

STRING THEORY

Curso 2012-2013

REFERENCES

Books

The classic books which are considered to be the standard references in string theory are:

- M. B. Green, J. H. Schwarz and E. Witten, *Superstring theory*, 2 Vols., Cambridge University Press, 1987.
- J. Polchinski, *String Theory*, 2 Vols., Cambridge University Press, 1998.

Other books, some of them more recent and with a more modern perspective are:

- D. Lust and S. Theisen, *Lectures on String Theory*, Springer-Verlag (1989)
- K. Becker, M. Becker and J. H. Schwarz, *String theory and M-theory: A modern introduction*, Cambridge University Press, 2007.
- E. Kiritsis, *String theory in a nutshell*, Princeton University Press, 2004
- C. V. Johnson, *D-branes*, Cambridge University Press, 2007.

Books at a more elementary level (but still very useful!) are:

- B. Zwiebach, *A first course in string theory*, Cambridge University Press, 2004.
- D. McMahon, *String Theory Demistified*, McGraw Hill, 2009.

Some lecture notes available on the web:

- A. Uranga, *String theory lecture notes*
<http://gesalerico.ft.uam.es/paginaspersonales/angeluranga/firstpage.html>
- D. Tong, *String Theory*, ePrint: arXiv: 0908.0333
- R. J. Szabo, *Busstepp lectures on string theory*, ePrint: arXiv: hep-th/0207142
- G. 't Hooft, *String theory lectures*,
<http://www.phys.uu.nl/~thooft/lectures/string.html>
- A. N. Schellenkens, *Introduction to String Theory*,
<http://idisk.mac.com/aschellekens-Public/StringLectures2008.pdf>
- G. Arutyunov, *String theory lecture notes*,
<http://www.phys.uu.nl/~arutyuno/teaching.htm>