

## Selected References

Entries in **color** are hyperlinks to on-line resources. Hard-copy texts are available at the AIMS library unless otherwise noted.

### Math (linear algebra, contour integration, etc.)

Arfken, G., *Mathematical methods for physicists*

Cain, G., **Complex analysis**

Mathews, J. and Walker, R. L., *Mathematical methods of physics*\*

Nearing, J., **Mathematical tools for physics**

Wyld, H. W., *Mathematical methods for physics*

### Classical mechanics

Georgi, H., **Mechanics and special relativity**

Goldstein, H., *Classical mechanics*

Marion, J. B., *Classical dynamics of particles and systems*

### Quantum mechanics

Griffiths, D. J., *Introduction to quantum mechanics*

Messiah, A., *Quantum mechanics*<sup>†</sup>

Sakurai, J. J., *Modern quantum mechanics*

Schiff, L., *Quantum mechanics*

Shankar, R., *Principles of quantum mechanics*

### Integrable quantum spin chains

Faddeev, L. D., **How algebraic Bethe Ansatz works for integrable model**

Nepomechie, R. I., **A spin chain primer**

---

\* Available at the University of Cape Town library, but not at the AIMS library

† Available at the Stellenbosch University library, but not at the AIMS library