1. Record Nr. UNINA9910706274103321

Autore	Brown Lewis R.
Titolo	Fate and effect of oil in the aquatic environment, Gulf Coast region / / by Lewis R. Brown
Pubbl/distr/stampa	Narragansett, Rhode Island : , : Environmental Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, , 1980
Descrizione fisica	1 online resource (xi, 102 pages) : illustrations
Collana	Ecological research series ; ; EPA-600/3-80-058a
Soggetti	Oil pollution of the sea
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"July 1980." "Project Officer: C. Stanford Hegre."
Nota di bibliografia	Includes bibliographical references (pages 99-101).

2.

Record Nr.	UNINA9910784567603321
Autore	Nelson Peter R
Titolo	Introductory statistics for engineering experimentation [[electronic resource] /] / Peter R. Nelson, Marie Coffin, Karen A.F. Copeland
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier/Academic Press, c2003
ISBN	1-281-00553-3 9786611005535 0-08-049165-0
Descrizione fisica	1 online resource (527 p.)
Altri autori (Persone)	NelsonPeter R CoffinMarie CopelandKaren A. F
Disciplina	620/.007/27
Soggetti	Engineering - Statistical methods Engineering - Experiments
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 (p. 508-510) and index.
Nota di contenuto	Front Cover; Introductory Statistics for Engineering Experimentation; Copyright Page; Contents; Preface; Chapter 1. Introduction; Variability; Experimental Design; Random Sampling; Randomization; Replication; Problems; Chapter 2. Summarizing Data; 2.1 Simple Graphical Techniques; 2.2 Numerical Summaries and Box Plots; 2.3 Graphical Tools for Designed Experiments; 2.4 Chapter Problems; Chapter 3. Models for Experiment Outcomes; 3.1 Models for Single-Factor Experiments; 3.2 Models for Two-Factor Factorial Experiments; 3.3 Models for Bivariate Data; 3.4 Models for Multivariate Data 3.5 Assessing the Fit of a Model 3.6 Chapter Problems; Chapter 4. Models for the Random Error; 4.1 Random Variables; 4.2 Important Discrete Distributions; 4.3 Important Continuous Distributions; 4.4 Assessing the Fit of a Distribution; 4.5 Chapter Problems; Chapter 5. Inference for a Single Population; 5.1 Central Limit Theorem; 5.2 A Confidence Interval for ; 5.3 Prediction and Tolerance Intervals; 5.4 Hypothesis Tests; 5.5 Inference for Binomial Populations; 5.6 Chapter Problems; Chapter 6. Comparing Two Populations; 6.1 Paired Samples; 6.2 Independent Samples

6.3 Comparing Two Binomial Populations 6.4 Chapter Problems; Chapter 7. One-Factor Multi-Sample Experiments; 7.1 Basic Inference; 7.2 The Analysis of Means; 7.3 ANOM with Unequal Sample Sizes; 7.4 ANOM for Proportions; 7.5 The Analysis of Variance; 7.6 The Equal Variances Assumption; 7.7 Sample Sizes; 7.8 Chapter Problems; Chapter 8. Experiments with Two Factors; 8.1 Interaction; 8.2 More Than One Observation Per Cell; 8.3 Only One Observation per Cell; 8.4 Blocking to Reduce Variability; 8.5 Chapter Problems; Chapter 9. Multi-Factor Experiments; 9.1 ANOVA for Multi-Factor Experiments
9.2 2k Factorial Designs 9.3 Fractional Factorial Designs; 9.4 Chapter Problems; Chapter 10. Inference for Regression Models; 10.1 Inference for a Regression Line; 10.2 Inference for Other Regression Models; 10.3 Chapter Problems; Chapter 11. Response Surface Methods; 11.1 First-Order Designs; 11.2 Second-Order Designs; 11.3 Chapter Problems; Chapter 12. Appendices; 12.1 Appendix A - Descriptions of Data Sets; 12.2 Appendix B - Tables; 12.3 Appendix C - Figures; 12.4 Appendix D - Sample Projects; Chapter 13. References; Index

Sommario/riassunto

The Accreditation Board for Engineering and Technology (ABET) introduced a criterion starting with their 1992-1993 site visits that ""Students must demonstrate a knowledge of the application of statistics to engineering problems."" Since most engineering curricula are filled with requirements in their own discipline, they generally do not have time for a traditional two semesters of probability and statistics. Attempts to condense that material into a single semester often results in so much time being spent on probability that the statistics useful for designing and analyzing engineer

3. Record Nr. UNINA9910158608103321

Autore	Buchan Niki
Titolo	A practical guide to nature-based practice
Pubbl/distr/stampa	Featherstone Education
ISBN	1-4729-3838-0
Descrizione fisica	1 online resource (128 p.)
Disciplina	371.384
Soggetti	Outdoor education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	WINNER OF THE 2018 NURSERY WORLD STAFF RESOURCES AWARD There is a growing realisation that children in the Early Years benefit from being involved in wild spaces. They need dynamic and complex outdoor environments and opportunities for risk and challenge, to play with abandon, have first-hand experiences - places where there is adventure, delight, daring and joy! In this exciting book, outdoor education guru Niki Buchan offers ideas for natural learning in the Early Years. She provides a background to forest school and its relevance to Early Years settings, outlines the challenges and benefits of free play and a risk-taking disposition in children, and uses case studies from educators to explore the concept of nature-based practice. A Practical Guide to Nature-Based Practice presents ideas for outdoor learning that can be used all year round, whatever the season. This full-colour book will help adults and children alike to reconnect with their local environment making it a must-have for any Early Years setting!