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   Sommario/riassunto   Providing an overview of the state of the art on rationality questions in
                         algebraic geometry, this volume gives an update on the most recent
                         developments. It offers a comprehensive introduction to this
                         fascinating topic, and will certainly become an essential reference for
                         anybody working in the field. Rationality problems are of fundamental
                         importance both in algebra and algebraic geometry. Historically,
                         rationality problems motivated significant developments in the theory
                         of abelian integrals, Riemann surfaces and the Abel-Jacobi map, among
                         other areas, and they have strong links with modern notions such as
                         moduli spaces, Hodge theory, algebraic cycles and derived categories.
                         This text is aimed at researchers and graduate students in algebraic
                         geometry.