習題二

1. Textbook Ch. 1 4,5,6,13
2. Consider the decay of a particle at rest of mass into a particle of mass and a massless neutrino, . Due to momentum conservation, the magnitude of the momentum equals that of Denote their momentum magnitude as Write down the energies of and in terms of . Use energy conservation to solve in terms of .

提示：Use the formula we solve in the homework,

A black text on a white background

Description automatically generated