

Four Floors for the Theory of Theory Change

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Abstract

The theory of theory change due to Alchourrn, Gärdenfors, and Makinson (“AGM”) has been widely known as being characterised by two packages of postulates. The basic package consists of six postulates and is very weak, the full package adds two further postulates and is very strong. Revisiting the three classic constructions of *partial meet contraction*, *safe contraction*, and *entrenchment-based construction*, and tracing the idea of limited discriminative powers in agents, I argue that four intermediate levels can be distinguished that play important roles within the AGM theory.