

Kurt Gödel and the Foundations of Set Theory

Kurt Gödel has made important contributions to set theory, as well by his seminal technical results, as by his inspiring philosophical and methodological considerations. In particular he has been the father of a lively research program whose goal is to identify new, rationally justifiable axioms for set theory, thereby transcending ZFC. It nourishes the hope to answer long-standing questions in set theory and general mathematics, notably those known to be independent from ZFC, like Cantor's Continuum Hypothesis.