

Seminar 1

Session 05: Reading a textbook

Kinoshita Daisuke

Institute of Astronomy, National Central University, Taiwan

first semester, academic year 2022

28 September 2022

Today's Exercise #2

- Open the textbook OpenStax “Astronomy 2e”.
- Choose one from following.
 - 3.1 “The Laws of Planetary Motion”
 - 3.2 “Newton’s Great Synthesis”
 - 3.3 “Newton’s Universal Law of Gravitation”
 - 5.1 “The Behaviour of Light”
 - 5.2 “The Electromagnetic Spectrum”
 - 5.3 “Spectroscopy of Astronomy”
 - 5.4 “The Structure of the Atom”
 - 5.5 “Formation of Spectral Lines”
 - 5.6 “The Doppler Effect”
 - 6.1 “Telescopes”
 - 6.2 “Telescopes Today”
 - 6.3 “Visible-Light Detectors and Instruments”
 - 6.4 “Radio Telescopes”

Today's Exercise #2

- Read the section you choose.
- Pick an English word that you do not know the meaning.
- Use a dictionary to learn about it.
- Pick a technical term.
- Study about the technical term you choose.
- Write down following.
 - the section you read
 - the English word you choose
 - meaning of the English word you choose
 - name of the dictionary you use
 - the technical term you choose
 - meaning of the technical term you choose
 - references
- When finished, tell us what you have found.

Submission of today's exercises

- How to submit your answers to the exercises?
- Go to the web page of the course.
 - https://s3b.astro.ncu.edu.tw/seminar1_202209/
- Find a link to the Google Forms.
- Make a single PDF file that contains answers for both Exercise #1 and #2.
- Upload the file.
- Deadline: 10:00 on 05/Oct/2022