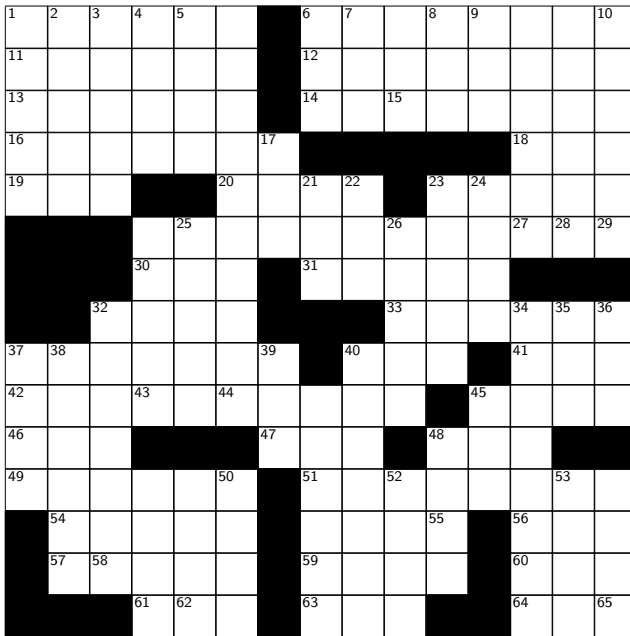


Across

- 1 Put up a painting again
 10 S^1 in C
 11 Eleventy
 13 Roku, Kyoshi, or Korra
 19 ___ admin
 20 It springs eternal
 23 Blokes
 27 Like the streets at midnight
 28 Greek letter rarely used in math
 29 Formula relating five fundamental constants
 30 Skip to your ___
 31 Pacifist's goal
 33 Symbols for canonical sheaves
 37 Hourly birds
 40 Even function in a Fourier series
 42 Reduction of an expression to its least complicated form
 43 With probability somewhat greater than $1/2$
 44 Writing with a friend
 45 Limit of a diagram *sans* universal property
 46 Aid for the poor (singular)
 47 Object captured by Rosalind Franklin in Photo 51
 48 What a fish says after swimming into a wall
 49 Like open sets that generate a topology
 51 Quarrel or angle
 54 ___ filter
 55 Most frosted-over
 57 Product of copies of G_m
 58 Games that went on hiatus for about 1500 years
 59 Transmitted
 60 Many a Scott Joplin tune
 61 Grinds the teeth
 62 Gruesome and shocking
 63 Faraway
 64 Thanksgiving tuber
 65 "Strong" conditional?
 66 Four, to a watchmaker

Down

- 1 Sounds of engines or lions
 2 Emissary
 3 Boils, microwaves, or toasts, e.g.
 4 " '___ boy!'"
 5 "Cool!"
 6 19th letter of the alphabet, spelled phonetically



- 7 Harper or Robert E.
 8 Connector cable involving red, white, and yellow plugs that has been replaced in recent years by HDMI
 9 What may follow a dot
 10 Sense that not all is well
 12 Eyes of a winking emoji
 14 \mathcal{L} such that $\mathcal{L}^{\otimes n}$ is basepoint-free for some $n > 0$
 15 Imitator, such as a suspicious-looking chest in Dungeons and Dragons
 16 Action of $SO(2)$
 17 Prefix for "singular" or "trivial"
 18 *Death Note* character Amane (the "Second Kira")
 21 Write
 22 Tokyo, once
 23 Studies for a final exam in one day
 24 At the present spatial location
 25 ___-the-line
 26 Reel in infatuation
 32 Color of 19th Century photos
 34 "There is ___ in the humming of the strings, there is music in the spacing of the spheres."
 35 Raggedy ___ doll
 36 Verb coming before "stars" or "red"
 38 "
 39 Blue
 40 Like the weak topology *vis-à-vis* the standard topology
 41 ___ *kleine Nachtmusik*
 45 River flowing through Newton's university
 48 Shortcut in many a spy movie
 49 By the sea, especially near Berkeley
 50 Cardinal direction towards Mordor
 52 Fella
 53 March Madness org.
 56 Scratch motivator
 61 Gold-coated
 63 Incriminating information
 67 *Hamlet* act with "To be or not to be"

Solutions, archive and hints:

<https://math.berkeley.edu/~cjdowd/crosswords.html>