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	fastener points; 2.3.4.5 The influence of temperature; 2.4 Fastener anchorage in alloyed steels, cast iron and non-ferrous metals; 2.5 Influence on the base material structural steel; 2.5.1 Influence on net section efficiency; 2.5.2 Influence on fatigue strength; 2.6 Corrosion; 3 Fastening screw technology; 3.1.1 Methods and terminology; 3.1.2 Fastening screws: features and characteristics; 3.1.2.1 Self-tapping screws; 3.1.2.2 Self-drilling screws 3.1.2.3 Sandwich panel screws 3.1.2.4 Screws for fastening roofing membranes; 3.1.2.5 Screw head shapes and drive types; 3.1.2.6 Sealing washers; 3.1.2.7 Materials and their mechanical characteristics; 3.1.2.8 Corrosion protection; 3.1.2.9 The manufacturing process; 3.1.3 Interdependency: Screws - screwdrivers; 3.2 Definitions used in describing screw fastening; 3.2.1 Area of application and application limits; 3.3 Anchorage; 3.3.1 Anchorage mechanisms; 3.3.2 The parameters influencing the anchorage; 3.3.2.1 Thickness of the base material; 3.3.2.2 The strength of the base material 5.2.3.2 Fastening to concrete

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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Isogeometric Method for the Elliptic Monge-Ampère Equation -- Dual Compatible Splines on non Tensor Product Meshes -- Multivariate Anisotropic Interpolation on the Torus -- A Generalized Class of Hard Thresholding Algorithms for Sparse Signal Recovery -- On a New

Proximity Condition for Manifold-Valued Subdivision Schemes -- Wachspress and Mean Value Coordinates -- Hermite and Bernstein Style Basis Functions for Cubic Serendipity Spaces on Squares and Cubes -- Suitability of Parametric Shepard Interpolation for Nonrigid Image Registration -- Parabolic Molecules: Curvelets, Shearlets and Beyond -- Microlocal Analysis of Singularities from Directional Multiscale Representations -- Barycentric Interpolation -- Numerical Determination of Extremal Points and Asymptotic Order of Discrete Minimal Riesz Energy for Regular Compact Sets -- Eigenvalue Sequences of Positive Integral Operators and Moduli of Smoothness -- Reconstructing Multivariate Trigonometric Polynomials from Samples Along Rank-1 Lattices -- On Non-degenerate Rational Approximation -- Multivariate C1-continuous Splines on the Alfeld Split of a Simplex -- On Convergence of Singular Integral Operators with Radial Kernels -- Lower Bound on the Dimension of Trivariate Splines on Cells -- One Characterization of Lagrange Projectors -- Minimal versus Orthogonal Projections onto Hyperplanes in n1 and n -- On Hermite Interpolation by Splines with Continuous Third Derivatives -- Best Polynomial Approximation on the Unit Sphere and the Unit Ball -- Support Vector Machines in Reproducing Kernel Hilbert Spaces versus Banach Spaces.

Sommario/riassunto

This volume developed from papers presented at the international conference Approximation Theory XIV, held April 7–10, 2013 in San Antonio, Texas. The proceedings contains surveys by invited speakers, covering topics such as splines on non-tensor-product meshes, Wachspress and mean value coordinates, curvelets and shearlets, barycentric interpolation, and polynomial approximation on spheres and balls. Other contributed papers address a variety of current topics in approximation theory, including eigenvalue sequences of positive integral operators, image registration, and support vector machines. This book will be of interest to mathematicians, engineers, and computer scientists working in approximation theory, computer-aided geometric design, numerical analysis, and related approximation areas.