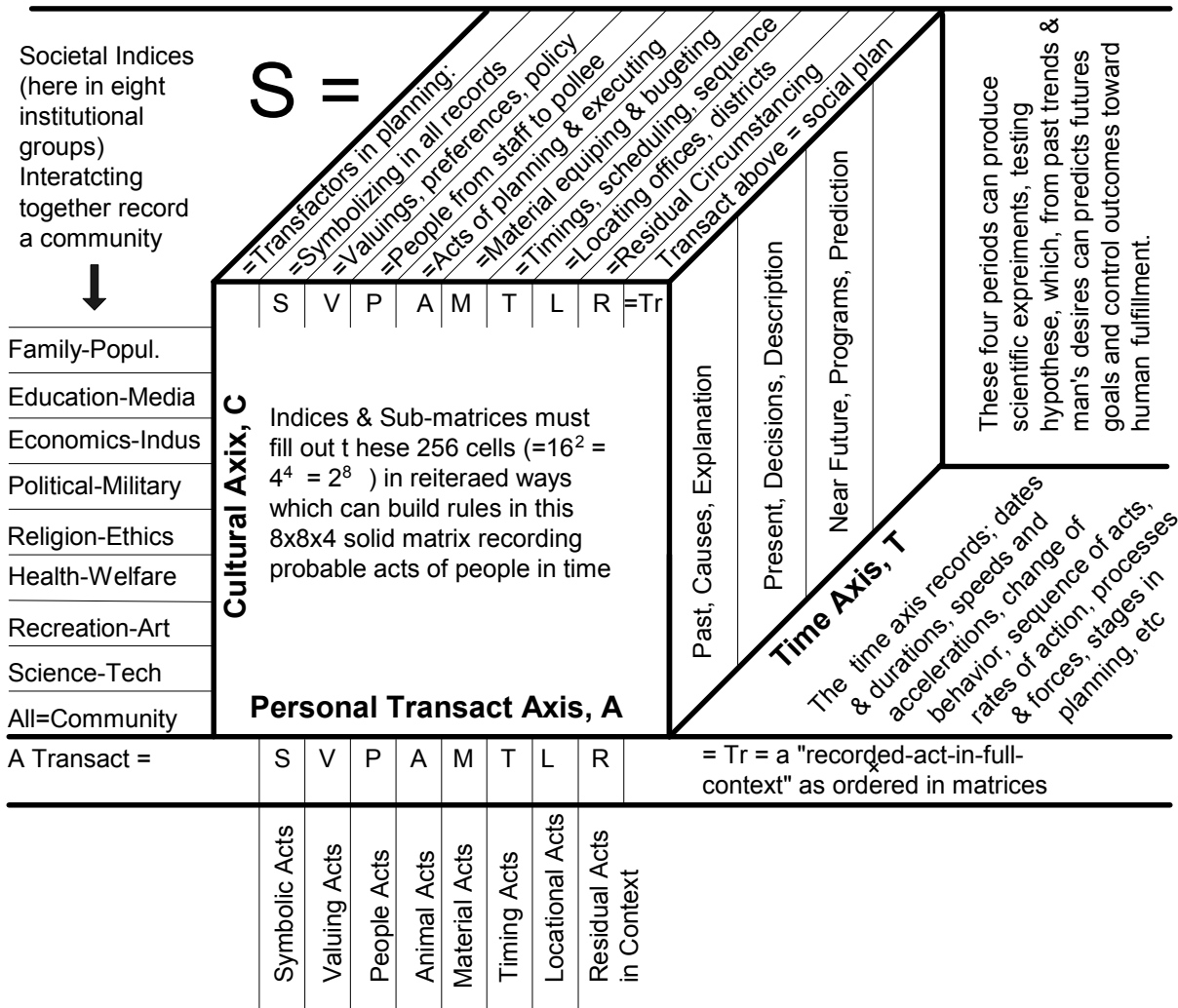# Dimensions of Societal Planning, S

A Conspectus of the "ACT/S" Matrix building macro-sociology
(a sub-matrix of the Epicosm Model, a/ct = 1 for the Cosmos)

This matrix of ACT/S (=1) in 3 axes can record the data for macro-Sociology to help predict and control the acts and value-systems of society, in dimensional form, as:

$$[A_8 \,;\, C_8 \,;\, T_4 \,;]^0 = S^0{}_{256} = \text{Society} = \text{all Activity, A within a Culture, C and Time T.}$$

Planners seek to analyze and resynthesize present society (in desired ways that help to build on its past, predict its future, and improve its self-direction) measurably better.

This transact data model, or methodological theory for systematizing sociological behavior hypothesizes that: Insofar as an earlier Transact Tr_1 matches a later Transact Tr_2, feature for feature, in just so far Tr_1 correlate with and predict Tr_2. If changes in their features are also matches, when all else is unchanged, then Tr_1 also controls Tr_2. This ACT/S model seems widely applicable, practical, testable in principle, and flexible for specific cases, thru subdividing into sub-matrices and condensing into super-matrixes as needed and inserting indices as desired in the cells.

Societal Indices (here in eight institutional groups) Interatcting together record a community

$S =$

=Transfactors in planning:
=Symbolizing in all records
=Valuings, preferences, policy
=People from staff to pollee
=Acts of planning & executing
=Material equiping & bugeting
=Timings, scheduling, sequence
=Locating offices, districts
=Residual Circumstancing
Transact above = social plan

	S	V	P	A	M	T	L	R	=Tr

Cultural Axix, C

Indices & Sub-matrices must fill out t hese 256 cells (=16^2 = 4^4 = 2^8) in reiteraed ways which can build rules in this 8x8x4 solid matrix recording probable acts of people in time

Past, Causes, Explanation
Present, Decisions, Description
Near Future, Programs, Prediction

These four periods can produce scientific experiments, testing hypothese, which, from past trends & man's desires can predicts futures goals and control outcomes toward human fulfillment.

Time Axis, T

The time axis records; dates & durations, speeds and accelerations, change of behavior, sequence of acts, rates of action, processes & forces, stages in planning, etc

Societal Indices	
Family-Popul.	
Education-Media	
Economics-Indus	
Political-Military	
Religion-Ethics	
Health-Welfare	
Recreation-Art	
Science-Tech	
All=Community	

Personal Transact Axis, A

A Transact =	S	V	P	A	M	T	L	R	= Tr = a "recorded-act-in-full-context" as ordered in matrices

Symbolic Acts	Valuing Acts	People Acts	Animal Acts	Material Acts	Timing Acts	Locational Acts	Residual Acts in Context

---

In these 8 institutional , universal yet variant, people act, interact, m and role-act to get, or to keep most of what they want most of their lives.

People act as a person = P^0=1 in a 1-cell matrix: or Plurals = P^I, a 1-array matrix, of one sub-axis or Groups= P^{II} in a 2-axis matrix; or Organization= P^{III} in 3 axes.

Powers of "transfactors", or categories called "dimensions" of every transaction are:
1) Factors, not addends;
2) Necessary by the "vanishing intersect" test:
3) Sufficient (i.e. accounting for 100 per cent of the variance) by the "multiple r-near-1" tests: and
4) translatable into 8 levels of the organized cosmos.

Dimensional Powers=cumulative reiterings:
X^0 = a set, a list of elements: A Quality
X^I = a sum, a count of sets: A Quantity
X^{II}= a product, repeated sums: A Relation
X^{III}=a power, self-product: = A System
Transact-systems 3 "features" : Output
8-"Transfactors", modified by :Input
4="facets" or corner-scripts: Thruput
$_s^sX_s^s$, all connected by 4 "functors" or reiterant "Thruput" operators like (+/=)(;), i.e.

Listings =SETS Qualities S	X	Self-multiplying = POWERS S = Systems
Addings S =SUMS Quantities		S Multiplyings = PRODUCTS Relations