



§ For basic LHC kinematics, etc.

o Peskin, 0801.1928 (SLAC-PUB-13079)

§ For motivation for TeV-scale physics

o <http://pdg.lbl.gov/2017/reviews/rpp2017-rev-susy-1-theory.pdf>

o Martin, A SUSY Primer, hep-ph:9709356

§ For SUSY review

• **For flavor physics:**

o Zoltan Ligeti TASI lecture, 1502.01372

o PDG flavor review <http://pdg.lbl.gov/2019/reviews/rpp2018-rev-ckm-matrix.pdf>

o Thomson, “Modern Particle Physics”, chapter 14

• **For neutrino physics:**

o Thomson chapter 13.

o Kayser, 1110.3047.

o Giunti and Kim, “Fundamentals of Neutrino Physics and Astrophysics”, particularly chapters 7 and 8. This is much broader and deeper than we need.

It is available from the TAU library at

<https://ebookcentral.proquest.com/lib/tau/detail.action?docID=415331> .

In addition, we will use many papers, particularly on experimental results.



הערות