

Hadron and Quark Physics

Hand-in problems 5

1. **Pion-pion scattering in chiral perturbation theory:** *12 points*
Solve task 1 from section 6.5 of the Lecture Notes
2. **Life time of the η' -meson:** *8 points*
Solve task 3 from section 6.5 of the Lecture Notes

To be handed in at 17.12.2015 (3pm) at the latest.