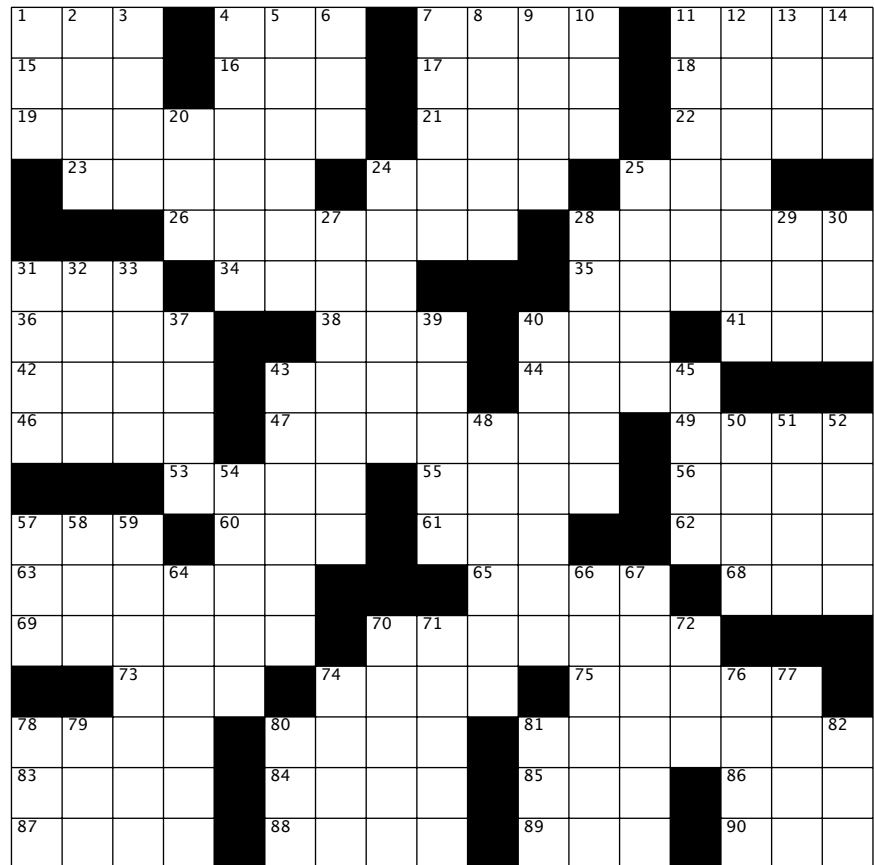


At least, a topology crossword puzzle that obeys the rules Created by Jean Goubault-Larrecq

ACROSS

1. British thermal unit, slightly more than one kilojoule
4. \_\_\_-wan Kenobi
7. Small island
11. Has a left-adjoint tensor (Sec. 6.6.3)
15. Pigsty
16. Killed by curiosity?
17. Relentlessly gloomy
18. Sir Thomas
19. Virgins
21. Writer Bombeck
22. Preposition used with retractions (e.g., Prop. 5.1.69)
23. Commemorative stone slab
24. American association of retired persons
25. London feature
26. \_\_\_ closed=regular (Ex. 4.1.21)
28. Measures how far apart two points can be (Chap. 3)
31. Cell stuff
34. Not us
35. Not us either
36. Haystack
38. Mass of eggs
40. \_\_\_compact, criterion for compactness in presence of completeness (Thm. 3.4.8)
41. Rent
42. Against
43. Essence
44. Author of a selection lemma (Ex. 4.5.15)
46. Generates a topology (Def. 4.1.6)
47. Convergence in this topology is continuous convergence (Prop. 5.4.21)
49. Flat bread
53. Small bottle
55. Repeatedly asks for payment
56. Black
57. Headed
60. Married woman, for short
61. And so on and so forth
62. After eight
63. Periodical
65. Open, e.g. (see discussion on Scott topology, Sec. 4.2.2)
68. Use a needle
69. Religious body
70. Condition of being overweight
73. \_\_\_ Maria
74. Open-topped pastry
75. Wagnerian river
78. Prefix with 28-across, makes it asymmetric
80. Eye part
81. Composed of three parts
83. \_\_\_ continuity, generalizes equicontinuity (Lem. 5.4.36)
84. Jacob's son
85. Denver to Chicago dir.
86. Unique number
87. \_\_\_wolf



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88. Dregs
  89. Dubuque to Chicago dir.
  90. Category of sets
- DOWN**
1. Pace
  2. Hot drinks
  3. Eta of adjunctions (Sec. 5.5.2)
  4. Wild cat
  5. Author of fixed point theorem (Thm. 3.4.5)
  6. Possessive form of it
  7. Downward closed and directed (Def. 5.1.45)
  8. "Oops!"
  9. Sugar cube
  10. Never ratified US amendment: civil rights may not be denied on basis of sex
  11. Suave
  12. Dog of mixed descent
  13. Old TV tube
  14. Head of firm
  20. Eastern st.
  24. \_\_\_ open: part of definition of embedding (Prop. 4.10.9)
  25. Gave a lavish party
  27. Antennae
  28. Ethics
  29. Anger
  30. Chicago hours
  31. Drearly dull
  32. Columbus ship
  33. Deeds
  37. Capital of Ukraine
  39. Short musical composition
  40. Walks like a show horse
  43. Knotted and twisted, as a tree
  45. Basic object of topology (Def. 4.1.1.)
  48. Coauthor of fixed point theorem, with 5-down? (Sec. 7.4.4)
  50. Wading bird
  51. Accessible (Def. 4.1.16)
  52. Afresh
  54. \_\_\_ of a compact subset by continuous map is compact (Prop. 4.4.13)
  57. Continuous from X to R with the Scott topology (Ex. 4.3.11)
  58. Slippery fish
  59. Visionary
  64. University of California campus
  66. Mermaids
  67. 51-down and regular (Def. 4.1.19)
  70. Popeye's girl
  71. A poset has one iff continuous (Def. 5.1.22)
  72. Yang's mate
  74. O(X) is the \_\_\_ locale over X (Thm. 8.1.26)
  76. Inner chamber in a Greek temple
  77. Inventor of c-spaces (Sec. 5.1.2)
  78. Chop, as wood
  79. First lady?
  80. Sick
  81. T-shirt, for short
  82. Still