

1. Record Nr.	UNINA9910855393203321
Autore	Garcia-Diaz Alberto
Titolo	Facilities Planning and Design // by Alberto Garcia-Diaz, J. MacGregor Smith(Deceased)
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031542596
Edizione	[2nd ed. 2024.]
Descrizione fisica	1 online resource (560 pages)
Altri autori (Persone)	Smith (Deceased)J. MacGregor
Disciplina	670.42
Soggetti	Industrial engineering Production engineering Dynamics Nonlinear theories System theory Control theory Facility management Industrial and Production Engineering Applied Dynamical Systems Systems Theory, Control Facility Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. FUNDAMENTAL PRINCIPLES OF FACILITIES PLANNING AND DESIGN -- Chapter 2. FACTORY LAYOUT AND MATERIAL HANDLING PROJECT -- Chapter 3. PRODUCT DESIGN AND PROCESS PLANNING -- Chapter 4. LAYOUT PLANNING PROCEDURES -- Chapter 5. FACILITY LOCATION MODELS -- Chapter 6. Computerized Layout Procedures -- Chapter 7. Material Handling Principles, Equipment, and System Design -- Chapter 8. Material Handling Systems Analysis -- Chapter 9. Storage and Warehouse Systems -- Chapter 10. SITE-PLANNING DESIGN -- Chapter 11. OFFICE LAYOUT AND PERSONNEL PLANNING -- Chapter 12. FINAL SYNTHESIS.
Sommario/riassunto	This updated, expanded, second edition includes new software methodologies and algorithms providing students with a more

comprehensive knowledge base in addition to facilitating and making the project component of the textbook more efficient and effective. It further increases emphasis on manufacturing. Retaining its class-tested pedagogy, the book is concerned with the principles of facilities planning and their application to service, business, and product manufacturing operations. Equipping undergraduate students with the fundamentals of facilities planning, design, location and material handling, especially as they apply to industrial manufacturing facilities, the book is ideal for a range of university settings offering courses on facilities planning. Features a factory design project allowing students to connect the organization, concepts, and procedures in the book; Bolsters section on facilities layout programs and adds a new section describing a conceptual approach to site planning; Includes online chapter summaries, software supplements, sample project reports, and lecture slides for instructors.

2. Record Nr.	UNINA9910254085803321
Autore	Russo Francesco
Titolo	On the geometry of some special projective varieties // by Francesco Russo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-26765-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (257 p.)
Collana	Lecture Notes of the Unione Matematica Italiana, , 1862-9113 ; ; 18
Disciplina	510
Soggetti	Geometry, Algebraic Commutative algebra Commutative rings Geometry Algebraic Geometry Commutative Rings and Algebras
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

Preface.-Introduction -- 1.Tangent cones, tangent spaces, tangent stars; secant, tangent and tangent star varieties to an algebraic variety -- 2.Basics of Deformation Theory of Rational Curves on Projective Varieties -- 3.Fulton-Hansen Connectedness Theorem, Scorza Lemma and their applications to projective geometry -- 4.Local quadratic entry locus manifolds and conic connected manifolds -- 5.Hartshorne Conjectures and Severi varieties -- 6.Varieties n -covered by curves of a fixed degree and the XJC -- 7. Hypersurfaces with vanishing hessian.- Bibliography.

Sommario/riassunto

Providing an introduction to both classical and modern techniques in projective algebraic geometry, this monograph treats the geometrical properties of varieties embedded in projective spaces, their secant and tangent lines, the behavior of tangent linear spaces, the algebro-geometric and topological obstructions to their embedding into smaller projective spaces, and the classification of extremal cases. It also provides a solution of Hartshorne's Conjecture on Complete Intersections for the class of quadratic manifolds and new short proofs of previously known results, using the modern tools of Mori Theory and of rationally connected manifolds. The new approach to some of the problems considered can be resumed in the principle that, instead of studying a special embedded manifold uniruled by lines, one passes to analyze the original geometrical property on the manifold of lines passing through a general point and contained in the manifold. Once this embedded manifold, usually of lower codimension, is classified, one tries to reconstruct the original manifold, following a principle appearing also in other areas of geometry such as projective differential geometry or complex geometry.