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Nota di contenuto	Preface to the first edition -- Preface to the second edition -- Preface to the third edition -- Brian Adams: Senior Member of Technical Staff Optimization and Uncertainty Estimation; Sandia National Laboratories -- Jeffrey Zane Anderson: Industrial Engineer; Commonwealth Aluminum Corporation -- Alysia Appell: Senior Analyst; Northwest Airlines -- P Darcy Barnett: Computer Scientist; National Institute of Standards and Technology -- Carl M Beard: Mathematician; Rockwell International Corporation -- Cheryl Beeman: Electronic Commerce Specialist; Kodiak Group -- Betsy Bennett: Private School Teacher; St Albans School, Washington DC -- Nick Bennett: Research Scientist; Schlumberger -- Jonathan G Blattmachr: Partner; Milbank, Tweed, Hadley & McCloy, New York and Los Angeles -- Mary Bonar: Emergency Medicine Physician; Pinnacle Hospital, Harrisburg, PA -- Ron Bousquet: R & D Project Manager; Hewlett-Packard Company -- Margaret L Brandeau: Associate Professor of Industrial Engineering; Stanford University -- Judith R Brown: Manager, Advanced Research Computing Services; University of Iowa -- Denise Cammarata: Senior Engineer; Westinghouse Wireless Solutions Company -- Cora L Carmody: Manager of Systems Engineering; PRC, Inc -- Jessie Caruso: Senior Systems Integrator; CollabraSpace, Inc -- Jack Cassidy: Engineer Scientist, Firmware; Hewlett-Packard -- Shane Chalke: Actuary/Business Owner; Chalke, Inc -- Judith E Chapman: Senior

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Statistician; IMS America -- Lisa M Tonder: Principal Statistician; Medtronic Inc -- Jane Turnbull: Assistant Vice President; Equifax -- Sue E Waldman: Mathematician; US Department of Agriculture Rodney B Wallace: Technical Solutions Manager; IBM -- Martha Weeks: Computer Marketing Consultant; Self-employed -- Benjamin E Weiss: Imaging Scientist; MetaCreations Corp -- Faedra Lazar Weiss: Research Associate; Girls Incorporated National Research Center -- Michael D Weiss: Agricultural Economist; US Department of Agriculture -- Gary L Welz: Director of Corporate Business Development; THINKNewIdeas -- Dan C White: Actuary -- Paul Willoughby: Lead Software Analyst; PRB-CPMPTEK Systems -- Sandra L Winkler: Research Scientist; Ford Motor Company -- Sarah Adams Yeary: Technical Lead; Lockheed Martin Air Traffic management -- James W Yen: Area Development Manager; GlaxoSmithKline Vaccines -- Joyce W Yen: Program/Research Manager; ADVANCE Program, University of Washington -- Yvonne Zhou: Software Engineer; Cray Research, Inc -- Yaromyr Andrew Zinkewych: Troubleshooter; Hubble Space Telescope -- Paul Zorn: Professor; St Olaf College -- Appendices: Seven steps to finding a job -- Interviewing tips from the pros -- So you want to work in industry -- Teamwork: the special challenge of industry -- Degrees earned by mathematics majors.

Sommario/riassunto

This third edition of the immensely popular 101 Careers in Mathematics contains updates on the career paths of individuals profiled in the first and second editions, along with many new profiles. No career counselor should be without this valuable resource. The authors of the essays in this volume describe a wide variety of careers for which a background in the mathematical sciences is useful. Each of the jobs presented shows real people in real jobs. Their individual histories demonstrate how the study of mathematics was useful in landing good-paying jobs in predictable places such as IBM, AT&T, and American Airlines, and in surprising places such as FedEx Corporation, L.L. Bean, and Purdue Farms, Inc. You will also learn about job opportunities in the Federal Government as well as exciting careers in the arts, sculpture, music, and television. There are really no limits to what you can do if you are well prepared in mathematics. The degrees earned by the authors profiled here range from bachelors to masters to PhD in approximately equal numbers. Most of the writers use the mathematical sciences on a daily basis in their work. Others rely on the general problem-solving skills acquired in mathematics as they deal with complex issues.

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