

QUANTUM SYMMETRIES

MSRI

January 21 to May 29, 2020

- [1] B. BAKALOV and A. KIRILLOV, JR., *Lectures on tensor categories and modular functors*, University Lecture Series **21**, American Mathematical Society, Providence, RI, 2001, ISBN 0-8218-2686-7. MR 1797619. Zbl 0965.18002. doi: 10.1090/ulect/021.
- [2] P. ETINGOF, S. GELAKI, D. NIKSHYCH, and V. OSTRIK, *Tensor categories*, Mathematical Surveys and Monographs **205**, American Mathematical Society, Providence, RI, 2015, ISBN 978-1-4704-2024-6. MR 3242743. Zbl 1365.18001. doi: 10.1090/surv/205.
- [3] J. KOCK, *Frobenius algebras and 2D topological quantum field theories*, London Mathematical Society Student Texts **59**, Cambridge University Press, Cambridge, 2004, ISBN 0-521-83267-5; 0-521-54031-3. MR 2037238. Zbl 1046.57001. doi: 10.1017/CBO9780511615443.
- [4] V. G. TURAEV, *Quantum invariants of knots and 3-manifolds*, 3rd ed., De Gruyter Studies in Mathematics **18**, De Gruyter, Berlin, 2016, ISBN 978-3-11-044266-3; 978-3-11-043522-1; 978-3-11-043456-9. MR 3617439. Zbl 1346.57002. doi: 10.1515/9783110435221.
- [5] V. G. TURAEV and A. VIRELIZIER, *Monoidal categories and topological field theory*, Progress in Mathematics **322**, Birkhäuser, Cham, 2017, ISBN 978-3-319-49833-1; 978-3-319-49834-8. MR 3674995. Zbl 1423.18001. doi: 10.1007/978-3-319-49834-8.