References for The Kontsevich Integral: a Friendly Introduction

Zsuzsanna Dancso

March 2008, University of Illinois at Urbana-Champaign

- M. Kontsevich, *Vassiliev's Knot Invariants*, Adv. in Sov. Math., **16(2)** (1993) 137-150
- D. Bar-Natan, *On the Vassiliev Knot Invariants*, Topology **34** (1995) 423-472
- S. V. Chmutov, D. Duzhin, *The Kontsevich Integral*, Acta Applicandae Math. **66(2)**, 155-190, April 2001.
- J. Murakami and T. Ohtsuki, *Topological Quantum Field Theory for the Universal Quantum Invariant*, Communications in Mathematical Physics, **188-3** (1997) 501-520
- The handout is available at: www.math.toronto.edu/ zsuzsi, you can also email me at: zsuzsi@math.toronto.edu
- For several related links explore: www.math.toronto.edu/drorbn

And a puzzle for your solving pleasure (completely unrelated to the talk's topic): Divide the disk into any (finite) number of identical (connected) parts, so that at least one of these parts does not contain the center on its boudary (so the pie doesn't work)!