

# Erdős Number of Shibabrat Naik

**Definition.** Degree/s of separation between Paul Erdős and a researcher,  $x$ , in the space of research collaboration among mathematicians.

**Origins and history.** The Erdős Number Project

**Calculation.** Index in the list below denotes the Erdős number of the co-authors.

1. Erdős, Shapiro, and Shields [1965]
2. Shields and Hoffman [1978]
3. Marsden and Hoffman [1999]
4. Koon, Lo, Marsden, and Ross [2000]
5. Naik and Ross [2017]

## References

- Paul Erdős, H. S. Shapiro, and Allen L. Shields. Large and small subspaces of Hilbert space. *The Michigan Mathematical Journal*, 12(1):169–178, 1965. doi: 10.1307/mmj/1028999306.
- Allen L. Shields and Michael J. Hoffman. *Some problems in operator theory*, volume 693, pages 157–167. Proc. Conf., Calif. State University, Long Beach, CA, 1977.
- Jerrold Marsden and Michael J. Hoffman. *Basic Complex Analysis*. Third edition, 1999.
- Wang Sang Koon, Martin W. Lo, Jerrold E. Marsden, and Shane D. Ross. Heteroclinic connections between periodic orbits and resonance transitions in celestial mechanics. *Chaos*, 10(2):427–469, June 2000. doi: 10.1063/1.166509.
- Shibabrat Naik and Shane D. Ross. Geometry of escaping dynamics in nonlinear ship motion. *Communications in Nonlinear Science and Numerical Simulation*, 47:48–70, 2017. doi: 10.1016/j.cnsns.2016.10.021.