

Thinking Patterns for Human Actions with the Fundamental Behavioral Properties

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Christopher Alexander explored the hidden quality in a town or a building and defined the concepts of wholeness and centers in his book, *The Nature of Order* (Alexander 2002). He said that the whole becomes lively when centers intensify each other and proposed fifteen fundamental properties that describe how centers intensify each other, where the properties are geometrical. Based on this conception, we present twenty-four fundamental behavioral properties for Pattern Language 3.0, which are pattern languages for human actions.

In this focus group, we will overview these properties and think about which properties are related to the patterns brought by participants. Participants can bring their own patterns related to human action, or can use the patterns we will prepare for the activity (Learning Patterns, Presentation Patterns, Collaboration Patterns, Fearless Change patterns and so on).

Through the focus group, participants can understand how behavioral properties create the liveliness of human action, check which property is behind their patterns, and discuss about what's more to come with properties.