

Homotopy, naturality and homotopy naturality

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As homotopy theory and category theory influence one another in contemporary studies as diverse as concurrency theory and the development of higher categories, we study the basic notions of both homotopy theory and category theory in a common framework. The connections are surprising in the light of the early history of category theory and its early applications in algebraic topology, and illuminating when applied to modern problems in higher dimensional category theory.