

WHAT COMES NEXT? SUGGESTIONS FOR FURTHER READING

What comes next?

- More on Temperley-Lieb-Jones
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 - Joshua Chen. *The Temperley-Lieb categories and skein modules*. [arXiv:1502.06845](#). 2014
- Category theory
 - Tom Leinster. *Basic Category Theory*. [arXiv:1612.09375](#). 2016
 - Emily Riehl. *Category theory in context*. <http://www.math.jhu.edu/~eriehl/context.pdf>. 2016
- Tensor categories, algebra objects, module categories
 - Pavel Etingof, Shlomo Gelaki, Dmitri Nikshych, and Victor Ostrik. *Tensor categories*. Vol. 205. Mathematical Surveys and Monographs. [MR3242743](#) <http://www-math.mit.edu/~etingof/egnobookfinal.pdf>. American Mathematical Society, Providence, RI, 2015, pp. xvi+343
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- Subfactors and tensor categories
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 - Michael Müger. “From subfactors to categories and topology. II. The quantum double of tensor categories and subfactors”. *J. Pure Appl. Algebra* vol. 180 (1-2) (2003). [MR1966525](#) [DOI:10.1016/S0022-4049\(02\)00248-7](#) [arXiv:math.CT/0111205](#), pp. 159–219
 - Dietmar Bisch. “Bimodules, higher relative commutants and the fusion algebra associated to a subfactor”. In: *Operator algebras and their applications (Waterloo, ON, 1994/1995)*. Vol. 13. Fields Inst. Commun. [MR1424954](#) (preview at [google books](#)). Providence, RI: Amer. Math. Soc., 1997, pp. 13–63
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- Marcel Bischoff, Yasuyuki Kawahigashi, Roberto Longo, and Karl-Henning Rehren. *Tensor categories and endomorphisms of von Neumann algebras—with applications to quantum field theory*. Vol. 3. SpringerBriefs in Mathematical Physics. [MR3308880](#) [DOI:10.1007/978-3-319-14301-9](#). Springer, Cham, 2015, pp. x+94
- Adjectives on tensor categories
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- Quantum groups
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 - Zhenghan Wang. *Topological quantum computation*. Vol. 112. CBMS Regional Conference Series in Mathematics. [DOI:10.1090/cbms/112](#) [MR2640343](#). Published for the Conference Board of the Mathematical Sciences, Washington, DC; by the American Mathematical Society, Providence, RI, 2010, pp. xiv+115

- The classification of finite index subfactors
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