

# Young Tableau, Symmetric Functions, Schubert Polynomials, and Degeneracy Loci

With 0 Figures

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# Preface

These are notes for a reading course under Prof. [Dave Anderson](#). They begin with a review of some material from Fulton's *Young Tableaux*<sup>1</sup> [[Ful97](#)]. However, the primary focus is Manivel's *Symmetric Functions, Schubert Polynomials, and Degeneracy Loci* [[Man01](#)] which one could see as a quasi-sequel.

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<sup>1</sup>which throughout these notes will be spelled as “tableaux” or “tableau” with no real consistency.

## Chapter 1

# Ful97 Geometry

# Bibliography

- [Ful97] William Fulton. *Young Tableaux: With Applications to Representation Theory and Geometry*. Cambridge University Press, 1997. ISBN: 0521567246. DOI: [10.1017/cbo9780511626241](https://doi.org/10.1017/cbo9780511626241).
- [Man01] L. Manivel. *Symmetric Functions, Schubert Polynomials and Degeneracy Loci*. Collection SMF. American Mathematical Society, 2001. ISBN: 9780821821541. URL: <https://books.google.com/books?id=yz7gyKYgIuwC>.