Recommended reading

The lecturers recommend the following books for learning more about the subject:

- Pavel Etingof, Oleg Goldberg, Sebastian Hensel, Tiankai Liu, Alex Schwendner, Dmitry Vaintrob and Elena Yudovina, *Introduction to representation theory. With historical interludes by Slava Gerovitch.* Student Mathematical Library, 59. American Mathematical Society, Providence, RI, 2011. viii+228 pp.

- William Fulton and Joe Harris, *Representation Theory. A first course.*, Graduate Texts in Mathematics, 129. Springer-Verlag, New York, 1991. xvi+551 pp.

- James E. Humphreys, *Introduction to Lie algebras and representation theory.* , Graduate Texts in Mathematics, 9. Springer-Verlag, New York-Berlin, 1972. xii+169 pp.

- Jean-Pierre Serre, *Complex semisimple Lie algebras*, Springer Monographs in Mathematics, Springer-Verlag, 2001, x + 74pp.

- Jean-Pierre Serre, *Lie algebras and Lie groups*, Lecture Notes in Mathematics, 1500. Springer-Verlag, Berlin, 2006. viii+168 pp.

- Jean-Pierre Serre, *Linear representations of finite groups*, Graduate Texts in Mathematics, Vol. 42. Springer-Verlag, 1977. x+170 pp.