1. Record Nr. UNINA9910777426003321

Titolo	Education of architects and engineers for careers in facility design and construction / / Board on Infrastructure and the Constructed Environment, Committee on Education of Facilities Design and Construction Professionals
Pubbl/distr/stampa	Washington, D.C. : , : National Academy Press, , 1995
Descrizione fisica	1 online resource (viii, 78 pages)
Altri autori (Persone)	ReinschmidtKenneth F
Disciplina	720.7
Soggetti	Architecture - Study and teaching Engineering - Study and teaching
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Committee chair: Kenneth F. Reinschmidt. Funding for the project was provided through the following agreements between the indicated federal agency and the National Academy of Sciences: Department of State Contract No. 1030-270106; National Science Foundation Grant No. MSS-9203138, under master agreement 8618641; and U.S. Postal Service grant unnumbered. "This project was carried out under the technical program of the Federal Construction Council (FCC). The FCC is a continuing activity of the Building Research Board (BRB) which is a unit of the NRC Commission on Engineering and Technical Systems."--Verso. t.p.
Nota di contenuto	""Education of Architects and Engineers for Careers in Facility Design and Construction""; ""Copyright""; ""Contents""; ""Executive Summary""; ""1 Introduction""; ""ORIGIN AND PURPOSE OF STUDY""; ""STUDY PROCEDURES""; ""SCOPE AND FOCUS OF THE REPORT""; ""ORGANIZATION OF THE REPORT""; ""2 Background Information""; ""CHARACTERISTICS OF THE U.S. DESIGN AND CONSTRUCTION INDUSTRY""; ""ROLE OF ARCHITECTS AND ENGINEERS IN THE DESIGN AND CONSTRUCTION PROCESS""; ""THE EDUCATIONAL SYSTEM FOR ARCHITECTS""; ""THE EDUCATIONAL SYSTEM FOR ENGINEERS"" ""3 Capabilities of Graduates of Architectural and Engineering Schools"" ""QUALITY OF GRADUATES' SKILLS""; ""Design""; ""Technology""; ""Teamwork""; ""Business Skills""; ""Communication""; ""Liberal Arts"";

		""QUALITY OF EDUCATION""; ""Programs""; ""Teaching""; ""Research""; ""Methodology""; ""4 Conclusions, General Discussion, and Recommendations""; ""LEVEL OF SPECIFIC SKILLS""; ""Design""; ""Technology""; ""Teamwork""; ""Business Skills""; ""Communications""; ""Liberal Arts""; ""QUALITY OF EDUCATION""; ""Practice Versus Theory""; ""Research""; ""Curriculum""; ""RECOMMENDATIONS"" ""References"" ""APPENDIX A Committee Statement of Task""; ""APPENDIX B The Educational System for Construction Managers""; ""APPENDIX C Biographical Sketches of Members of the Committee on Education of Facilities Design and Construction Professionals""
2.	Record Nr.	UNINA9910437797103321
	Autore	Gupta Nikhil
	Titolo	Reinforced polymer matrix syntactic foams : effect of nano and micro-scale reinforcement / / Nikhil Gupta, Dinesh Pinisetty, Vasanth Chakravarthy Shunmugasamy
	Pubbl/distr/stampa	Cham [Switzerland] : , : Springer, , 2013
	ISBN	3-319-01243-6
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (x, 80 pages) : illustrations (some color)
	Collana	SpringerBriefs in Materials, , 2192-1091
	Disciplina	620.11
	Soggetti	Foamed materials Nanostructured materials
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"ISSN: 2192-1091."
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Introduction -- Fillers and Reinforcements -- Processing and MicroStructure of Syntactic Foams -- Tensile Properties -- Modeling and Simulation -- Compressive Properties -- Flexural Properties -- Fracture Toughness -- Dynamic Mechanical Properties -- Summary and Future Challenges.
	Sommario/riassunto	Reinforced Syntactic Foams: Effect of Nano and Micro-Scale Reinforcement examines the fabrication processes, mechanism of reinforcement, and structure-property correlations of reinforced syntactic foams. The authors present the state of the art in this field, compare the properties of various types of syntactic foam systems comprising different matrix, hollow particle, and reinforcement

materials. The book further identifies theories useful in predicting the properties of reinforced syntactic foams and conducting parametric studies to understand the possibility for tailoring their properties.