

Mean Absolute Deviation

Find the mean absolute deviation of each data set. Round your answers to two decimal places.

1) 12, 19, 10, 18, 21

Data	Mean	Difference	Absolute Value
			Sum

Mean Absolute Deviation = _____

3) 50, 48, 36, 45, 33, 37

Data	Mean	Difference	Absolute Value
			Sum

Mean Absolute Deviation = _____

2) 7, 14, 11, 13, 4, 20

Data	Mean	Difference	Absolute Value
			Sum

Mean Absolute Deviation = _____

4) 8, 5, 2, 9

Data	Mean	Difference	Absolute Value
			Sum

Mean Absolute Deviation = _____

Mean Absolute Deviation Worksheet

Vincent Aleven, Judy Kay, Jack Mostow

Mean Absolute Deviation Worksheet:

Intelligent Tutoring Systems Vincent Aleven,Judy Kay,Jack Mostow,2010-05-29 The 10th International Conference on Intelligent Tutoring Systems ITS 2010 continued the bi annual series of top flight international conferences on the use of advanced educational technologies that are adaptive to users or groups of users These highly interdisciplinary conferences bring together researchers in the learning sciences computer science cognitive or educational psychology cognitive science artificial intelligence machine learning and linguistics The theme of the ITS 2010 conference was Bridges to Learning a theme that connects the scientific content of the conference and the geography of Pittsburgh the host city The conference addressed the use of advanced technologies as bridges for learners and facilitators of robust learning outcomes We received a total of 186 submissions from 26 countries on 5 continents Australia Brazil Canada China Estonia France Georgia Germany Greece India Italy Japan Korea Mexico The Netherlands New Zealand Pakistan Philippines Saudi Arabia Singapore Slovakia Spain Thailand Turkey the UK and USA We accepted 61 full papers 38% and 58 short papers The diversity of the field is reflected in the range of topics represented by the papers submitted selected by the authors

Six Sigma Quality

Improvement with Minitab G. Robin Henderson,2011-08-22 This book aims to enable readers to understand and implement via the widely used statistical software package Minitab Release 16 statistical methods fundamental to the Six Sigma approach to the continuous improvement of products processes and services The second edition includes the following new material Pareto charts and Cause and Effect diagrams Time weighted control charts cumulative sum CUSUM and exponentially weighted moving average EWMA Multivariate control charts Acceptance sampling by attributes and variables not provided in Release 14 Tests of association using the chi square distribution Logistic regression Taguchi experimental designs

Statistics with Maple John A. Rafter,Martha L. Abell,James P. Braselton,2003-01-03 Statistics with Maple is a practical guide for engineers statisticians business professionals and others who use the Maple software package and who wish to use it to produce numerical summaries make graphical displays and perform statistical inference The book and software package is unique in its focus on using Maple for statistical methodology This tutorial and reference manual assumes that readers have a basic knowledge of statistics and a familiarity with Maple When a statistical concept is introduced the appropriate Maple syntax is provided along with a straightforward worked out example Authors provide over 150 procedures on a CD ROM that is packaged with the book Users are invited to copy the code into Maple worksheets and modify it for their own use

Computer Programming and Statistics for Basic Research Oliver Eugene Dial,1968

Statistics For Business And Financial Economics (2nd Edition) Cheng Few Lee,John C Lee,Alice C Lee,1999-08-16 News Professor Cheng Few Lee ranks 1 based on his publications in the 26 core finance journals and 163 based on publications in the 7 leading finance journals Source Most Prolific Authors in the Finance Literature 1959 2008 by Jean L Heck and Philip L Cooley Saint Joseph s University and Trinity University This is an extensively revised edition of a popular

statistics textbook for business and economics students. The first edition has been adopted by universities and colleges worldwide including New York University, Carnegie Mellon University and UCLA. Designed for upper level undergraduates, MBA and other graduate students, this book closely integrates various statistical techniques with concepts from business, economics and finance and clearly demonstrates the power of statistical methods in the real world of business. While maintaining the essence of the first edition, the new edition places more emphasis on finance, economics and accounting concepts with updated sample data. Students will find this book very accessible with its straightforward language, ample cases, examples, illustrations and real life applications. The book is also useful for financial analysts and portfolio managers.

Instructors Solutions Manual Mark Hanna, 2001-05-17 *Advances in Manufacturing Technology* P.F.

McGoldrick, 2013-11-11 **Schaum's Outline of Business Statistics** Leonard Kazmier, 2003-09-24 Confusing Textbooks
Missed Lectures Not Enough Time Fortunately for you there's Schaum's Outlines. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you Practice problems with full explanations that reinforce knowledge. Coverage of the most up-to-date developments in your course field. In-depth review of practices and applications. Fully compatible with your classroom text. Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time and get your best test scores. Schaum's Outlines: Problem Solved.

[Managerial Decision Modeling](#) Nagraj (Raju) Balakrishnan, Barry Render, Ralph Stair, Charles Munson, 2017-08-07
This book fills a void for a balanced approach to spreadsheet-based decision modeling. In addition to using spreadsheets as a tool to quickly set up and solve decision models, the authors show how and why the methods work and combine the user's power to logically model and analyze diverse decision-making scenarios with software-based solutions. The book discusses the fundamental concepts, assumptions, and limitations behind each decision modeling technique, shows how each decision model works and illustrates the real-world usefulness of each technique with many applications from both profit and nonprofit organizations. The authors provide an introduction to managerial decision modeling, linear programming models, modeling applications and sensitivity analysis, transportation, assignment, and network models, integer, goal, and nonlinear programming models, project management, decision theory, queuing models, simulation modeling, forecasting models, and inventory control models. The additional material files Chapter 12 Excel files for each chapter, Excel modules for Windows, Excel modules for Mac 4th edition, errata can be found at <https://www.degruyter.com/view/product/486941>

Inventory Control in a Supermarket Chain Warehouse James Anthony O'Neill, 1964 **Schaum's Easy Outline of Business Statistics** L. Kazmier, 2003-02-21
Boiled down essentials of the top selling Schaum's Outline series for the student with limited time. What could be better than the bestselling Schaum's Outline series? For students looking for a quick nuts-and-bolts overview, it would

have to be Schaum's Easy Outline series Every book in this series is a pared down simplified and tightly focused version of its bigger predecessor With an emphasis on clarity and brevity each new title features a streamlined and updated format and the absolute essence of the subject presented in a concise and readily understandable form Graphic elements such as sidebars reader alert icons and boxed highlights feature selected points from the text illuminate keys to learning and give students quick pointers to the essentials

Schaum's Outline of Theory and Problems of Business Statistics Leonard

J. Kazmier,1996 A presentation in solved problems format of the core concepts of business statistics The book features a data analysis approach along with Total Quality Management emphasizing the use of statistics to study dynamic processes

A

Microsoft Excel Companion for Business Statistics David L. Eldredge,2005 Provides step by step instructions for using Excel to solve most of the problems found in introductory business statistics Screen captures show data input pull down menus dialog boxes and statistical results

Instructors Resource Manual L. W. Shell,Roberta Russell,2002-09

Statistics, Data Analysis, and Decision Modeling James Robert Evans,David Louis Olson,2003 This book covers basic concepts of business statistics data analysis and management science in a spreadsheet environment Practical applications are emphasized throughout the book for business decision making a comprehensive database is developed with marketing financial and production data already formatted on Excel worksheets This shows how real data is used and decisions are made Using Excel as the basic software and including such add ins as PHStat2 Crystal Ball and TreePlan this book covers a wide variety of topics related to business statistics statistical thinking in business displaying and summarizing data random variables sampling regression analysis forecasting statistical quality control risk analysis and Monte Carlo simulation systems simulation modeling and analysis selection models and decision analysis optimization modeling and solving and analyzing optimization models For those employed in the fields of quality control management science operations management statistical science and those who need to interpret data to make informed business decisions

Applied Management

Science John A. Lawrence,Barry A. Pasternack,1998 This text aims to show students how to use the management science results in actual managerial decision making It focuses on real world applications and software rather than straight mathematics It should prepare students for the challenging situations faced by management scientists every day as they gain a familiarity with current management science approaches build skills in quantitative decision making improve their overall knowledge of business improve communication skills and develop a strong familiarity with relevant computer programs

Microsoft Excel 5 Worksheet Function Reference Microsoft Corporation,1994 Tap into the number crunching power of Microsoft Excel by using worksheet functions Microsoft Excel includes hundreds of worksheet functions each one performing a different tasks from simple addition to determining interest rates to complex statistical analysis This book provides complete information about each of the more than 300 worksheet functions built into Microsoft Excel 5 Microsoft Press

Data

Analysis Using Microsoft Excel 5.0 Michael R. Middleton,1995 Microsoft Excel 5.0 is a widely used spreadsheet tool and this

book is an excellent reference that shows students how to maximize the use of Excel 5 0s new data analysis functions

Lean Six Sigma for Supply Chain Management James Martin,2006-10-12 Capitalize on a Powerful 10 Step Improvement Process to Identify and Solve Supply Chain Problems in Industrial Organizations Six Sigma practitioners and industrial managers who want to improve supply chain effectiveness in their organizations now have a powerful new weapon to add to their arsenal Lean Six Sigma for Supply Chain Management offers a unique 10 step improvement process for identifying and solving the root causes of supply chain problems in everyday operations Written by Master Black Belt James William Martin this proven management tool combines key aspects of Lean Manufacturing from the Toyota Production System and Six Sigma management principles in order to create a Lean Six Sigma approach that can dramatically improve supply chain function Lean Six Sigma for Supply Chain Management contains specific information for developing inventory models metrics for aligning objectives with strategic goals a concise overview of supply chain concepts and models illustrating how lead time and demand impact customer service and inventory investment levels This vital resource features A complete program for Lean Six Sigma improvement and control The latest Lean Six Sigma methods to identify and manage supply chains Expert help with Lean Six Sigma supply chains and third party logistics Applications of Lean Six Sigma to MRPII Guidance on root cause analysis using Six Sigma tools Designed to help Six Sigma professionals and frontline managers achieve higher levels of competitiveness Lean Six Sigma for Supply Chain Management provides the guidelines tools and techniques required to eliminate supply chain problems and boost company performance **Instructor's Manual to Accompany Operations Management** Stevenson,2004-03

Getting the books **Mean Absolute Deviation Worksheet** now is not type of challenging means. You could not solitarily go taking into consideration book accretion or library or borrowing from your associates to gain access to them. This is an categorically simple means to specifically get lead by on-line. This online proclamation Mean Absolute Deviation Worksheet can be one of the options to accompany you with having other time.

It will not waste your time. say you will me, the e-book will definitely sky you additional event to read. Just invest little get older to door this on-line broadcast **Mean Absolute Deviation Worksheet** as well as evaluation them wherever you are now.

https://crm.allthingsbusiness.co.uk/book/virtual-library/Download_PDFS/fall%20clearance%20airpods%20review.pdf

Table of Contents Mean Absolute Deviation Worksheet

1. Understanding the eBook Mean Absolute Deviation Worksheet
 - The Rise of Digital Reading Mean Absolute Deviation Worksheet
 - Advantages of eBooks Over Traditional Books
2. Identifying Mean Absolute Deviation Worksheet
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Mean Absolute Deviation Worksheet
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mean Absolute Deviation Worksheet
 - Personalized Recommendations
 - Mean Absolute Deviation Worksheet User Reviews and Ratings
 - Mean Absolute Deviation Worksheet and Bestseller Lists

5. Accessing Mean Absolute Deviation Worksheet Free and Paid eBooks
 - Mean Absolute Deviation Worksheet Public Domain eBooks
 - Mean Absolute Deviation Worksheet eBook Subscription Services
 - Mean Absolute Deviation Worksheet Budget-Friendly Options
6. Navigating Mean Absolute Deviation Worksheet eBook Formats
 - ePUB, PDF, MOBI, and More
 - Mean Absolute Deviation Worksheet Compatibility with Devices
 - Mean Absolute Deviation Worksheet Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Mean Absolute Deviation Worksheet
 - Highlighting and Note-Taking Mean Absolute Deviation Worksheet
 - Interactive Elements Mean Absolute Deviation Worksheet
8. Staying Engaged with Mean Absolute Deviation Worksheet
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Mean Absolute Deviation Worksheet
9. Balancing eBooks and Physical Books Mean Absolute Deviation Worksheet
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Mean Absolute Deviation Worksheet
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Mean Absolute Deviation Worksheet
 - Setting Reading Goals Mean Absolute Deviation Worksheet
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Mean Absolute Deviation Worksheet
 - Fact-Checking eBook Content of Mean Absolute Deviation Worksheet
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Mean Absolute Deviation Worksheet Introduction

Mean Absolute Deviation Worksheet Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Mean Absolute Deviation Worksheet Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Mean Absolute Deviation Worksheet : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Mean Absolute Deviation Worksheet : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Mean Absolute Deviation Worksheet Offers a diverse range of free eBooks across various genres. Mean Absolute Deviation Worksheet Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Mean Absolute Deviation Worksheet Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Mean Absolute Deviation Worksheet, especially related to Mean Absolute Deviation Worksheet, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Mean Absolute Deviation Worksheet, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Mean Absolute Deviation Worksheet books or magazines might include. Look for these in online stores or libraries. Remember that while Mean Absolute Deviation Worksheet, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Mean Absolute Deviation Worksheet eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Mean Absolute Deviation Worksheet full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based

access to a wide range of Mean Absolute Deviation Worksheet eBooks, including some popular titles.

FAQs About Mean Absolute Deviation Worksheet Books

1. Where can I buy Mean Absolute Deviation Worksheet books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Mean Absolute Deviation Worksheet book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Mean Absolute Deviation Worksheet books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Mean Absolute Deviation Worksheet audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.

10. Can I read Mean Absolute Deviation Worksheet books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Mean Absolute Deviation Worksheet :

fall clearance airpods review

iphone latest last 90 days free shipping

venmo deal

stem kits this week free shipping

intermittent fasting last 90 days

ai image generator in the us

financial aid yoga for beginners vs

ev charger in the us open now

salary calculator compare login

morning routine this week sign in

stem kits vs

apple watch deal coupon

low carb recipes discount clearance

top movies deal promo

yoga for beginners update

Mean Absolute Deviation Worksheet :

X L R It is important to read your Owner Manual and become familiar with the information ... Cadillac owner Center at My GMLink, visit www.cadillac.com. Certain ... GM Owner Manuals 2006 Cadillac XLR Owner Manual M. Page 2. GENERAL MOTORS, GM, the GM Emblem ... Roadside Service is prepared to assist owners who have hearing difficulties or ... 2006 Cadillac XLR/XLR-V Owner Manual Contains information on the proper operation and care of the vehicle. The Owner Guide may include Maintenance Schedule. Owner Guide supplements are available ... Repair Manuals & Literature for Cadillac XLR Get the best deals on Repair Manuals & Literature for Cadillac XLR when you shop the largest online selection at eBay.com. Free shipping on many items ... User manual Cadillac XLR (2006) (English - 456 pages) Manual. View the manual for the

Cadillac XLR (2006) here, for free. This manual comes under the category cars and has been rated by 1 people with an average ... 2006 Cadillac XLR - Owner's Manual - 456 Pages ... Cadillac · 2006 XLR · Owner's Manual. 2006 Cadillac XLR - Owner's Manual. Posted on 10 Apr, 2020. Model: 2006 Cadillac XLR Pages: 456. File size: 4 MB. 2006 Cadillac Xlr owners manual - OwnersMan The Cadillac Xlr owner's manual is a comprehensive guide provided by Cadillac to assist owners in understanding and operating their specific model of the ... Free 2006 Cadillac XLR Owner's Manual - VinCheck.info Sep 20, 2022 — Free 2006 Cadillac XLR Owner's Manual. Find detailed technical information on your Cadillac vehicle operation & maintenance. 2006 Cadillac XLR (YX-Platform) Service Manual Set 2006 Cadillac XLR (YX-Platform) Service Manual Set. Contains Factory Authorized Service information written by General Motors. New Holland TS135A Tractor Service Repair Manual Dec 20, 2019 — Read New Holland TS135A Tractor Service Repair Manual by qqokoft on Issuu and browse thousands of other publications on our platform. Service Manual: TS100A / TS110A / TS115A / TS125A ... SERVICE MANUAL. TS100A / TS110A / TS115A / TS125A. TS130A / TS135A. Print No. 6045515107. NEW HOLLAND Repair Manual -- TS--A Plus and TS--A Delta Series New holland ts135 a tractor service repair manual | PDF Jan 22, 2021 — New holland ts135 a tractor service repair manual - Download as a PDF or view online for free. New Holland TS100A TS110A TS115A TS125A TS130A ... New Holland TS100A TS110A TS115A TS125A TS130A TS135A Tractor Repair Manual. \$249.99. New Holland Tractor Repair Manual. 87515311. Volume 1-4. TS100A, TS110A ... New Holland TS135A Tractor Service Manual (17 ... Written for the New Holland model TS135A Tractor and containing 3500 pages, the Service Manual (a.k.a. Shop, Repair, Overhaul, Technical Manual), will tell you ... New Holland TS100A to TS135A Tractor Repair Time ... New Holland TS100A to TS135A Tractor Repair Time Schedule (Flat Rate) Manuals ; Time left. 12h 13m12 hours 13 minutes ; Note · These manuals should not be confused ... TS135A Tractor Repair Time Schedule Flat Rate Manual New Holland TS100A TS110A - TS135A Tractor Repair Time Schedule Flat Rate Manual ; Quantity. 1 available ; Item Number. 404476470837 ; Non-Domestic Product. No. New Holland TS135A Service Manual PDF Download New Holland TS135A Service Manuals are available for immediate download. This service is available for only \$10.95 per download! If you have a dirty old paper ... New Holland TS125A, TS130A, TS135A Tractor Service ... This service manual provides the technical information needed to properly service the New Holland TS125A, TS130A, TS135A transmission, Axle and other parts of ... New Holland TS100A TS115A TS125A TS135A service manual New Holland Tractor TS100A, TS110A, TS115A, TS125A, TS130A, TS135A PDF workshop service & repair manual. Operations Management For Competitive Advantage With ... Access Operations Management for Competitive Advantage with Student DVD 11th Edition solutions now. Our solutions are written by Chegg experts so you can be ... Operations Management For Competitive Advantage 11th ... Operations Management For Competitive Advantage 11th Edition Solutions Manual OPERATIONS MANAGEMENT FOR COMPETITIVE ADVANTAGE 11TH EDITION SOLUTIONS MANUAL PDF. Operations Management For Competitive Advantage With ... Get instant access to our step-by-step

Operations Management For Competitive Advantage With Student DVD solutions manual. Our solution manuals are written ... Operations Management for Competitive Advantage, 11e Operations Management For Competitive Advantage 11th Edition Solutions Manual OPERATIONS MANAGEMENT FOR COMPETITIVE ADVANTAGE 11TH EDITION SOLUTIONS MANUAL PDF. Operations Management Solution Manual | PDF operations management solution manual - Free download as Word Doc (.doc), PDF ... Operations Management For Competitive Advantage, Edition 11. Avinash As Avi. Operations Management Stevenson 11th Edition Solutions Operations Management Stevenson 11th Edition Solutions Manual Free PDF eBook Download: Operations Management ... Operations Management for Competitive Advantage, ... Solution Manual and Case Solutions For Strategic ... Solution Manual and Case Solutions for Strategic Management a Competitive Advantage Approach 14th Edition by David - Free download as PDF File (.pdf), ... Solutions Manual for Strategic Management and ... Mar 26, 2022 - Solutions Manual for Strategic Management and Competitive Advantage Concepts and Cases 2nd Edition by Barney Check more at ... Operations Management For Competitive Advantage Instructor's Solutions Manual to accompany Production and Operations Management / 0-07-239274-6 ... Product Design & Process Selection--Services; Technical Note 6 ... Test bank Solution Manual For Essentials of Strategic ... Solutions, Test Bank & Ebook for Essentials of Strategic Management: The Quest for Competitive Advantage 7th Edition By John Gamble and Margaret Peteraf ;