Following good scientific practice, the essential sources will be mentioned in the lecture. In a broad field like astrophysics, this is not always possible to do comprehensively. Since the provided materials do not consist of publications of new original findings, but rather standard lecture material, it should be emphasized once again that the presented texts and illustrations are based on the findings of others.

On the other hand, for didactic reasons, it is customary to recommend a textbook as a reference to students. It is likely that in the case of astrophysics, it will be my own textbook:

Karl-Heinz Spatschek, „Astrophysik" (3. Auflage), Springer (2021)
Karl-Heinz Spatschek, „Astrophysics", Springer (2024) [English edition]

I also recommend the following book:

Barbara Ryden and Bradley Peterson, "Astrophysics", Cambridge UP (2021)

Towards the end of the lecture, it may be beneficial to consider another book as supplementary material:

Scott Dodelson and Fabian Schmidt, "Modern Cosmology" (2nd edition), Academic Press (2021)

Finally, I would like to note that occasionally ChatGPT is used for German-English translations.