

Norm Evolution in Plastic Organizations

Part 1: Steps 1-2

1. Norms as organizational conventions governing coordinated action selection are useful mechanisms for facilitating organizational changes such as coordination and adaptation to outside changes, collectively called plasticity. Norms are often developed as an organizational coping mechanism. Explore an organizational scenario where norms govern interactions among agents and the organization provides rewards and punishments for adhering to norms.
2. Consider circumstances where there are competing norms for change to keep up with changing environmental conditions. Develop an evolutionary mechanism where certain norms dominate and replace others.

Part II: Step 3

3. Determine, quantify, and illustrate one or more relationships between norm fitness and organizational plasticity.

References

Bas Testerink, Mehdi Dastani and John-Jules Meyer, 2013. Norms in Distributed Organizations, in AAMAS COIN 2013.