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Nota di contenuto	Intro -- Organization -- Preface -- Contents -- Optimal Control and Optimization -- Constructive Controllability for Incompressible Vector Fields -- 1 Introduction -- 2 Notation and Preliminaries -- 3 Global Controllability -- 4 Case of a Compact Manifold -- References -- Note On Optimal Control Problem Applied to Irrigation with Sectioned Soil -- 1 Introduction -- 2 Formulation -- 3 Problem Analysis -- 3.1 Hydrological Needs of the Crop -- 3.2 Existence of Solution -- 3.3 Maximum Principle in the Normal Form -- 3.4 Solution Profile -- 4 Numerical Results -- 4.1 Function gg Values -- 4.2 Validation -- 5 Conclusion -- References -- On Non-linear Optimization with a Perturbed Objective Function -- 1 Introduction -- 2 Preliminaries -- 2.1 Neutrices and External Numbers -- 2.2 Some Topological Notions -- 2.3 Flexible Functions -- 3 Optimization Problems with a Flexible Objective Function -- 4 Limits of Flexible Functions -- 5 Neutrix-Derivatives -- 6 Nearly Optimal Points and Neutrix Derivatives -- 7 Neutrix-Partial Derivatives -- 8 An Implicit

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