

Report for
Solar Physics Advanced Course IV
A Semester, JFY2017

太陽物理学特論IV
レポート課題
2017年度Aセメスター

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Method of Evaluation

(Presented at the beginning of this lecture;
Shown here just for reference purpose)

- By submitting a report.
- Topic of the report will be announced later.
- Submission of the report is mandatory for the course credits.

太陽物理学特論IV(坂尾)レポート課題 (Solar Physics Advanced Course IV: Report)

- Pick up a topic from the reference(s) listed in the next slide and write your thoughts or studies on the topic.

次ページの資料文献中からトピックを1つ選び、それについて考えたことあるいは調べたことを記せ。

- Length: A4 1-2 pages
- Language: Either Japanese or English
- Indicate the reference(s) used for the report
- Submit by Friday, 2 February 2018, 12:00 JST
- Submit printed copy to 天文学専攻事務室
(electronic submission not accepted)

References

- Lecture materials:
ftp://ftp.solar.isas.jaxa.jp/pub/sakao/JFY2017_Lecture/
- Aschwanden, M. J., “Physics of the Solar Corona”, Springer, 2004. [www.lmsal.com/~aschwand/eprints/2004_book/]
- Aschwanden, M. J., “Particle Acceleration and Kinematics in Solar Flares”, Kluwer, 2002. [Space Sci. Rev. 101, 2002]
- Emslie, A.G, Dennis, B. R., Lin, R. P., and Hudson, H. S. eds., “High-Energy Aspects of Solar Flares”, Springer, 2011. [Space Sci. Rev. 159, 2011]
- Tandberg-Hanssen, and Emslie, A. G., “The physics of solar flares”, Cambridge, 1988.
- 桜井隆、小島正宜、小杉健郎、柴田一成[編], シリーズ現代の天文学10「太陽」, 日本評論社, 2009.
- Balogh, A., Bykov, A, Lin, R. P., Raymond, J., and Scholer, M. eds., “Particle Acceleration in Cosmic Plasmas” (Space Scicens Series of ISSI), Springer, 2013. [Space Sci. Rev. 173, 2012]