

Martin R. Bridson

Bibliography, May 2026

Monograph

- *Metric spaces of non-positive curvature* (with A. Haefliger), *Grund. Math. Wiss.* 319. Springer-Verlag, Berlin, 1999.

Refereed Articles

1. *Absolute profinite rigidity, direct products, and finite presentability* (with A.W. Reid and R. Spitler), *Duke Math. J.* **175** (2026), 511–554.
2. *On the conjugacy problem for subdirect products of hyperbolic groups*, *Math. Ann.* (in press), arXiv:2507.05087.
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5. *The lengths of conjugators in the model filiform groups* (with T.R. Riley), *Math. Z.* **312** (2026), no. 3, Paper No. 97, 14 pp.
6. *Conjugacy in a family of free-by-cyclic groups* (with T.R. Riley and A.W. Sale), *Mich. Math J* (in press), arXiv:2506.01248.
7. *Linear Diophantine equations and conjugator length in 2-step nilpotent groups* (with T.R. Riley), *Bull. Lond. Math. Soc.* **58** (2026), no. 3, Paper No. e70327, 8 pp.
8. *Chasing finite shadows of infinite groups through geometry*, to appear in *Proceedings of 9ECM, the European Congress of Mathematics, Sevilla, 2024.* arXiv:2504.11684
9. *Helly-type theorems, $CAT(0)$ spaces, and actions of automorphism groups of free groups*, *Adv. Math.* **475** (2025), Paper No. 110343.
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Submitted for Publication

1. *The complexity of balanced presentations and the Andrews-Curtis conjecture*, arXiv:1504.04187.
2. *Rigidity of the free factor complex* (with M. Bestvina), arXiv:2306.05941.
3. *Conjugacy in fibre products, distortion, and the geometry of cyclic subgroups*, arXiv:2507.17598.
4. *Relatively hyperbolic groups, Grothendieck pairs, and uncountable profinite ambiguity among fibre products* (with A.W. Reid), arXiv:2507.15009.

5. *Snowflake groups and conjugator length functions with non-integer exponents* (with T.R. Riley), arXiv:2512.14038.
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Obituary

1. *Maryam Mirzakhani*, The Guardian, 19 July 2017.