



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Prof. Alessandro Fedeli

Curriculum scientifico

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- 1989/1990 Borsista di ricerca dell'Istituto Nazionale di Alta Matematica "F. Severi".
- 1990/2001 Ricercatore di Geometria
- 1991/1992 e 1994 Borsista di Ricerca del Consiglio Nazionale delle Ricerche presso il Department of Mathematics and Statistics, York University, Toronto.
- Dal 2002 è professore associato di Geometria.
- Interessi di ricerca : topologia generale ed insiemistica, dinamica topologica e simbolica.

Pubblicazioni di A. Fedeli

1. A-locally compact spaces, Rend. Ist. Mat. Univ. Trieste 20 (1988), 175-185.
2. Closure operators and $T(A)$ -spaces, Atti Sem. Mat. Fis. Univ. Modena 37 (1989), 45-51.
3. A-compact spaces, Serdica Math. J. 15 (1989), 3-11.
4. Two properties related to A-compactness, Riv. Mat. Univ. Parma 15 (1989), 89-98.
5. A-pseudocompact spaces, Rend. Circ. Mat. Palermo 24 (1990), 365-374.
6. On ω -continuous selections of small multifunctions, Comment. Math. Univ. Carolin. 32 (1991), 155-159 (with J. Pelant).
7. On $w\omega$ -compactness, Discrete Math. 108 (1992), 13-23 (with J. Reiterman and A. Tozzi).
8. On compact and Top_0 -compact sobrification, Rend. Circ. Mat. Palermo 29 (1992), 399-405.
9. On the k-Baire property, Comment. Math. Univ. Carolin. 34 (1993), 525-527.
10. Two cardinal inequalities for functionally Hausdorff spaces, Comment. Math. Univ. Carolin. 35 (1994), 365-369.
11. ω -paracompactness and regularity, Rend. Ist. Mat. Univ. Trieste 26 (1994), 1-4.

12. Base, \mathcal{B} -bases and quasi-developments, *Topology Proc.* 19 (1994), 79-85 (with C. Costantini and J. Pelant).
13. Elementary submodels and cardinal functions, *Topology Proc.* 20 (1995), 91-110 (with S. Watson).
14. Continuous images of products of separable spaces, *Topology Appl.* 72 (1996), 95-97 (with S. Watson).
15. Elementary submodels in topology, *Topology Atlas Invited Contributions 1* (1996), 23-24.
16. Weak calibers and the Scott-Watson theorem, *Czechoslovak Math. J.* 46 (1996), 421-425.
17. On strong cellularity, *Boll. Un. Mat. Ital.* 10 (1996), 673-676 (with S. Watson).
18. On the cardinality of functionally Hausdorff spaces, *Comment. Math. Univ. Carolin.* 37 (1996), 797-801.
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20. A note on the cardinality of functionally Hausdorff spaces, *Rend. Mat. Appl.* 17 (1997), 157-161.
21. On two questions related to H-sets, *Questions Answers in Gen. Topology* 16 (1998), 17-23.
22. \mathcal{H} -sets and cardinal invariants, *Comment. Math. Univ. Carolin.* 39 (1998), 367-370.
23. On the cardinality of Hausdorff spaces, *Comment. Math. Univ. Carolin.* 39 (1998), 581-585.
24. One-point connectifications of subspaces of the euclidean line, *Rend. Mat. Appl.* 18 (1998), 677-682 (with A. Le Donne).
25. On strongly functionally disconnected spaces, *Questions Answers Gen. Topology* 17 (1999), 57-60.
26. Dense embeddings in pathwise connected spaces, *Topology Appl.* 96 (1999), 15-22 (with A. Le Donne).
27. On locally connected connectifications, *Topology Appl.* 96 (1999), 85-88 (with A. Le Donne).
28. On strongly functionally disconnected spaces II, *Questions Answers Gen. Topology* 17 (1999), 131-138 (with A. Miranda).
29. An independency result in connectification theory, *Comment. Math. Univ. Carolin.* 40 (1999), 331-334 (with A. Le Donne).
30. Connectifications and open components, *Questions Answers Gen. Topology* 18 (2000), 41-45 (with A. Le Donne).
31. On subconnected spaces, *Questions Answers Gen. Topology* 18 (2000), 97-102 (with A. Le Donne).
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33. Filters and pathwise connectifications, *Rend. Ist. Mat. Univ. Trieste* 32 (2000), 173-187 (with C. Costantini and A. Le Donne).

34. The Sorgenfrey line has a locally pathwise connected connectification, Proc. Amer. Math. Soc. 129 (2001), 311-314 (with A. Le Donne).
35. Embeddings into normal first countable spaces, Topology Appl. 111 (2001), 135-137 (with A. Le Donne).
36. Connectedness properties of special subsets of the plane, Topology Appl. 117 (2002), 1-7 (with G.Gruenhage and A. Le Donne).
37. Pytkeev spaces and sequential extensions, Topology Appl. 117 (2002), 345-348 (with A. Le Donne).
38. A zero-dimensional Moore space without dense normal subspaces, Questions Answers Gen. Topology 20 (2002), 53-56.
39. On good connected preimages, Topology Appl. 125 (2002), 489-496 (with A. Le Donne).
40. The fine structure of strong disconnectedness properties, Chaos Solitons Fractals 23 (2005), 677-682 (with A. Le Donne).
41. On chaotic set-valued discrete dynamical systems, Chaos solitons Fractals 23 (2005), 1381-1384.
42. On a problem related to a non-squeezing theorem, Topology Appl. 148 (2005), 33-38 (with A. Le Donne).
43. When is a locally separable connected space separable ?, Questions Answers Gen. Topology 24 (2006), 23-30 (with A. Le Donne).
44. On discontinuous transitive maps and dense orbits, Bull. Belg. Math. Soc. Simon Stevin 13 (2006), 241-245.
45. Embeddings into symbolic dynamical systems, Rep. Math. Phys. 58 (2006), 351-355.
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47. A note on the uniform limit of transitive dynamical systems, Bull. Belg. Math. Soc. Simon Stevin 16 (2009), 59-66 (with A. Le Donne).
48. On two notions of topological entropy for noncompact spaces, Chaos Solitons Fractals 40 (2009), 432-435.
49. On metric spaces and local extrema, Topology Appl. 156 (2009), 2196-2199 (with A. Le Donne).
50. On chaotic extensions of dynamical systems, Topology Appl. 158 (2011), 594-596 (with A. Le Donne).
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58. On quasi-continuous dynamical systems and transitivity, *Topology Appl.* (2022).