

1. Record Nr.	UNISA996390497403316
Autore	Carew George, Esq.
Titolo	Fraud and oppression detected and arraigned. Or An appeal to the Parliament of England in a short narrative and deduction of severall actions at law [[electronic resource]] : depending in the ordinary courts of justice in Holland & Zealand, between diverse subjects of the King of England, and the subjects of the States Generall of the Seven United Provinces. With severall remarkable observations and animadversions thereupon, by the creditors of Sr. William Courten, Sr. Paul Pyndar, Sr. Edward Littleton and Willam [sic] Courten Esquire deceased. Faithfully recollected and digested into a method by G.C. a lover of his countrey. Whereunto are added some necessary advertisements concerning the improvement of navigation and trade
Pubbl/distr/stampa	[London, : s.n.], Printed anno Domini 1676
Descrizione fisica	[8], 40, [2], 41-62, [2], 63-64, [2], 65-66, 4 p
Soggetti	Netherlands History 1648-1714 Early works to 1800
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	G.C. = George Carew. Place of publication from Wing. "Severall remarkable observations upon divers select articles in treaties of common alliance and commerce" and "Severall necessary advertisements concerning the improvement of navigation and trade" have separate title pages; both have imprint year 1676. At least the first of these is an insert, as is the leaf after page '40'. Reproduction of the original in the Bodleian Library.
Sommario/riassunto	eebo-0014

2. Record Nr.	UNINA9910784594503321
Titolo	Handbook of computer aided geometric design [[electronic resource] / / edited by Gerald Farin, Josef Hoschek, Myung-Soo Kim
Pubbl/distr/stampa	Amsterdam ; ; Boston, Mass., : Elsevier, 2002
ISBN	1-281-03630-7 9786611036300 0-08-053340-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (849 p.)
Altri autori (Persone)	FarinGerald E HoschekJosef KimMyung-Soo
Disciplina	006.6
Soggetti	Computer graphics Computer-aided design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Handbook of Computer Aided Geometric Design; Copyright Page; Preface; Contents; Contributors; Chapter 1. A History of Curves and Surfaces in CAGD; 1.1. INTRODUCTION; 1.2. EARLY DEVELOPMENTS; 1.3. DE CASTELJAU AND BEZIER; 1.4. PARAMETRIC CURVES; 1.5. RECTANGULAR SURFACES; 1.6. B-SPLINE CURVES AND NURBS; 1.7. TRIANGULAR PATCHES; 1.8. SUBDIVISION SURFACES; 1.9. SCIENTIFIC APPLICATIONS; 1.10. SHAPE; 1.11. INFLUENCES AND APPLICATIONS; Chapter 2. Geometric Fundamentals; 2.1. AFFINE FUNDAMENTALS; 2.2. CONIC SECTIONS AND QUADRICS; 2.3. THE EUCLIDEAN SPACE; 2.4. PROJECTIVE FUNDAMENTALS 2.5. DUALITY2.6. OSCULATING CURVES AND SURFACES; 2.7. DIFFERENTIAL FUNDAMENTALS; Chapter 3. Geometries for CAGD; 3.1. CURVES AND SURFACES IN PROJECTIVE GEOMETRY; 3.2. SPHERE GEOMETRIES; 3.3. LINE GEOMETRY; 3.4. APPROXIMATION IN SPACES OF GEOMETRIC OBJECTS; 3.5. NON-EUCLIDEAN GEOMETRIES; Chapter 4. Bezier Techniques; 4.1. WHY BEZIER TECHNIQUES?; 4.2. BEZIER CURVES; 4.3. RECTANGULAR BEZIER PATCHES; 4.4. TRIANGULAR BEZIER PATCHES; Chapter 5. Rational Techniques; 5.1. INTRODUCTION; 5.2.

RATIONAL BEZIER CURVES; 5.3. RATIONAL B-SPLINE CURVES; 5.4. GEOMETRIC CONTINUITY FOR RATIONAL CURVES
5.5. RATIONAL CURVE APPROXIMATION AND INTERPOLATION 5.6. RATIONAL BEZIER SURFACES; 5.7. RATIONAL B-SPLINE SURFACES; 5.8. GEOMETRIC CONTINUITY FOR RATIONAL PATCHES; 5.9. INTERPOLATION AND APPROXIMATION ALGORITHMS; 5.10. RATIONAL SURFACE CONSTRUCTIONS; 5.11. CONCLUDING REMARKS; Chapter 6. Spline Basics; 6.1. PIECEWISE POLYNOMIALS; 6.2. B-SPLINES DEFINED; 6.3. SUPPORT AND POSITIVITY; 6.4. SPLINE SPACES DEFINED; 6.5. SPECIFIC KNOT SEQUENCES; 6.6. THE POLYNOMIALS IN THE SPLINE SPACE: MARSDEN'S IDENTITY; 6.7. THE PIECEWISE POLYNOMIALS IN THE SPLINE SPACE; 6.8. DUAL FUNCTIONALS AND BLOSSOMS
6.9. GOOD CONDITION 6.10. CONVEX HULL; 6.11. DIFFERENTIATION AND INTEGRATION; 6.12. EVALUATION; 6.13. SPLINE FUNCTIONS VS SPLINE CURVES; 6.14. KNOT INSERTION; 6.15. VARIATION DIMINUTION AND SHAPE PRESERVATION: SCHOENBERG'S OPERATOR; 6.16. ZEROS OF A SPLINE, COUNTING MULTIPLICITY; 6.17. SPLINE INTERPOLATION: SCHOENBERG-WHITNEY; 6.18. SMOOTHING SPLINE; 6.19. LEAST-SQUARES SPLINE APPROXIMATION; 6.20. BACKGROUND; Chapter 7. Curve and Surface Constructions; 7.1. INTRODUCTION; 7.2. POLYNOMIAL CURVE METHODS; 7.3. C2 CUBIC SPLINE INTERPOLATION; 7.4. POLYNOMIAL SURFACE METHODS
7.5. C2 BICUBIC SPLINE INTERPOLATION 7.6. VOLUME DEFORMATIONS; Chapter 8. Geometric Continuity; 8.1. MOTIVATING EXAMPLES; 8.2. GEOMETRIC CONTINUITY OF PARAMETRIC CURVES/SURFACES; 8.3. EQUIVALENT AND ALTERNATIVE DEFINITIONS; 8.4. CONSTRUCTIONS; 8.5. ADDITIONAL LITERATURE; Chapter 9. Splines on Surfaces; 9.1. INTRODUCTION; 9.2. SCALAR SPLINES ON SMOOTH SURFACES; 9.3. ALTERNATIVE METHODS FOR FUNCTIONS ON SURFACES; Chapter 10. Box Splines; 10.1. BOX SPLINES; 10.2. BOX SPLINE SURFACES; 10.3. HALF-BOX SPLINES; 10.4. HALF-BOX SPLINE SURFACES; Chapter 11. Finite Element Approximation with Splines
11.1. INTRODUCTION

Sommario/riassunto

This book provides a comprehensive coverage of the fields Geometric Modeling, Computer-Aided Design, and Scientific Visualization, or Computer-Aided Geometric Design. Leading international experts have contributed, thus creating a one-of-a-kind collection of authoritative articles. There are chapters outlining basic theory in tutorial style, as well as application-oriented articles. Aspects which are covered include: Historical outline Curve and surface methods Scientific Visualization Implicit methods Reverse engineering. This book is meant to be a reference to
