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Nota di contenuto	""Contents""; ""Introduction""; ""Basic Conventions""; ""Part 1. Conformal Immersions via Quaternions""; ""Chapter 1. Quaternionic Calculus and Immersions""; ""1.1. Functions and Forms""; ""1.2. Conformal and anti-conformal forms""; ""1.3. Basic Geometric Formulae""; ""1.4. Integrability: Codazzi's Equations""; ""1.5. C1-minimal and Shape Class Immersions""; ""1.6. Tensors and Tangential-Valued Forms""; ""1.7. Regular Homotopy and Spin Transforms""; ""1.8. Extrinsic versus Intrinsic Geometry""; ""Chapter 2. Applications""; ""2.1. Isothermic Immersions""; ""2.2. Christoffel's Problem"" ""2.3. Bonnet's Problem""""2.4. The Local Weierstrass Representation""; ""Part 2. Surfaces and Dirac Spinors""; ""Chapter 3. Spinor Algebra""; ""3.1. Spinor Bundles: First Steps""; ""3.2. Spinor Bundles: Structures""; ""3.3. From Spinors to Complex Structures""; ""3.4. Spinors, Immersions, Regular Homotopy""; ""3.5. Densities, norms, and the Clifford product""; ""3.6. Interpretation of Spinors""; ""Chapter 4. Dirac Spinors and Conformal Immersions""; ""4.1. The Conformal Dirac Operator""; ""4.2. Connection with the Classical Theory""; ""4.3. Conformal Immersions and Spinors""

"4.4. Prescribing the Gauss Map of a Minimal Surface""4.5. Bonnet Immersions"; "Bibliography"; "Glossary of Symbols"; "Index"
