

ACROSS

1. Monastery head
6. Shorthand for “(“or”)”
11. ____ constrictor
14. Type of algebra of continuous linear operators on a Hilbert space
15. Really ham it up
16. Neat freak’s condition, possibly: Abbr.
17. * “A Mathematician Grappling with His Century” (1997/2001)
20. Cook a tuna steak, perhaps
21. Reason to say, “Gesundheit!”
22. Hwy.
25. Cuisenaire ____: colorful cylinder used in hands-on math activities with elementary-school students
27. Word that might come after square or cube
28. * “Theoreme Vivant” (2012) and “Birth of a Theorem” (2015)
33. Prefix meaning “not equal”
34. 20th-century geometer Moser, known for “Moser’s Problem” about unit-length curves on the plane (which is still unsolved)
35. * “Adventures of a Mathematician” (1983)
42. Grant-giving org. whose chairperson is appointed by the POTUS
43. Prefix for science or surgeon
45. * “Ex-Prodigy: My Childhood and Youth” (1953) and “I am a Mathematician” (1956)
50. “Brave New World” drug
51. Homer Simpson’s exclamation
52. Six-pt. scores in the NFL
53. Adorns a monarch
56. Quote attributed to Sophia Kovalevskaya: “It is impossible to be a mathematician without being a ____ in soul.”
59. What all of the *starred clues* are
64. “Girls” home
65. Samuel who has been on the Supreme Court since 2006
66. Common basic programming output: “ ____ WORLD”
67. Output of dividing by 0 in C++
68. Subscribe to a journal or magazine again
69. David Sedaris book: “Squirrel ____ Chipmunk”
7. Org. headquartered in Providence, RI
8. Mythical birds
9. People: Prefix
10. Time of change
11. Dog breed also known as Russian wolfhound
12. Unit of digital information consisting of eight bits, or a group of eight musicians
13. Wood-shaping tool
18. D.E.A. agent
19. “ ____ Flux”: 2005 Charlize Theron film adapted from an MTV series
22. ____ Victor: record company that introduced the 45 RPM record in 1949
23. Place between ones and hundreds
24. Revise
26. Businessman William, founder of an American department store chain
29. Public-key cryptosystem: Abbr. (named for the surnames of the algorithm’s inventors)
30. Charged particle
31. Meadow
32. Below the strike zone
36. “Mass ____ minor” J.S. Bach work
37. “Get it?”
38. College, in the U.K.
39. Marjorie ____ Browne: one of the first African-American women to receive a Ph.D. in Mathematics in the USA, from U. Michigan in 1949
40. Petunia Dursley, to Harry Potter
41. He’s a horse, of course, of course
44. Some logical connectives
45. British mathematician Simon, student of John Conway and one of the co-authors of the “ATLAS of Finite Groups”
46. Herman Melville novel subtitled “A Narrative of Adventures in the South Seas”
47. Place to get oysters and steamers
48. The collection of elements of the form $\$a_{\{1,j\}}\$$ in the matrix $\$A\$$
49. “Hold your horses!”
50. Jacques Cousteau’s equipment
54. It runs through Cairo
55. Phrase to wrap up a seminar talk: “ ____ conclusion..”
57. Williams College athletes, based on an eponym of the school’s original benefactor
58. “My country, ’tis of ____”
59. Luis von ____, Carnegie Mellon University Professor and founder of reCAPTCHA
60. Telecom. giant that merged with Bell Atlantic to form Verizon
61. ____ de France
62. Antlered animal
63. . . . _ _ . . .

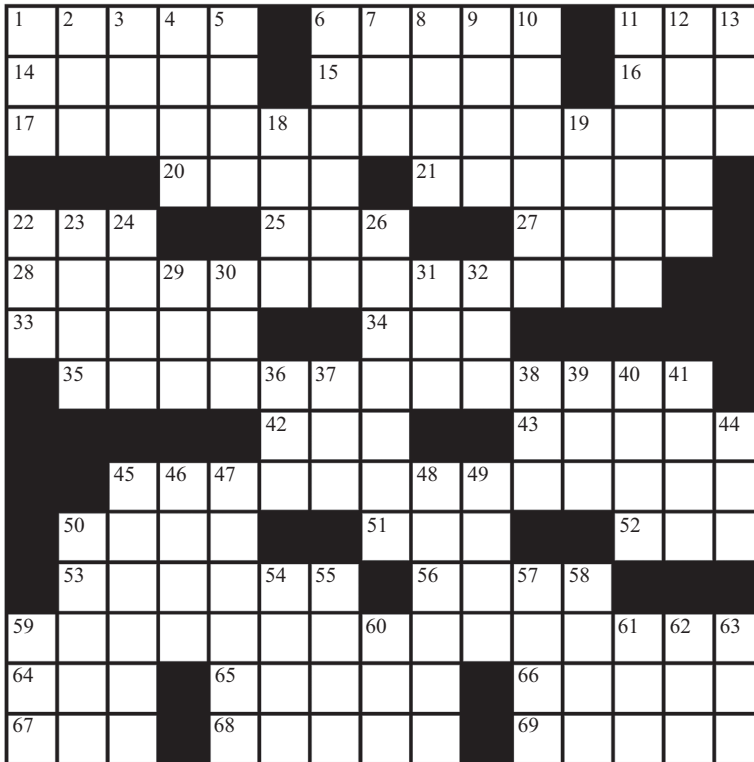
DOWN

1. Frequently injured knee part: Abbr.
2. Org. who voted in 2013 to allow gay members
3. A/C meas.
4. Scullers’ needs
5. Connected graph with no cycles
6. Alexander ____, mid-19th century Russian chess player who popularized a symmetric, defensive opening

Books for a Math Audience

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Clues start at left, on page 154. The Solution is on page 150.

Extra copies of the puzzle can be found at the Magazine's website, www.maa.org/mathmag/supplements.



From the Files of Past MAGAZINE Editors J. Arthur Seebach and Lynn Arthur Steen 1976–1980

To highlight how technology has changed the way that editorial work is done: as editor of the MAGAZINE, Lynn Arthur Steen used to cut accepted manuscripts apart and paste them using rubber cement onto pages to indicate the layout of the articles for the printer.