

Bibliografía del curso ‘Alta Atmósfera’
Profesor: Sergio Dasso. 1^{er} cuatrimestre 2012

Bibliografía Principal (disponible desde la cátedra)

- Andrews D.G., An introduction to atmospheric physics, Cambridge, 2nd Ed., 2010
Gombosi T.I., Physics of the Space Environment, Cambridge, 2004
Prölss G.W., Physics of the Earth's Space Environment, Springer, 2004

Bibliografía Básica Complementaria

- Ghosh S.N., The neutral upper atmosphere, Kluwer, 2002
Gombosi T.I., Gaskinetic Theory, Cambridge, 1994
Hargreaves J.K., An introduction to geospace: the science of the terrestrial upper atmosphere, ionosphere and magnetosphere, Cambridge, 1992
Kelley M.C., The Earth's Ionosphere: Plasma Physics & Electrodynamics, Academic Press, 2009
Parks G.K., Physics of the Space Plasma. An Introduction, Westview, 2004
Pedlosky J., Geophysical Fluid Dynamics, Springer, 1990
Schunk R.W. & Nagy A.F., Ionospheres: Physics, Plasma Physics, and Chemistry, Cambridge, 2009

Bibliografía Específica Complementaria

- Adashko G., Nonlinear phenomena in the ionosphere, Springer, 1978
Akasofu S., Exploring the secrets of the Aurora, Kluwer, 2002
Alperovich L.S., Hydromagnetic waves in the magnetosphere and the ionosphere, Springer, 2007
Bauer S.J., Physics of planetary ionospheres, Springer, 1973
Burlaga L.F., Interplanetary Magnetohydrodynamics, Oxford, 1995
Cravens T.E., Physics of the Solar System Plasmas, Cambridge, 2004
Gassmann G.J., The production and removal of ionization in the upper atmosphere, Comision Nacional de Investigaciones Espaciales (Argentina), 1965
Kalnay E., Atmospheric Modeling: Data Assimilation and Predictability, Cambridge, 2003
Kamide Y. & Chian A., Handbook of the Solar-Terrestrial Environment, Springer, 2007
Kasha M.A., The ionosphere and its interaction with satellites, Gordon and Breach, 1969
Khazanov G.V., Kinetic Theory of the Inner Magnetospheric Plasma, Springer, 2010
Kivelson M.G. & Russell C.T., Introduction to Space Physics, Cambridge, 1995
Neubert T., On Sprites and Their Exotic Kin, Science (300), 747, 2003
Scherer K., Fichtner H., Heber B., and Mall U., Space Weather: The Physics behind a Slogan, Springer, 2005
Schrijver C.J. & Siscoe G.L., Heliophysics. Space Storms and Radiation: Causes and Effects, Cambridge, 2010
Teman R. & Tribbia J.J., Computational methods for the atmosphere and the oceans, Elsevier, 2008