

Reading list

Week 2: Chapter 1 and Chapter 4 (first half) from Hofmann-Wellenhof, Lichtenegger, Wasle: GNSS – Global Navigation Satellite Systems, Springer, 2008, ISBN 978-3-211-73012-6, <https://link.springer.com/book/10.1007%2F978-3-211-73017-1>

Week 3: Chapter 4 (second half) and 5 from Hofmann-Wellenhof, Lichtenegger, Wasle: GNSS – Global Navigation Satellite Systems, Springer, 2008, ISBN 978-3-211-73012-6, <https://link.springer.com/book/10.1007%2F978-3-211-73017-1>

Week 4: Section 4.1 (without 4.1.3) from Hutchinson: Principles of Plasma Diagnostics, Cambridge University Press, 1987, ISBN 978-0521675741, http://staff.ustc.edu.cn/~jlxie/PD_Hutchinson_Diagnostic.pdf

Week 5: Chapter 10 from Petrovski & Tsujii, Digital Satellite Navigation and Geophysics, Cambridge University Press, 2012, ISBN 9780511659072, <https://www.cambridge.org/core/books/digital-satellite-navigation-and-geophysics/582C945784D67AA65353C2CC76CC6C91>

Week 6: Chapter 2 from Treumann & Baumjohann, Advanced Space Plasma Physics, Imperial College Press, 2001

Week 7: Chapter 1 from

Week 8 Article Moen, J.; Oksavik, K.; Alfonsi, L.; Daabakk, Y.; Romano, V. & Spogli, L.: Space weather challenges of the polar cap ionosphere, Journal of Space Weather and Space Climate, 2013, 3, A260000, <https://www.swsc-journal.org/articles/swsc/abs/2013/01/swsc120045/swsc120045.html>

Week 9: Chapter 13 (first five sections) from Introduction to space physics, M. G Kivelson; Christopher T Russell, 1995, https://bibsys-almaprimo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=BIBSYS_ILS71505177350002201&context=L&vid=UIO&lang=no_NO&search_scope=default_scope&adaptor=Local%20Search%20Engine&tab=default_tab&query=any,contains,%20Introduction%20to%20Space%20Physics&mode=Basic

Week 10: Article Balogh, A.; Hudson, H. S.; Petrovay, K.; von Steiger, R.: Introduction to the Solar Activity Cycle: Overview of Causes and Consequences, Space Science Reviews, Volume 186, Issue 1–4, pp 1–15, <https://link.springer.com/article/10.1007/s11214-014-0125-8>

Week 11: Article Echer, E.; Gonzalez, W. D.; Guarnieri, F. L.; Dal Lago, A. ; Vieira, L. E. A.: Introduction to space weather, Advances in Space Research, Volume 35, Issue 5, 2005, Pages 855-865, <https://www.sciencedirect.com/science/article/pii/S0273117705004709?via%3Dihub>