A Pattern Language
for Service Learning and Community Engagement

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The Challenge

Identify and Systematize
Experiential and Tacit Knowing How Service Learning Works

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Forms of Knowing in Organizations

Explicit Knowing

Implicit and Tacit Knowing
(not yet embodied)

Transcending Knowledge
(not yet existing)

26 September 2019

Where Good Ideas Come From
Stephen Johnson

- Innovations needs Collaboration
- Slow Hunches need to cling with other ‚Hunches'
- Create and offer Open Space for Cooperation and Co-Creation
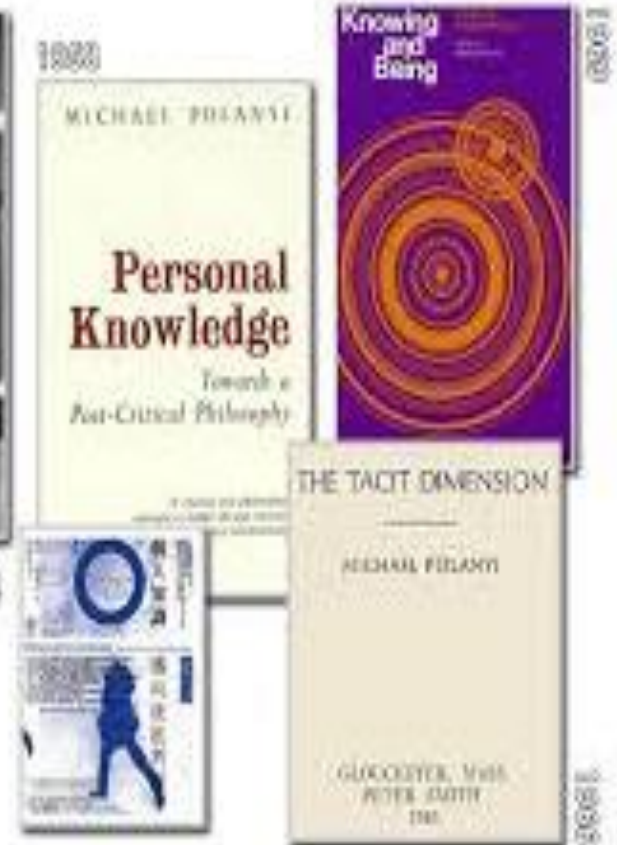- https://youtu.be/NugRZGDbPFU

Patterns: Theoretical Basis

If we teach today's students as we taught yesterday's, we rob them of tomorrow.
- John Dewey

Michael Polanyi
1891-1976

MICHAEL POLANYI

Personal Knowledge

Towards a Post-Critical Philosophy

Knowing and Being

THE TACIT DIMENSION

MICHAEL POLANYI

GLOUCESTER, MASS.
PETER SMITH
1983

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‚A Pattern Language'

- Patterns bei Christopher Alexander (253 Muster)
- Principles for typical and recurrent (valid) solutions to common problems (Architecture, Agile Programming, social Systems)
- Based on implicit/tacit Knowing (Viability)
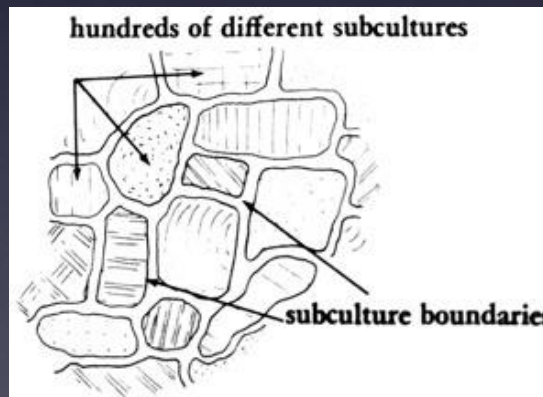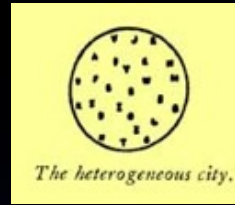- **QWAN** – Quality without a name

Musterkulturen und der 'Sound of Organising | www.micc-project.org
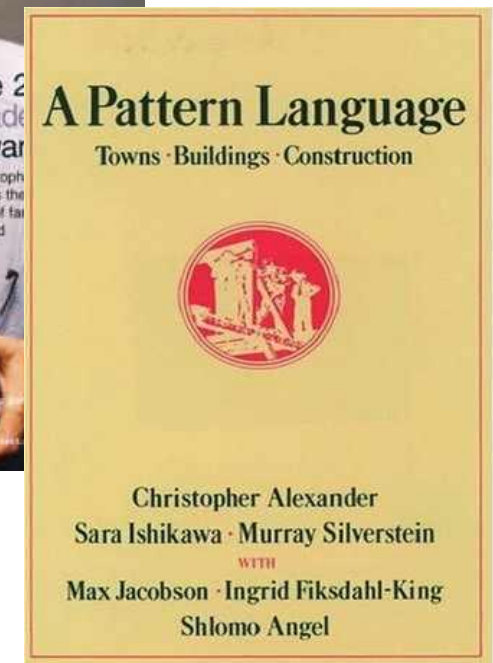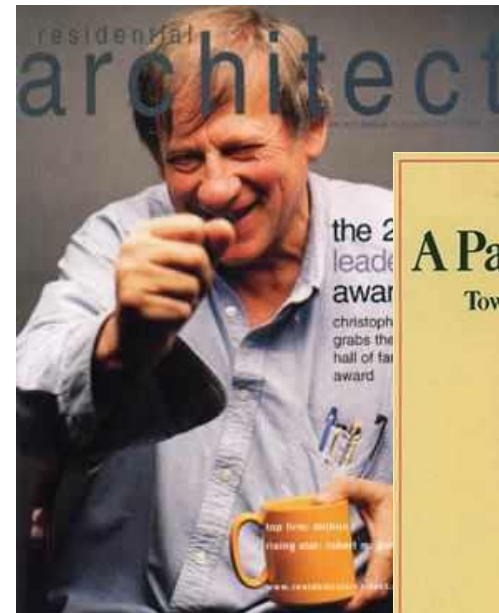
8. Mosaic of Subcultures

1. Problem Statement

The homogeneous and undifferentiated character of modern cities kills all variety of life styles and arrests the growth of individual character.

2. Discussion-Analysis

The heterogeneous city.

City of ghettos.

Mosaic of subcultures.

hundreds of different subcultures

subculture boundaries

3. Proposed Solution

Do everything possible to enrich the cultures and subcultures of the city, by breaking the city, as far as possible, into a vast mosaic of small and different subcultures, each with its own spatial territory, and each with the power to create its own distinct life style. Make sure that the subcultures are small enough, so that each person has access to the full variety of life styles in the subcultures near his own.

Prof. Dr. Hajo Neis - Portland/Berkeley   Meiji University Tokyo Japan   November - 2010

Jazz Patterns

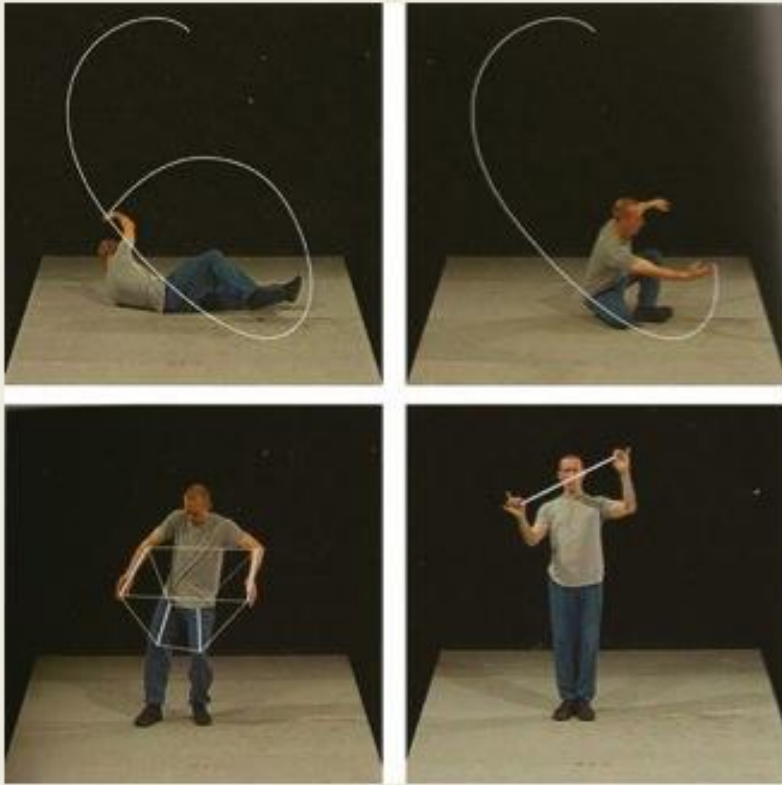Jazz Patterns are a good example how patterns are used in (improvisational) music, Dance, Theatre and Art

Improvisation Research

Improvisation = the art of re-designing disorder collectively
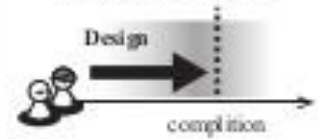
William Forsythe (Improvisation Technologies)

Christopher Dell and DRA (Patterns and Jazz)

Three Generations of Pattern Languages

	Object of Design	Act of Design	Purpose
Pattern Language 3.0	Forms of Human Action (Innovation, Education, Learning, Presentation, Collaboration)	Design Act is Embeded in Actions over Time — Design — a series of action	Connecting People who have Different Experiences
Pattern Language 2.0	Non-Physical Forms (Software, Interface, Organization)	Design Act is Iterated over Time — Design — Design — release release	Bridging the Gap between Expert and Non-Expert Designers
Pattern Language 1.0	Physical Forms (Architecture)	Design Act is Basically Carried out in a Period — Design — completion	Bridging the Gap between Designers and Users

- Iba, T., "Pattern Language 3.0 Methodological Advances in Sharing Design Knowledge," in *the International Conference on Collaborative Innovation Networks 2011 (COINs2011)*, 2011
- Iba, T., "Pattern Language 3.0: Writing Pattern Languages for Human Actions," Invited Talk, in *the 19th Conference on Pattern Languages of Programs (PLoP2012)*, 2012

Service Learning Pattern Card Deck

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Mining Interview & Workshop

Mining Interview

Mining Workshop

Five ‚Patongo'-Storms (computer-aided) with 240 participants

Patongo = **Pa**tterns and **To**ols for **NGO**s

This is a map of the bioregional pattern language.
Starting from the central pattern,
A Conservation Economy, and moving outward,
one progresses from the
broadest defining principles
of sustainability to details of
their implementation.
Click on this image to visit The Conservation Economy site.

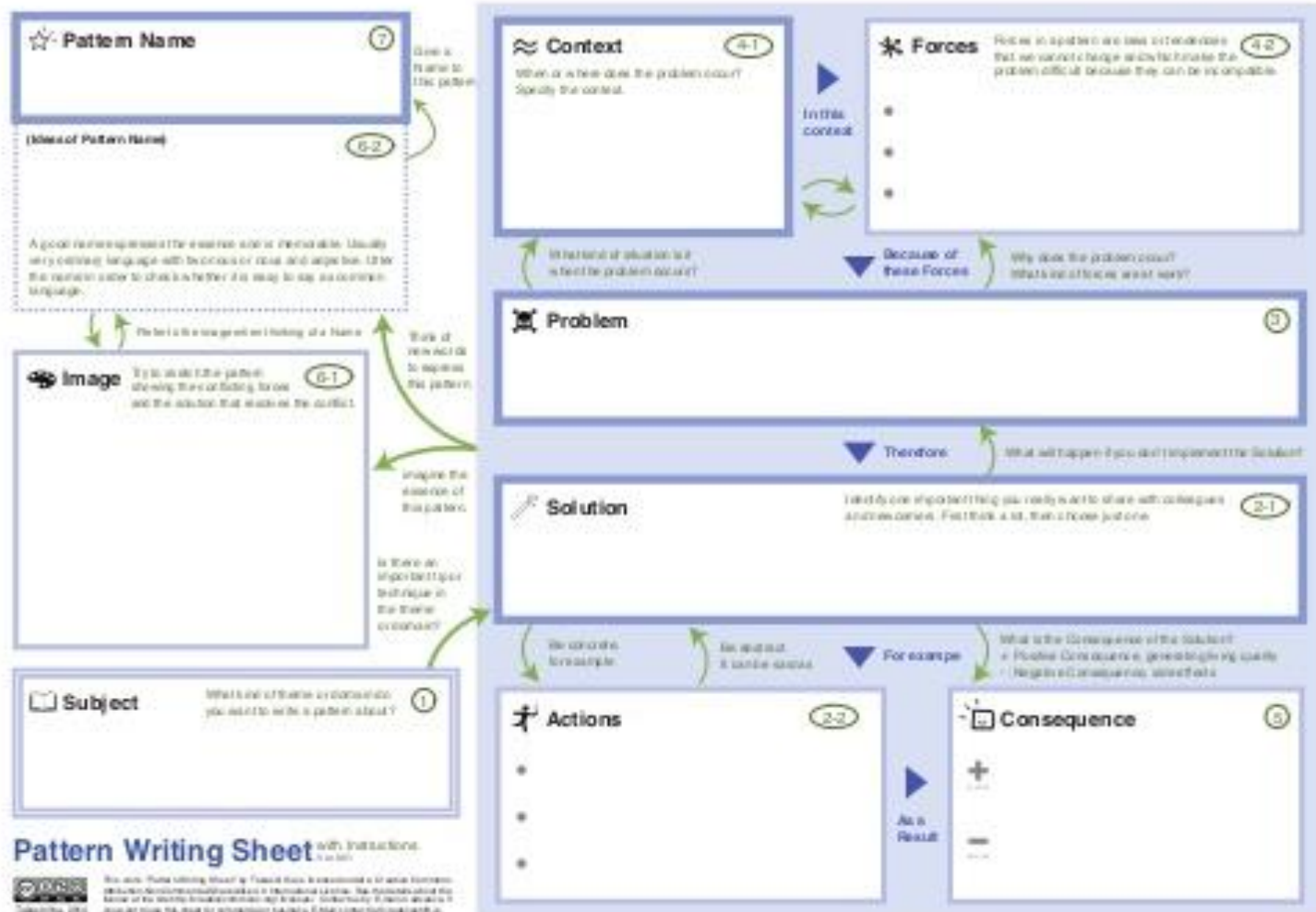**Example Map of Patterns**

Pattern Writing Sheet

for helping new writers to write their patterns

Iba, T., "A Journey on the Way to Pattern Writing Designing the Pattern Writing Sheet,"
in *the 21st Conference on Pattern Languages of Programs*, 2014

Pattern Key-Card
How pattern cards are constructed

Moving Toward Alignment

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To act jointly, we journey from disparate places to a coherent, collective sense of what is real, what we desire, and what we will do to accomplish it. Group alignment emerges through conversations that generate shared stories, understandings, and decisions.

related: Commitment ~ Common Ground ~ Distilling ~ Divergence and Convergence Rhythm ~ Letting Go ~ Setting Intention ~ Trajectory

Pattern Title: An evocative name to express the concept.

Pattern Image: A visual depiction either literal or metaphorical.

Photo Credit: Who took (or owns the rights to) the picture.

Pattern "Heart": Up to 50 words of text expressing the core of that pattern, mainly the What and Why of it.

Category Icon: A symbol and colour designating which of nine categories this pattern has been primarily assigned to.

Related Patterns: Up to seven other patterns that are most closely related to or most useful to consult when considering how to enact this pattern. Part of the web that makes this whole thing a pattern language.

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How to use SL Pattern Cards

- Implement SL in HEI
- Planning a SL course
- Reflecting
- Innovating
- ...

based on validated patterns in a playful way

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