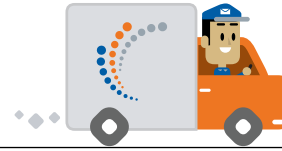


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- Zaouati, Philippe; **Perelman's Refusal: A Novel**; 2021; 133 pp.; List Price US\$29; Non AMS/MAA Mem US\$18.85; AMS/MAA Mem US\$18.85; MBK/137
- Smith, Wendy M., Matthew Voigt, April Ström, David C. Webb, and W. Gary Martin, Editors; **Transformational Change Efforts, Student Engagement in Mathematics through an Institutional Network for Active Learning**; 2021; 348 pp.; List Price US\$79; Non AMS/MAA Mem US\$51.35; AMS/MAA Mem US\$51.35; MBK/138
- De Koninck, Jean-Marie and Nicolas Doyon; **The Life of Primes in 37 Episodes**; 2021; 329 pp.; List Price US\$65; Non AMS/MAA Mem US\$42.25; AMS/MAA Mem US\$42.25; MBK/139
- Gerbelli-Gauthier, Mathilde, Pamela E. Harris, Michael A. Hill, Dagan Karp, and Emily Riehl, Editors; **A Conversation on Professional Norms in Mathematics**; 2021; 138 pp.; List Price US\$60; Non AMS/MAA Mem US\$39.00; AMS/MAA Mem US\$39.00; MBK/140
- Polster, Burkard and Marty Ross; **Putting Two and Two Together, Selections from the Mathologer Files**; 2021; 274 pp.; List Price US\$39; Non AMS/MAA Mem US\$25.35; AMS/MAA Mem US\$25.35; MBK/141
- Schwartz, Richard Evan; **Really Big Numbers**; 2014; 192 pp.; List Price US\$27; Non AMS/MAA Mem US\$17.55; AMS/MAA Mem US\$17.55; MBK/84
- Schwartz, Richard Evan; **You Can Count on Monsters, The First 100 Numbers and Their Characters**; 2015; 242 pp.; List Price US\$27; Non AMS/MAA Mem US\$17.55; AMS/MAA Mem US\$17.55; MBK/90
- Keen, Linda, Irwin Kra, and Rubí E. Rodríguez, Editors; **Lipman Bers, a Life in Mathematics**; 2015; 329 pp.; List Price US\$47; Non AMS/MAA Mem US\$30.55; AMS/MAA Mem US\$30.55; MBK/93

Qty.	Publication/Item	Total \$
—	Flapan, Erica; <b>Knots, Molecules, and the Universe, An Introduction to Topology</b> ; 2016; 386 pp.; List Price US\$74; Non AMS/MAA Mem US\$48.10; AMS/MAA Mem US\$48.10; MBK/96	—
—	Schwartz, Richard Evan; <b>Gallery of the Infinite</b> ; 2016; 187 pp.; List Price US\$29; Non AMS/MAA Mem US\$18.85; AMS/MAA Mem US\$18.85; MBK/97	—

## MSRI Mathematical Circles Library

- Stankova, Zvezdelina and Tom Rike, Editors; **A Decade of the Berkeley Math Circle, The American Experience, Volume I**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2008; 326 pp.; List Price US\$25; Non AMS/MAA Mem US\$16.25; AMS/MAA Mem US\$16.25; MCL/1
- Arnold, V. I.; Translated by Dmitry Fuchs and Mark Saul; **Experimental Mathematics**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2015; 158 pp.; List Price US\$29; Non AMS/MAA Mem US\$18.85; AMS/MAA Mem US\$18.85; MCL/16
- Arnold, V. I.; Translated by Dmitry Fuchs and Mark Saul; **Lectures and Problems: A Gift to Young Mathematicians**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2015; 176 pp.; List Price US\$29; Non AMS/MAA Mem US\$18.85; AMS/MAA Mem US\$18.85; MCL/17
- Shen, Alexander; Translated from Russian by Marie Brodsky with assistance from Gina Yatsenko, Ray Droujkov, and Artem Astapchuk; **Geometry in Problems**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2016; 214 pp.; List Price US\$25; Non AMS/MAA Mem US\$16.25; AMS/MAA Mem US\$16.25; MCL/18
- Andreescu, Titu and Mark Saul; **Algebraic Inequalities: New Vistas**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2016; 124 pp.; List Price US\$41; Non AMS/MAA Mem US\$26.65; AMS/MAA Mem US\$26.65; MCL/19
- Burago, Anna; **Mathematical Circle Diaries, Year 2, Complete Curriculum for Grades 6 to 8**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2018; 362 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; MCL/20

- Givental, Laura, Maria Nemirovskaya, and Ilya Zakharevich; **Math Circle by the Bay, Topics for Grades 1–5**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2018; 171 pp.; List Price US\$25; **Non AMS/MAA Mem US\$16.25; AMS/MAA Mem US\$16.25; MCL/21**
- Currie, Mel; **Mathematics: Rhyme and Reason**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2018; 178 pp.; List Price US\$41; **Non AMS/MAA Mem US\$26.65; AMS/MAA Mem US\$26.65; MCL/22**
- Tanton, James; **How Round Is a Cube?, And Other Curious Mathematical Ponderings**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2019; 262 pp.; List Price US\$25; **Non AMS/MAA Mem US\$16.25; AMS/MAA Mem US\$16.25; MCL/23**
- Auckly, Dave, Bob Klein, Amanda Serenevy, and Tatiana Shubin, Editors; **Inspiring Mathematics, Lessons from the Navajo Nation Math Circles**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2019; 281 pp.; List Price US\$25; **Non AMS/MAA Mem US\$16.25; AMS/MAA Mem US\$16.25; MCL/24**
- Skopenkov, Arkadiy; **Mathematics via Problems, Part 1: Algebra**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2021; 196 pp.; List Price US\$45; **Non AMS/MAA Mem US\$29.25; AMS/MAA Mem US\$29.25; MCL/25**
- Zaslavsky, Alexey A. and Mikhail B. Skopenkov; **Mathematics via Problems, Part 2: Geometry**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2021; 177 pp.; List Price US\$55; **Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; MCL/26**
- Klee, Steven, Kolya Malkin, and Julia Pevtsova; **Math Out Loud, An Oral Olympiad Handbook**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2021; 243 pp.; List Price US\$45; **Non AMS/MAA Mem US\$29.25; AMS/MAA Mem US\$29.25; MCL/27**
- Zvonkin, Alexander; **Math from Three to Seven, The Story of a Mathematical Circle for Preschoolers**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2011; 300 pp.; List Price US\$25; **Non AMS/MAA Mem US\$16.25; AMS/MAA Mem US\$16.25; MCL/5**

Qty.	Publication/Item	Total \$
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- Dorichenko, Sergey; **A Moscow Math Circle, Week-by-week Problem Sets**; A co-publication of the AMS and Mathematical Sciences Research Institute; 2012; 240 pp.; List Price US\$25; **Non AMS/MAA Mem US\$16.25; AMS/MAA Mem US\$16.25; MCL/8**

## AMS Publications Not in Series

- Barnes, Julie, William Krehling, and Beth Schaubroeck; **Coloring Book of Complex Function Representations**; 2017; 40 pp.; List Price US\$16.67; **Non AMS/MAA Mem US\$10.84; AMS/MAA Mem US\$10.84; MMBK/8**

## Natural Math

- Fradkin, A. O. and A. B. Bishop; **Funville Adventures**; A publication of Delta Stream Media; 2017; 123 pp.; List Price US\$24; **Non AMS/MAA Mem US\$15.60; AMS/MAA Mem US\$15.60; NMATH/7**
- Steinig, Rachel and Rodi Steinig; **Math Renaissance, Growing Math Circles, Changing Classrooms, and Creating Sustainable Math Education**; A publication of Delta Stream Media; 2018; 205 pp.; List Price US\$24; **Non AMS/MAA Mem US\$15.60; AMS/MAA Mem US\$15.60; NMATH/8**
- Looney, Sue; **Ying and the Magic Turtle**; A publication of Delta Stream Media; 2019; 96 pp.; List Price US\$24; **Non AMS/MAA Mem US\$15.60; AMS/MAA Mem US\$15.60; NMATH/9**

## Anneli Lax New Mathematical Library

- Chartier, Tim; **When Life is Linear, From Computer Graphics to Bracketology**; 2015; 136 pp.; List Price US\$52; **Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; NML/45**
- van der Veen, Roland and Jan van de Craats; **The Riemann Hypothesis**; 2015; 144 pp.; List Price US\$45; **Non AMS/MAA Mem US\$29.25; AMS/MAA Mem US\$29.25; NML/46**
- McCleary, John; **Exercises in (Mathematical) Style, Stories of Binomial Coefficients**; 2018; 275 pp.; List Price US\$48; **Non AMS/MAA Mem US\$31.20; AMS/MAA Mem US\$31.20; NML/50**

	Qty.	Publication/Item	Total \$
—		Ivanov, O. A.; Translated by Robert G. Burns; <b>Portal through Mathematics, Journey to Advanced Thinking</b> ; 2018; 304 pp.; List Price US\$55; <b>Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; NML/52</b>	
—		Schneider, Leo J.; <b>The Contest Problem Book VI, American High School Mathematics Examinations 1989-1994</b> ; 2000; 212 pp.; List Price US\$35; <b>Non AMS/MAA Mem US\$22.75; AMS/MAA Mem US\$22.75; NML/53</b>	
—		Hayward, Ryan B.; <b>Hex, A Playful Introduction</b> ; 2022; 124 pp.; List Price US\$35; <b>Non AMS/MAA Mem US\$22.75; AMS/MAA Mem US\$22.75; NML/54</b>	
<b>Panoramas et Syntheses</b>			
—		Andreatta, Fabrizio, Riccardo Brasca, Olivier Brinon, Xavier Caruso, Bruno Chiarellotto, Gerard Freixas i Montplet, Shin Hattori, Nicola Mazzari, Simone Panozzo, Marco Seveso, and Go Yamashita; <b>An Excursion into p-Adic Hodge Theory, From Foundations to Recent Trends</b> ; A publication of the Société Mathématique de France; 2020; 268 pp.; List Price US\$75; <b>Non AMS/MAA Mem US\$48.75; AMS/MAA Mem US\$48.75; PASY/54</b>	
—		Ben-Zvi, David, Damien Calaque, Julien Grivaux, Étienne Mann, David Nadler, Tony Pantev, Marco Robalo, Pavel Safronov, and Gabriele Vezzosi; <b>Derived Algebraic Geometry</b> ; A publication of the Société Mathématique de France; 2021; 268 pp.; List Price US\$68; <b>Non AMS/MAA Mem US\$44.20; AMS/MAA Mem US\$44.20; PASY/55</b>	
<b>IAS/Park City Mathematics Series</b>			
—		Kenig, Carlos E., Fang Hua Lin, Svitlana Mayboroda, and Tatiana Toro, Editors; <b>Harmonic Analysis and Applications</b> ; A co-publication of the AMS, IAS/Park City Mathematics Institute, and Society for Industrial and Applied Mathematics; 2020; 345 pp.; List Price US\$110; <b>Non AMS/MAA Mem US\$71.50; AMS/MAA Mem US\$71.50; PCMS/27</b>	
—		Freed, Daniel S., Sergei Gukov, Ciprian Manolescu, Constantin Teleman, and Ulrike Tillmann, Editors; <b>Quantum Field Theory and Manifold Invariants</b> ; A co-publication of the AMS and IAS/Park City Mathematics Institute; 2021; 476 pp.; List Price US\$112; <b>Non AMS/MAA Mem US\$72.80; AMS/MAA Mem US\$72.80; PCMS/28</b>	
<b>Problem Books</b>			
—		Gleason, A. M., R. E. Greenwood, and L. M. Kelly, Editors; <b>The William Lowell Putnam Mathematical Competition</b> ; 1980; 652 pp.; List Price US\$58; <b>Non AMS/MAA Mem US\$37.70; AMS/MAA Mem US\$37.70; PRB/32</b>	
—		Kedlaya, Kiran S., Bjorn Poonen, and Ravi Vakil; <b>The William Lowell Putnam Mathematical Competition 1985–2000, Problems, Solutions, and Commentary</b> ; 2002; 337 pp.; List Price US\$58; <b>Non AMS/MAA Mem US\$37.70; AMS/MAA Mem US\$37.70; PRB/33</b>	
—		Velleman, Daniel J. and Stan Wagon; <b>Bicycle or Unicycle?, A Collection of Intriguing Mathematical Puzzles</b> ; 2020; 286 pp.; List Price US\$55; <b>Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; PRB/36</b>	
—		Kedlaya, Kiran S., Daniel M. Kane, Jonathan M. Kane, and Evan M. O’Dorney; <b>The William Lowell Putnam Mathematical Competition 2001–2016, Problems, Solutions, and Commentary</b> ; 2020; 348 pp.; List Price US\$65; <b>Non AMS/MAA Mem US\$42.25; AMS/MAA Mem US\$42.25; PRB/37</b>	
<b>Proceedings of Symposia in Applied Mathematics</b>			
—		Crane, Keenan, Editor; <b>An Excursion Through Discrete Differential Geometry</b> ; 2020; 140 pp.; List Price US\$118; <b>Non AMS/MAA Mem US\$76.70; AMS/MAA Mem US\$76.70; PSAPM/76</b>	
—		Parrilo, Pablo A. and Rekha R. Thomas, Editors; <b>Sum of Squares: Theory and Applications</b> ; 2020; 142 pp.; List Price US\$118; <b>Non AMS/MAA Mem US\$76.70; AMS/MAA Mem US\$76.70; PSAPM/77</b>	
<b>Proceedings of Symposia in Pure Mathematics</b>			
—		Novikov, Sergey, Igor Krichever, Oleg Ogievetsky, and Senya Shlosman, Editors; <b>Integrability, Quantization, and Geometry, The Set (Parts I and II)</b> ; 2021; 983 pp.; List Price US\$249; <b>Non AMS/MAA Mem US\$161.85; AMS/MAA Mem US\$161.85; PSPUM/103</b>	

— Kechris, A., N. Makarov, D. Ramakrishnan, and X. Zhu, Editors; **Nine Mathematical Challenges, An Elucidation**; 2021; 221 pp.; List Price US\$137; Non AMS/MAA Mem US\$89.05; AMS/MAA Mem US\$89.05; PSPUM/104

## AMS Publications Not in Series

— Simon, Barry; **A Comprehensive Course in Analysis**; 2015; 3259 pp.; List Price US\$371; Non AMS/MAA Mem US\$241.15; AMS/MAA Mem US\$241.15; SIMON-SET

## Memoires de la Societe Mathematique de France

— Benois, Denis; **p-Adic Heights and p-Adic Hodge Theory**; A publication of the Société Mathématique de France; 2021; 135 pp.; List Price US\$52; Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; SMFMEM/167

— Dolgushev, V. A.; **Stable Formality Quasi-Isomorphisms for Hochschild Cochains**; A publication of the Société Mathématique de France; 2021; 108 pp.; List Price US\$52; Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; SMFMEM/168

— Erignoux, C.; **Hydrodynamic Limit for an Active Exclusion Process**; A publication of the Société Mathématique de France; 2021; 108 pp.; List Price US\$68; Non AMS/MAA Mem US\$44.20; AMS/MAA Mem US\$44.20; SMFMEM/169

— Arabia, Alberto; **Espaces de Configuration Généralisés - Espaces Topologiques i-acycliques - Suites Spectrales Basiques**; A publication of the Société Mathématique de France; 2021; 248 pp.; List Price US\$75; Non AMS/MAA Mem US\$48.75; AMS/MAA Mem US\$48.75; SMFMEM/170

— Coulibaly-Pasquier, Koléhè and L. Miclo; **On the Evolution by Duality of Domains on Manifolds**; A publication of the Société Mathématique de France; 2022; 110 pp.; List Price US\$53; Non AMS/MAA Mem US\$34.45; AMS/MAA Mem US\$34.45; SMFMEM/171

## Spectrum

— Plambeck, Thane and Tomas Rokicki, Editors; **Barrycades and Septoku, Papers in Honor of Martin Gardner and Tom Rodgers**; 2020; 234 pp.; List Price US\$65; Non AMS/MAA Mem US\$42.25; AMS/MAA Mem US\$42.25; SPEC/100

Qty.	Publication/Item	Total \$
—	Swetz, Frank J.; <b>The Impact and Legacy of The Ladies' Diary (1704–1840), A Women's Declaration</b> ; 2021; 169 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; SPEC/101	—
—	Kitazawa, Tadao; Edited by Andy Liu, Edmonton, Canada, and George Sicherman, Red Bank, NJ; <b>Arithmetical, Geometrical and Combinatorial Puzzles from Japan</b> ; 2021; 184 pp.; List Price US\$35; Non AMS/MAA Mem US\$22.75; AMS/MAA Mem US\$22.75; SPEC/102	—
—	Musielak, Dora; <b>Sophie's Diary, A Mathematical Novel: Second Edition</b> ; 2012; 279 pp.; List Price US\$43; Non AMS/MAA Mem US\$27.95; AMS/MAA Mem US\$27.95; SPEC/73	—
—	Kendig, Keith; <b>Never a Dull Moment, Hassler Whitney, Mathematics Pioneer</b> ; 2018; 385 pp.; List Price US\$60; Non AMS/MAA Mem US\$39.00; AMS/MAA Mem US\$39.00; SPEC/93	—
—	Zitarelli, David E.; <b>A History of Mathematics in the United States and Canada, Volume 1: 1492–1900</b> ; 2019; 474 pp.; List Price US\$120; Non AMS/MAA Mem US\$78.00; AMS/MAA Mem US\$78.00; SPEC/94	—
—	Simmons, George F.; <b>Calculus Gems, Brief Lives and Memorable Mathematics</b> ; 2007; 355 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; SPEC/95	—
—	Perkins, David; <b>Phi, Pi, e, and i</b> ; 2018; 176 pp.; List Price US\$50; Non AMS/MAA Mem US\$32.50; AMS/MAA Mem US\$32.50; SPEC/96	—
—	Gardner, Martin; <b>Mathematical Puzzle Tales</b> ; 2000; 151 pp.; List Price US\$27; Non AMS/MAA Mem US\$17.55; AMS/MAA Mem US\$17.55; SPEC/97	—
—	Andersen, Kirsti; Translated by Viktor Blåsjö; <b>Optical Illusions in Rome, A Mathematical Travel Guide</b> ; 2019; 80 pp.; List Price US\$50; Non AMS/MAA Mem US\$32.50; AMS/MAA Mem US\$32.50; SPEC/99	—

## IAS/PCMI--The Teacher Program Series

- Kerins, Bowen, Darryl Yong, Al Cuoco, Glenn Stevens, and Mary Pilgrim; **Fractions, Tilings, and Geometry**; A co-publication of the AMS and IAS/Park City Mathematics Institute; 2017; 157 pp.; List Price US\$29; **Non AMS/MAA Mem US\$18.85; AMS/MAA Mem US\$18.85; SSTP/7**
- Kerins, Bowen, Darryl Yong, Al Cuoco, and Glenn Stevens; **Fractions: To Be Continued**; A co-publication of the AMS and IAS/Park City Mathematics Institute; 2021; 126 pp.; List Price US\$50; **Non AMS/MAA Mem US\$32.50; AMS/MAA Mem US\$32.50; SSTP/8**

## Student Mathematical Library

- Pereyra, María Cristina and Lesley A. Ward; **Harmonic Analysis, From Fourier to Wavelets**; 2012; 410 pp.; List Price US\$58; **Non AMS/MAA Mem US\$37.70; AMS/MAA Mem US\$37.70; STML/63**
- Garrity, Thomas, Richard Belshoff, Lynette Boos, Ryan Brown, Carl Lienert, David Murphy, Junalyn Navarra-Madsen, Pedro Poitevin, Shawn Robinson, Brian Snyder, and Caryn Werner; **Algebraic Geometry, A Problem Solving Approach**; 2013; 335 pp.; List Price US\$53; **Non AMS/MAA Mem US\$34.45; AMS/MAA Mem US\$34.45; STML/66**
- Wagstaff, Samuel S.; **The Joy of Factoring**; 2013; 293 pp.; List Price US\$52; **Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/68**
- Levi, Mark; **Classical Mechanics with Calculus of Variations and Optimal Control, An Intuitive Introduction**; 2014; 299 pp.; List Price US\$45; **Non AMS/MAA Mem US\$29.25; AMS/MAA Mem US\$29.25; STML/69**
- Rempe-Gillen, Lasse and Rebecca Waldecker; **Primality Testing for Beginners**; 2014; 244 pp.; List Price US\$48; **Non AMS/MAA Mem US\$31.20; AMS/MAA Mem US\$31.20; STML/70**
- Spencer, Joel; with Laura Florescu, New York University, NY; **Asymptopia**; 2014; 183 pp.; List Price US\$42; **Non AMS/MAA Mem US\$27.30; AMS/MAA Mem US\$27.30; STML/71**
- Kot, Mark; **A First Course in the Calculus of Variations**; 2014; 298 pp.; List Price US\$53; **Non AMS/MAA Mem US\$34.45; AMS/MAA Mem US\$34.45; STML/72**

Qty.	Publication/Item	Total \$
—	Landman, Bruce M. and Aaron Robertson; <b>Ramsey Theory on the Integers, Second Edition</b> ; 2014; 384 pp.; List Price US\$61; <b>Non AMS/MAA Mem US\$39.65; AMS/MAA Mem US\$39.65; STML/73</b>	—
—	Elhamdadi, Mohamed and Sam Nelson; <b>Quandles, An Introduction to the Algebra of Knots</b> ; 2015; 245 pp.; List Price US\$52; <b>Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/74</b>	—
—	Kantor, Ida, Jiří Matoušek, and Robert Šámal; <b>Mathematics++, Selected Topics Beyond the Basic Courses</b> ; 2015; 343 pp.; List Price US\$52; <b>Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/75</b>	—
—	Roe, John; <b>Winding Around, The Winding Number in Topology, Geometry, and Analysis</b> ; 2015; 269 pp.; List Price US\$52; <b>Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/76</b>	—
—	Kühnel, Wolfgang; <b>Differential Geometry, Curves — Surfaces — Manifolds, Third Edition</b> ; 2015; 403 pp.; List Price US\$52; <b>Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/77</b>	—
—	Nelson, Gail S.; <b>A User-Friendly Introduction to Lebesgue Measure and Integration</b> ; 2015; 221 pp.; List Price US\$52; <b>Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/78</b>	—
—	Tapp, Kristopher; <b>Matrix Groups for Undergraduates, Second Edition</b> ; 2016; 239 pp.; List Price US\$49; <b>Non AMS/MAA Mem US\$31.85; AMS/MAA Mem US\$31.85; STML/79</b>	—
—	DeVos, Matt and Deborah A. Kent; <b>Game Theory, A Playful Introduction</b> ; 2016; 343 pp.; List Price US\$49; <b>Non AMS/MAA Mem US\$31.85; AMS/MAA Mem US\$31.85; STML/80</b>	—
—	Climenhaga, Vaughn and Anatole Katok; <b>From Groups to Geometry and Back</b> ; 2017; 420 pp.; List Price US\$58; <b>Non AMS/MAA Mem US\$37.70; AMS/MAA Mem US\$37.70; STML/81</b>	—

— Wadsworth, A. R.; **Problems in Abstract Algebra**; 2017; 277 pp.; List Price US\$52; Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/82

— Shemanske, Thomas R.; **Modern Cryptography and Elliptic Curves, A Beginner's Guide**; 2017; 252 pp.; List Price US\$52; Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/83

— Pollack, Paul; **A Conversational Introduction to Algebraic Number Theory, Arithmetic Beyond Z**; 2017; 312 pp.; List Price US\$52; Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/84

— Shapiro, Joel H.; **Volterra Adventures**; 2018; 219 pp.; List Price US\$52; Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/85

— Frankl, Peter and Norihide Tokushige; **Extremal Problems for Finite Sets**; 2018; 232 pp.; List Price US\$52; Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/86

— Katz, Matthew and Jan Reimann; **An Introduction to Ramsey Theory, Fast Functions, Infinity, and Metamathematics**; 2018; 207 pp.; List Price US\$52; Non AMS/MAA Mem US\$33.80; AMS/MAA Mem US\$33.80; STML/87

— Murty, M. Ram and Brandon Fodden; **Hilbert's Tenth Problem, An Introduction to Logic, Number Theory, and Computability**; 2019; 239 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; STML/88

— Hils, Martin and François Loeser; **A First Journey through Logic**; 2019; 185 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; STML/89

— Scoville, Nicholas A.; **Discrete Morse Theory**; 2019; 273 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; STML/90

— Egge, Eric S.; **An Introduction to Symmetric Functions and Their Combinatorics**; 2019; 342 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; STML/91

— Plymen, Roger; **The Great Prime Number Race**; 2020; 152 pp.; List Price US\$59; Non AMS/MAA Mem US\$38.35; AMS/MAA Mem US\$38.35; STML/92

Qty.	Publication/Item	Total \$
—	Stavrov, Iva; <b>Curvature of Space and Time, with an Introduction to Geometric Analysis</b> ; 2020; 243 pp.; List Price US\$59; Non AMS/MAA Mem US\$38.35; AMS/MAA Mem US\$38.35; STML/93	—
—	Bisgard, James; <b>Analysis and Linear Algebra: The Singular Value Decomposition and Applications</b> ; 2021; 217 pp.; List Price US\$59; Non AMS/MAA Mem US\$38.35; AMS/MAA Mem US\$38.35; STML/94	—
—	Bewersdorff, Jörg; Translated by David Kramer; <b>Galois Theory for Beginners, A Historical Perspective, Second Edition</b> ; 2021; 217 pp.; List Price US\$59; Non AMS/MAA Mem US\$38.35; AMS/MAA Mem US\$38.35; STML/95	—

## The Gilbert Strang Series

— Strang, Gilbert; **Differential Equations and Linear Algebra**; A publication of Wellesley-Cambridge Press; 2014; 502 pp.; List Price US\$87.50; Non AMS/MAA Mem US\$56.88; AMS/MAA Mem US\$56.88; STRANG/1

— Strang, Gilbert; **Introduction to Linear Algebra, Fifth Edition**; A publication of Wellesley-Cambridge Press; 2016; 573 pp.; List Price US\$95; Non AMS/MAA Mem US\$61.75; AMS/MAA Mem US\$61.75; STRANG/2

— Strang, Gilbert; **Linear Algebra and Learning from Data**; A publication of Wellesley-Cambridge Press; 2019; 432 pp.; List Price US\$95; Non AMS/MAA Mem US\$61.75; AMS/MAA Mem US\$61.75; STRANG/3

— Strang, Gilbert; **Linear Algebra for Everyone**; A publication of Wellesley-Cambridge Press; 2020; 356 pp.; List Price US\$85; Non AMS/MAA Mem US\$55.25; AMS/MAA Mem US\$55.25; STRANG/4

## Mathematical Surveys and Monographs

— Morgan, John W., Editor; McDuff, Dusa, Mohammad Tehrani, Kenji Fukaya, and Dominic Joyce; **Virtual Fundamental Cycles in Symplectic Topology**; 2019; 300 pp.; List Price US\$129; Non AMS/MAA Mem US\$83.85; AMS/MAA Mem US\$83.85; SURV/237

— Tsfasman, Michael, Serge Vl du , and Dmitry Nogin; **Algebraic Geometry Codes: Advanced Chapters**; 2019; 453 pp.; List Price US\$129; Non AMS/MAA Mem US\$83.85; AMS/MAA Mem US\$83.85; SURV/238



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—	Arcozzi, Nicola, Richard Rochberg, Eric T. Sawyer, and Brett D. Wick; <b>The Dirichlet Space and Related Function Spaces</b> ; 2019; 536 pp.; List Price US\$129; Non AMS/MAA Mem US\$83.85; AMS/MAA Mem US\$83.85; SURV/239	_____
—	Fernández López, Antonio; <b>Jordan Structures in Lie Algebras</b> ; 2019; 299 pp.; List Price US\$129; Non AMS/MAA Mem US\$83.85; AMS/MAA Mem US\$83.85; SURV/240	_____
—	Williams, Dana P.; <b>A Tool Kit for Groupoid C-Algebras</b> ; 2019; 398 pp.; List Price US\$129; Non AMS/MAA Mem US\$83.85; AMS/MAA Mem US\$83.85; SURV/241	_____
—	Isidro, José M.; <b>Jordan Triple Systems in Complex and Functional Analysis</b> ; 2019; 560 pp.; List Price US\$129; Non AMS/MAA Mem US\$83.85; AMS/MAA Mem US\$83.85; SURV/243	_____
—	Boussaïd, Nabile and Andrew Comech; <b>Nonlinear Dirac Equation, Spectral Stability of Solitary Waves</b> ; 2019; 297 pp.; List Price US\$129; Non AMS/MAA Mem US\$83.85; AMS/MAA Mem US\$83.85; SURV/244	_____
—	Wang, Aiping and Anton Zettl; <b>Ordinary Differential Operators</b> ; 2019; 250 pp.; List Price US\$129; Non AMS/MAA Mem US\$83.85; AMS/MAA Mem US\$83.85; SURV/245	_____
—	Bortolan, Matheus C., Alexandre N. Carvalho, and José A. Langa; <b>Attractors Under Autonomous and Non-autonomous Perturbations</b> ; 2020; 246 pp.; List Price US\$140; Non AMS/MAA Mem US\$91.00; AMS/MAA Mem US\$91.00; SURV/246	_____
—	Heckenberger, István and Hans-Jürgen Schneider; <b>Hopf Algebras and Root Systems</b> ; 2020; 582 pp.; List Price US\$140; Non AMS/MAA Mem US\$91.00; AMS/MAA Mem US\$91.00; SURV/247	_____
—	Larson, Paul B. and Jindrich Zapletal; <b>Geometric Set Theory</b> ; 2020; 330 pp.; List Price US\$140; Non AMS/MAA Mem US\$91.00; AMS/MAA Mem US\$91.00; SURV/248	_____
—	Adrianov, Nikolai M., Fedor Pakovich, and Alexander K. Zvonkin; <b>Davenport–Zannier Polynomials and Dessins d’Enfants</b> ; 2020; 187 pp.; List Price US\$140; Non AMS/MAA Mem US\$91.00; AMS/MAA Mem US\$91.00; SURV/249	_____
—	Bekka, Bachir and Pierre de la Harpe; <b>Unitary Representations of Groups, Duals, and Characters</b> ; 2020; 484 pp.; List Price US\$140; Non AMS/MAA Mem US\$91.00; AMS/MAA Mem US\$91.00; SURV/250	_____
—	Hoff, David; <b>Linear and Quasilinear Parabolic Systems, Sobolev Space Theory</b> ; 2020; 226 pp.; List Price US\$140; Non AMS/MAA Mem US\$91.00; AMS/MAA Mem US\$91.00; SURV/251	_____
—	Déserti, Julie; <b>The Cremona Group and Its Subgroups</b> ; 2021; 187 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/252	_____
—	Belabas, Karim and Henri Cohen; <b>Numerical Algorithms for Number Theory, Using Pari/GP</b> ; 2021; 429 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/254	_____
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—	Jimbo, Michio, Tetsuji Miwa, and Fedor Smirnov; <b>Local Operators in Integrable Models I</b> ; 2021; 192 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/256	_____
—	Kinnunen, Juha, Juha Lehrbäck, and Antti Vähäkangas; <b>Maximal Function Methods for Sobolev Spaces</b> ; 2021; 354 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/257	_____
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—	Heinzer, William, Christel Rotthaus, and Sylvia Wiegand; <b>Integral Domains Inside Noetherian Power Series Rings, Constructions and Examples</b> ; 2021; 426 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/259	_____

— Buchweitz, Ragnar-Olaf; With appendices by Luchezar L. Avramov, Benjamin Briggs, Srikanth B. Iyengar, and Janina C. Letz.; **Maximal Cohen–Macaulay Modules and Tate Cohomology**; 2021; 175 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/262

— Ismailov, Vugar E.; **Ridge Functions and Applications in Neural Networks**; 2021; 186 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/263

— Carter, J. Scott and Seiichi Kamada; **Diagrammatic Algebra**; 2021; 365 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/264

— Mustafa, Nabil H.; **Sampling in Combinatorial and Geometric Set Systems**; 2022; 251 pp.; List Price US\$125; Non AMS/MAA Mem US\$81.25; AMS/MAA Mem US\$81.25; SURV/265

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— Sibley, Thomas Q.; **Thinking Geometrically, A Survey of Geometries**; 2015; 559 pp.; List Price US\$77; Non AMS/MAA Mem US\$50.05; AMS/MAA Mem US\$50.05; TEXT/26

— Johnston, William; **The Lebesgue Integral for Undergraduates**; 2015; 284 pp.; List Price US\$60; Non AMS/MAA Mem US\$39.00; AMS/MAA Mem US\$39.00; TEXT/27

— Boardman, Michael E. and Roger B. Nelsen; **College Calculus, A One-Term Course for Students With Previous Calculus Experience**; 2015; 371 pp.; List Price US\$60; Non AMS/MAA Mem US\$39.00; AMS/MAA Mem US\$39.00; TEXT/28

— Cornette, James L. and Ralph A. Ackerman; **Calculus for the Life Sciences, A Modeling Approach**; 2015; 713 pp.; List Price US\$99; Non AMS/MAA Mem US\$64.35; AMS/MAA Mem US\$64.35; TEXT/29

— Harvey, Matthew; **Geometry Illuminated, An Illustrated Introduction to Euclidean and Hyperbolic Plane Geometry**; 2015; 543 pp.; List Price US\$70; Non AMS/MAA Mem US\$45.50; AMS/MAA Mem US\$45.50; TEXT/30

— Moreno, Luis F.; **An Invitation to Real Analysis**; 2015; 661 pp.; List Price US\$75; Non AMS/MAA Mem US\$48.75; AMS/MAA Mem US\$48.75; TEXT/31

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—	Albert, Jim; <b>Teaching Statistics Using Baseball, Second Edition</b> ; 2017; 243 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; TEXT/34	—
—	Hadlock, Charles R.; <b>Supplementary Material and Solutions Manual for Mathematical Modeling in the Environment</b> ; 1998; 199 pp.; List Price US\$17; Non AMS/MAA Mem US\$11.05; AMS/MAA Mem US\$11.05; TEXT/37	—
—	Campbell, Duff; <b>An Open Door to Number Theory</b> ; 2018; 283 pp.; List Price US\$60; Non AMS/MAA Mem US\$39.00; AMS/MAA Mem US\$39.00; TEXT/39	—
—	Nitecki, Zbigniew; <b>Calculus in 3D, Geometry, Vectors, and Multivariate Calculus</b> ; 2018; 405 pp.; List Price US\$79; Non AMS/MAA Mem US\$51.35; AMS/MAA Mem US\$51.35; TEXT/40	—
—	Byer, Owen D., Deirdre L. Smeltzer, and Kenneth L. Wantz; <b>Journey into Discrete Mathematics</b> ; 2018; 388 pp.; List Price US\$75; Non AMS/MAA Mem US\$48.75; AMS/MAA Mem US\$48.75; TEXT/41	—
—	Messer, Robert and Philip Straffin; <b>Topology Now!</b> ; 2018; 240 pp.; List Price US\$62; Non AMS/MAA Mem US\$40.30; AMS/MAA Mem US\$40.30; TEXT/42	—
—	Carroll, Maureen T. and Elyn Rykken; <b>Geometry: The Line and the Circle</b> ; 2018; 480 pp.; List Price US\$109; Non AMS/MAA Mem US\$70.85; AMS/MAA Mem US\$70.85; TEXT/44	—
—	Barrow-Green, June, Jeremy Gray, and Robin Wilson; <b>The History of Mathematics: A Source-Based Approach, Volume 1</b> ; 2019; 488 pp.; List Price US\$89; Non AMS/MAA Mem US\$57.85; AMS/MAA Mem US\$57.85; TEXT/45	—
—	Cuoco, Al, Kevin Waterman, Bowen Kerins, Elena Kaczorowski, and Michelle Manes; <b>Linear Algebra and Geometry</b> ; 2019; 557 pp.; List Price US\$99; Non AMS/MAA Mem US\$64.35; AMS/MAA Mem US\$64.35; TEXT/46	—
—	Bogacki, Przemyslaw; <b>Linear Algebra, Concepts and Applications</b> ; 2019; 383 pp.; List Price US\$99; Non AMS/MAA Mem US\$64.35; AMS/MAA Mem US\$64.35; TEXT/47	—
—	Taylor, Ron and Patrick X. Rault; <b>A TeXas Style Introduction to Proof</b> ; 2017; 161 pp.; List Price US\$50; Non AMS/MAA Mem US\$32.50; AMS/MAA Mem US\$32.50; TEXT/48	—

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— Dunbar, Steven R.; <b>Mathematical Modeling in Economics and Finance, Probability, Stochastic Processes, and Differential Equations</b> ; 2019; 232 pp.; List Price US\$75; Non AMS/MAA Mem US\$48.75; AMS/MAA Mem US\$48.75; TEXT/49		— Sloughter, Dan; <b>Calculus From Approximation to Theory</b> ; 2020; 571 pp.; List Price US\$99; Non AMS/MAA Mem US\$64.35; AMS/MAA Mem US\$64.35; TEXT/64	
— Kalman, Dan, Sacha Forgoston, and Albert Goetz; <b>Elementary Mathematical Models, An Accessible Development without Calculus, Second Edition</b> ; 2019; 509 pp.; List Price US\$75; Non AMS/MAA Mem US\$48.75; AMS/MAA Mem US\$48.75; TEXT/50		— Sibley, Thomas Q.; <b>Thinking Algebraically, An Introduction to Abstract Algebra</b> ; 2021; 478 pp.; List Price US\$85; Non AMS/MAA Mem US\$55.25; AMS/MAA Mem US\$55.25; TEXT/65	
— Hahn, Liang-shin; <b>Complex Numbers and Geometry</b> ; 1994; 192 pp.; List Price US\$30; Non AMS/MAA Mem US\$19.50; AMS/MAA Mem US\$19.50; TEXT/52		— Messer, Robert; <b>Linear Algebra: Gateway to Mathematics, Second Edition</b> ; 2021; 420 pp.; List Price US\$89; Non AMS/MAA Mem US\$57.85; AMS/MAA Mem US\$57.85; TEXT/66	
— Marcus, Daniel A.; <b>Graph Theory</b> ; 2011; 205 pp.; List Price US\$59; Non AMS/MAA Mem US\$38.35; AMS/MAA Mem US\$38.35; TEXT/53		— Osoinach, Jr, John K.; <b>Discovering Abstract Algebra</b> ; 2021; 199 pp.; List Price US\$69; Non AMS/MAA Mem US\$44.85; AMS/MAA Mem US\$44.85; TEXT/67	
— Korman, Philip L.; <b>Lectures on Differential Equations</b> ; 2019; 399 pp.; List Price US\$85; Non AMS/MAA Mem US\$55.25; AMS/MAA Mem US\$55.25; TEXT/54		— Clark, David M. and Xiao Xiao; <b>The Number Line through Guided Inquiry</b> ; 2022; 124 pp.; List Price US\$45; Non AMS/MAA Mem US\$29.25; AMS/MAA Mem US\$29.25; TEXT/69	
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— Hsu, Tim; <b>Fourier Series, Fourier Transforms, and Function Spaces, A Second Course in Analysis</b> ; 2020; 354 pp.; List Price US\$79; Non AMS/MAA Mem US\$51.35; AMS/MAA Mem US\$51.35; TEXT/59		— Johnston, William; <b>The Calculus of Complex Functions</b> ; <i>Not yet published. Expected publication date is May 2022</i> ; 433 pp.; List Price US\$85; Non AMS/MAA Mem US\$55.25; AMS/MAA Mem US\$55.25; TEXT/71	
— Federer Vaaler, Leslie Jane and Shinko Kojima Harper; <b>Student Solution Manual for Mathematical Interest Theory, Third Edition</b> ; 2020; 115 pp.; List Price US\$35; Non AMS/MAA Mem US\$22.75; AMS/MAA Mem US\$22.75; TEXT/60			
— Barrow-Green, June, Jeremy Gray, and Robin Wilson; <b>The History of Mathematics: A Source-Based Approach, Volume 2</b> ; <i>Not yet published. Expected publication date is May 2022</i> ; 687 pp.; List Price US\$89; Non AMS/MAA Mem US\$57.85; AMS/MAA Mem US\$57.85; TEXT/61			
— Bolker, Ethan D. and Maura B. Mast; <b>Common Sense Mathematics, Second Edition</b> ; 2021; 342 pp.; List Price US\$75; Non AMS/MAA Mem US\$48.75; AMS/MAA Mem US\$48.75; TEXT/63			
		<b>Theta Foundation International Book Series of Mathematical Texts</b>	
		— Bercovici, Hari, Dumitru Gaspar, Dan Timotin, and Florian-Horia Vasilescu, Editors; <b>#operatortheory27, Conference Proceedings, Timi oara, July 2–6, 2018</b> ; A publication of Theta Foundation; 2021; 269 pp.; List Price US\$68; Non AMS/MAA Mem US\$44.20; AMS/MAA Mem US\$44.20; THETA/26	
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		— Borel, Armand; <b>Introduction to Arithmetic Groups</b> ; 2019; 118 pp.; List Price US\$50; Non AMS/MAA Mem US\$32.50; AMS/MAA Mem US\$32.50; ULECT/73	

- Polterovich, Leonid, Daniel Rosen, Karina Samvelyan, and Jun Zhang; **Topological Persistence in Geometry and Analysis**; 2020; 128 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; ULECT/74
- Cheng, Raymond, Javad Mashreghi, and William T. Ross; **Function Theory and Spaces**; 2020; 219 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; ULECT/75
- Garcia-Fernandez, Mario and Jeffrey Streets; **Generalized Ricci Flow**; 2021; 248 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; ULECT/76
- Bárány, Imre; **Combinatorial Convexity**; 2021; 148 pp.; List Price US\$55; Non AMS/MAA Mem US\$35.75; AMS/MAA Mem US\$35.75; ULECT/77

## XYZ Series

- Bumbacea, Radu; **Graphs: An Introduction**; A publication of XYZ Press; 2020; 400 pp.; List Price US\$59.95; Non AMS/MAA Mem US\$38.97; AMS/MAA Mem US\$38.97; XYZ/37
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- Andreescu, Titu and Marius Stanean; **New, Newer, and Newest Inequalities**; A publication of XYZ Press; 2021; 335 pp.; List Price US\$59.95; Non AMS/MAA Mem US\$38.97; AMS/MAA Mem US\$38.97; XYZ/39
- Andreescu, Titu and Maxim Ignatiuc, Editors; **Mathematical Reflections: Two Beautiful Years (2018–2019)**; A publication of XYZ Press; 2021; 551 pp.; List Price US\$59.95; Non AMS/MAA Mem US\$38.97; AMS/MAA Mem US\$38.97; XYZ/40
- Andreescu, Titu, Navid Safaei, and Alessandro Ventullo; **Awesome Polynomials for Mathematics Competitions**; A publication of XYZ Press; 2021; 530 pp.; List Price US\$59.95; Non AMS/MAA Mem US\$38.97; AMS/MAA Mem US\$38.97; XYZ/41
- Andreescu, Titu and Adrian Andreescu; **120 Awesome Algebra Problems + 20 Bonus Problems**; A publication of XYZ Press; 2021; 184 pp.; List Price US\$44.95; Non AMS/MAA Mem US\$29.22; AMS/MAA Mem US\$29.22; XYZ/42

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—	Andreescu, Titu, Navid Safaei, and Alessandro Ventullo; <b>AwesomeMath Admission Tests: The Next Seven Years (2015–2021)</b> ; A publication of XYZ Press; 2022; 195 pp.; List Price US\$44.95; Non AMS/MAA Mem US\$29.22; AMS/MAA Mem US\$29.22; XYZ/44	_____