| S | C | A | ${ }^{4} \mathrm{~B}$ |  | ${ }^{5}$ A | R | E | S | ${ }^{9}$ |  | ${ }^{10} \mathrm{E}$ | ${ }^{11} \mathrm{~S}$ | P | ${ }^{3}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }^{14} \mathrm{C}$ | A | R | R |  | ${ }^{15} \mathrm{~N}$ | E | P | A | L |  | ${ }^{16}$ U | C | L | A |
| ${ }^{17}$ | N | C | A |  | ${ }^{18}$ D | A | 1 | L | Y |  | ${ }^{19} \mathrm{~L}$ | A | U | D |
| ${ }^{20} \mathrm{E}$ | T | H | E | ${ }^{21} \mathrm{R}$ | 1 | D | G | E |  | ${ }^{22}$ | E | R | G | A |
| ${ }^{23} \mathrm{~N}$ | O | 1 | S | E |  | ${ }^{24} \mathrm{D}$ | E | A | ${ }^{25}$ | E | R |  |  |  |
| ${ }^{26} \mathrm{~T}$ | R | M |  | ${ }^{27}$ S | N |  | ${ }^{29} \mathrm{~A}$ | R | E | A |  | M | A | A |
|  |  | ${ }^{33} \mathrm{E}$ | ${ }^{34} \mathrm{P}$ | E | E |  | L | E | R |  | L | 1 | S | A |
| ${ }^{37}$ A | ${ }^{18}$ | D | S | E | W | ${ }^{39}$ |  | ${ }^{40} \mathrm{~A}$ | M | P | E | R | E | S |
| ${ }^{42} \mathrm{D}$ | I | E | U |  | ${ }^{43} \mathrm{~T}$ | 0 | ${ }^{44} \mathrm{~N}$ |  | ${ }^{45}$ | R | 1 | Z |  |  |
| ${ }^{46} \mathrm{~A}$ | M | S |  | ${ }^{47}$ M | 0 | N | O |  | ${ }^{48} \mathrm{~T}$ | E |  | ${ }^{49}$ A | ${ }^{50}$ | A |
|  |  |  | ${ }^{52} \mathrm{M}$ | 0 | N | 1 | E | D |  | ${ }^{\text {T }}$ | O | K | E | D |
| ${ }^{56}$ | O | D | E | L |  | ${ }^{59}$ | T | O | M | A | C | H | E | D |
| ${ }^{6}$ | R | E | A |  | ${ }^{62}$ A | S | H | O | E |  | ${ }^{63} \mathrm{C}$ | A | N | E |
| ${ }^{64} \mathrm{~A}$ | B | E | L |  | ${ }^{65}$ S | U | E | R | S |  | ${ }^{66}$ A | N | O | N |
| ${ }^{67}$ C | S | N | Y |  | ${ }^{68} \mathrm{H}$ | E | R | S | H |  | ${ }^{69}$ | 1 | N | D |

## Across

| 1 | Strikebreaker | SCAB |
| :---: | :---: | :---: |
| 5 | Response to "Are not!" | ARESO |
| 10 | Where to watch sports on TV | ESPN |
| 14 | The Alienist author Caleb | CARR |
| 15 | Where Hillary's ascent began | NEPAL |
| 16 | T. Tao teaches there | UCLA |
| 17 | Quipu users | INCA |
| 18 | Noah's The___ Show | DAILY |
| 19 | Praise | LAUD |
| 20 | "I'm the Only One" singer Melissa | ETHERIDGE |
| 22 | Birthplace of Apollonius | PERGA |
| 23 | Signal-to-___ ratio | NOISE |
| 24 | More hard of hearing | DEAFER |
| 26 | Monogram for An Essay on the Principle of Population author | TRM |
| 27 | Tin in per. table | SN |
| 29 | Riemann sums approximate it | AREA |
| 30 | Publisher of Math. Mag. | MAA |
| 33 | Dueling sword | EPEE |
| 35 | The Lorax character: The Once- | LER |
| 36 | Computer named after boss' daughter | LISA |
| 37 | Created garment from scratch: "Cut ___" | ANDSEWN |
| 40 | Current units | AMPERES |
| 42 | God, in French | DIEU |
| 43 | 2,000 pounds | TON |
| 45 | East of Calif. | ARIZ |
| 46 | Awards the Leroy P. Steele prizes | AMS |
| 47 | Large salt lake in California | MONO |
| 48 | Lawrence of Arabia's initials | TE |

## Across

49 Prof. society for data analysts ASA
52 Wealthy MONIED
54 Puffed TOKED
56 Proved incompleteness GODEL
59 Endured STOMACHED
61 It's removed by kidneys
62 "The Old Woman Who Lived in ___" "

63 Sugar source
64 Proved the insolvability of the quintic
65 Filers of legal action
66 Soon
67 N. Young's supergroup
68 Wrote The Mathematical Experience with Davis
69 Nash biography, A Beautiful___

## Down

1 Has prefix omni or suffix ist
2 Couldn't count the reals
3 Trisected angle with marked straightedge
4 Scottish upland areas
5 Rodgers and Hammerstein's The King_
6 Count up again
7 Grown close to the ground
8 Where good deals are
9 Post-nominal letters for olympians
10 Basel problem solver
11 Simba's uncle
12 $\qquad$ it into the function"

SCIENT
CANTOR
ARCHIMEDES
BRAES

ANDI
READD
EPIGEAL
SALEAREA
OLY
EULER
SCAR
PLUG

## Down

| 13 | Zilch | NADA |
| :---: | :---: | :---: |
| 21 | Watch a movie again | RESEE |
| 22 | The princess's little annoyance | PEA |
| 25 | Wiles proved his last theorem | FERMAT |
| 28 | The Method of Fluxions author | NEWTON |
| 30 | Fields Medalist ceiling breaker | MIRZAKHANI |
| 31 | Suffix for enzymes | ASE |
| 32 | Proves congruence, for short | AAS |
| 34 | Nittany Lions sch. | PSU |
| 36 | Hawaiian garland | LEI |
| 37 | 1990 civil rights law, for short | ADA |
| 38 | An impartial combinatorial game | NIM |
| 39 | Of little importance | NONISSUE |
| 41 | Off-the-rack clothes: ___ porter | PRETA |
| 44 | Pioneer in abstract algebra and physics | NOETHER |
| 47 | Unit symbol for chemical measure | MOL |
| 50 | "As ___ TV!" | SEENON |
| 51 | Number in a sum | ADDEND |
| 52 | ___mouthed | MEALY |
| 53 | Some are gull-wings | DOORS |
| 55 | Philosopher known for his razor | OCCAM |
| 56 | Chip dip, for short | GUAC |
| 57 | Spheres | ORBS |
| 58 | Chef Paula | DEEN |
| 60 | Vertices, edges, and faces in computer graphics | MESH |
| 62 | Tree species killed by invasive beetle | ASH |

