

Sterile Neutrinos

Douglas Davis, Matthew Epland, Justin Raybern, and Pingchuan Zhao
Department of Physics, Duke University, Durham, NC 27707, USA

(Dated: April 4, 2015)

an abstract

I. THEORY

A. a subsection question mark?

yep

wut

-
- [1] Bernhard Ketzer, *Hybrid Mesons*, Proceedings of Science, Sixth International Conference on Quarks and Nuclear Physics, PoS(QNP2012)025, http://pos.sissa.it/archive/conferences/157/025/QNP2012_025.pdf
 - [2] S. K. Choi *et al.*, *Observation of a Resonancelike Structure in the $\pi^{+-}\psi'$ Mass Distribution in Exclusive $B \rightarrow K\pi^{+-}\psi'$ Decays*. Phys. Rev. Lett. **100**, 142001 8 April 2008.
 - [3] E. Braaten and M. Lu, *Line shapes of the $Z(4430)$* Phys. Rev. D **79** 051503(R) 11 March 2009
 - [4] LHCb Collaboration, R. Aaij *et al.*, *Observation of the Resonant Character of the $Z(4430)^-$ State*, Phys. Rev. Lett., **112**, 22 (2014). <http://dx.doi.org/10.1103/PhysRevLett.112.222002>
 - [5] K.A. Olive *et al.* (Particle Data Group), *hi* (Revised March 2006 by C. Amsler), Chin. Phys. C, 38, 090001 (2014), http://pdg.lbl.gov/2006/reviews/nonqqbar_mxxx050.pdf
 - [6] Vincent Mathieu, Nikolai Kochelev, and Vicente Vento, *The Physics of Glueballs*, Int. J. Mod. Phys. E **18**, 1 (2009), <http://www.worldscientific.com/doi/abs/10.1142/S0218301309012124>
 - [7] Wolfgang Ochs, *The status of glueballs*, J. Phys. G: Nucl. Part. Phys. **40**, 043001 (2013), <http://dx.doi.org/10.1088/0954-3899/40/4/043001>