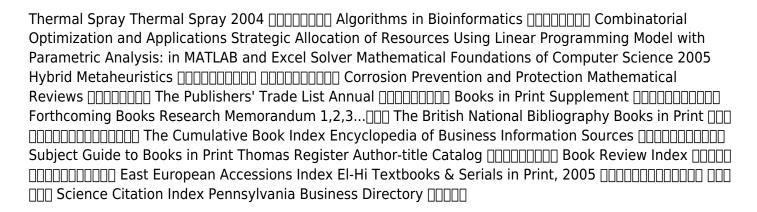
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Thermal Spray 1998-01-01

this proceedings volume representing the second international thermal spray conference may 2004 osaka japan contains 232 papers and 93 poster presentations arrangement is in sections on applications characterization methods for coating properties coating technologies for vehicle engines cold spray consumables for thermal spraying corrosion protection economics and quality hvof processes and materials innovative equipment and process technology modeling and simulation nanostructured materials photocatalytic materials process diagnostics protective coatings against wear and erosion and thermal barrier coatings no index is provided but the included cd rom presumably contains the contents in a searchable format annotation 2004 book news inc portland or booknews com

Thermal Spray 2004 2004-01-01

these proceedings contain papers from the 2009 workshop on algorithms in bioinformatics wabi held at the university of pennsylvania in philadelphia pennsylvania during september 12 13 2009 wabi 2009 was the ninth annual conference in this series which focuses on novel algorithms that address imp tantproblemsingenomics molecularbiology and evolution the conference phasizes research that describes computationally e cient algorithms and data structures that have been implemented and tested in simulations and on real data wabi is sponsored by the european association for theoretical c puter science eatcs and the international society for computational bi ogy iscb wabi 2009 was supported by the penn genome frontiers institute and the penn center for bioinformatics at the university of pennsylvania for the 2009 conference 90 full papers were submitted for review by the program committee and from this strong eld of submissions 34 papers were chosen for presentation at the conference and publication in the proceedings the nal program covered a wide range of topics including gene interaction n works molecular phylogeny rna and protein structure and genome evolution

Algorithms in Bioinformatics 2009-09-19

this book constitutes the refereed proceedings of the second international conference on combinatorial optimization and applications cocoa 2008 held in st john s canada in august 2008 the 44 revised full papers were carefully reviewed and selected from 84 submissions the papers feature original research in the areas of combinatorial optimization both theoretical issues and and applications motivated by real world problems thus showing convincingly the usefulness and efficiency of the algorithms discussed in a practical setting

Combinatorial Optimization and Applications 2008-08-20

since the late 1940s linear programming models have been used for many different purposes airline companies apply these models to optimize their use of planes and staff nasa has been using them for many years to optimize their use of limited resources oil companies use them to optimize their refinery operations small and medium sized businesses use linear programming to solve a huge variety of problems often involving resource allocation in my study a typical product mix problem in a manufacturing system producing two products each product consists of two sub assemblies is solved for its optimal solution through the use of the latest versions of matlab having the command simlp which is very much like lingrog as analysts we try to find a good enough solution for the decision maker to make a final decision our attempt is to give the mathematical description of the product mix optimization problem and bring the problem into a form ready to call matlab s simlp command the objective of this study is to find the best product mix that maximizes profit the graph obtained using matlab commands give the shaded area enclosed by the constraints called the feasible region which is the set of points satisfying all the constraints to find the optimal solution we look at the lines of equal profit to find the corner of the feasible region which yield the highest profit this corner can be found out at the farthest line of equal profit which still touches the feasible region the most critical part is the sensitivity analysis using excel solver and parametric analysis using computer software which allows us to study the effect on optimal solution due to discrete and continuous change in parameters of the lp model including to identify bottlenecks we have examined other options like product outsourcing one time cost cross training of one operator manufacturing of hypothetical third product on under utilized machines and optimal sequencing of jobs on machines

Strategic Allocation of Resources Using Linear Programming Model with Parametric Analysis: in MATLAB and Excel Solver 2014-05-27

this volume contains the papers presented at the 30th symposium on mathematical foundations of computer science mfcs 2005 held in gdansk poland from august 29th to september 2nd 2005

Mathematical Foundations of Computer Science 2005 2005-09-14

this book constitutes the refereed proceedings of the 9th international workshop on hybrid metaheuristics hm 2014 held in hamburg germany in june 2014 the 14 revised full papers presented were carefully reviewed and selected from 22 submissions the selected papers cover both theoretical and experimental results including new paradigmatic hybrid solvers and automatic design approaches as well as applications to logistics and public transport

Hybrid Metaheuristics 2014-06-04

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corrosion prevention and protection practical solutions presents a functional approach to the various forms of corrosion such as uniform corrosion pitting corrosion crevice corrosion galvanic corrosion stress corrosion hydrogen induced damage sulphide stress cracking erosion corrosion and corrosion fatigue in various industrial environments the book is split into two parts the first consisting of five chapters introduction and principles fundamentals of corrosion corrosion testing detection monitoring and failure analysis regulations specifications and safety materials metals alloys steels and plastics corrosion economics and corrosion management the second part of the book consists of two chapters which present a discussion of corrosion reactions media active and active passive corrosion behaviour and the various forms of corrosion a collection of case histories and practical solutions which span a wide range of industrial problems in a variety of frequently encountered environments including statues monuments corrosion problems in metallurgical and mineral processing plants boilers heat exchangers and cooling towers aluminum and copper alloys galvanized steel structures as well as hydrogeological environmental corrosion this text is relevant to researchers and practitioners engineers and chemists working in corrosion in industry government laboratories and academia it is also suitable as a course text for engineering students as well as libraries related to chemical and chemical engineering institutes and research departments

2018-07

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Mathematical Reviews 2001

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