

# Nuclear and Elementary Particle Physics

Instructor: Siamak Gousheh

Shahid Beheshti University

Fall 2022

## Problem Set 1

Please answer the following questions and send them to us by 25th Azar.

- Questions 1 to 16 of 1st chapter of [\[MS19\]](#) except 2, 3, 6, 7, and 8.

## References

[MS19] B. R. Martin and G. Shaw. *Nuclear and particle physics: an introduction*. Wiley, Hoboken, NJ, third edition edition, 2019.