

Publication List (– August 2014)

1. “Spectroscopy of Family Gauge Bosons”,
Yoshio Koide, Phys. Lett., **B 736**, 499 - 505 (2014), (査読有り).
2. “Universal Bilinear Form of Quark and Lepton Mass Matrices”,
Yoshio Koide and Hiroyuki Nishiura, Phys. Rev. **D 90**, 016009-1-10 (2014), (査読有り).
3. “Effective valence quark model and a possible dip in $dBr(B \rightarrow K\ell\bar{\ell})/dq^2$ ”,
Hiroyuki Ishida and Yoshio Koide, Int. J. Mod. Phys. **A 29**, 1450040 (2014), (査読有り).
4. “Yukawaon Model with Anomaly Free Set of Quarks and Leptons in a U(3) Family Symmetry”,
Yoshio Koide and Hiroyuki Nishiura, Phys. Rev. **D 88**, 116004 (2013), (査読有り).
5. “ “ Neutrino mass matrix model with a bilinear form””,
Yoshio Koide and Hiroyuki Nishiura, J. High Ener. Phys., **04**, 166 (2013), (査読有り).
6. “Can mass of the lightest family gauge boson be of the order of TeV?”,
Yoshio Koide, Phys. Rev. **D87**, 016016 (2013), (査読有り).
7. “Large θ_{13} and unified description of quark and lepton mixing matrices”,
Yoshio Koide and Hiroyuki Nishiura, Europ. Phys. J., **C 73**, 2277 (2013), (査読有り).
8. “ Family gauge bosons with an inverted mass hierarchy”,
Yoshio Koide and Toshifumi Yamashita, Phys. Lett., **B 711**, 384 - 398 (2012), (査読有り).
9. “Yukawaon model with $U(3) \times S_3$ family symmetries”,
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10. “Neutrino mass matrix with no adjustable parameters”,
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11. “SU(5)-compatible yukawaon model”,
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12. “Yukawaon model with $U(3) \times O(3)$ family symmetries”,
Yoshio Koide, J. Phys. **G: Nucl. Part. Phys.** 38, 085004-1-085004-12 (2011) (査読有り) .

13. “Unified description of quark and lepton mixing matrices based on a Yukawaon model”, Hiroyuki Nishiura and Yoshio Koide, Phys. Rev. **D** 83, 035010-1-035010-8 (2011) (査読有り) .
14. “Tests of a family gauge symmetry model at 10^3 TeV scale”, Yoshio Koide, Yukinari Sumino and Masato Yamanaka, Phys. Lett. **B** 695, 274-284 (2011) (査読有り) .
15. “How can CP violation in the neutrino sector be large in a $2 \leftrightarrow 3$ symmetric model?”, Yoshio Koide and Hiroyuki Nishiura, Int. J. Mod. Phys. **A**, 25, 3661-3673 (2010) (査読有り) .
16. “Charged lepton mass spectrum and a scalar potential model”, Yoshio KoideYoshio Koide, Phys. Rev. D 81, 097901-1 - 097901-4 (2010) (査読有り) .
17. “Can massless and light yukawaons be harmless?”, Yoshio Koide, Int. J. Mod. Phys. **A** 25, 1725-1738, (2010) (査読有り) .
18. “Yukawaon approach to the Sumino relation for charged lepton masses”, Yoshio Koide, Phys. Lett. **B** 687, 219-224 (2010) (査読有り) .
19. “Charged lepton mass relations in a supersymmetric Yukawaon model”, Yoshio Koide, Phys. Rev. **D** 79, 033009-1 - 033009-5 (2009) (査読有り) .
20. “Phenomenological meaning of a neutrino mass matrix related to up-quark masses”, Yoshio Koide, Phys. Rev. **D** 78, 093006-1 -093006-8 (2008) (査読有り) .
21. “An empirical neutrino mass matrix related to up-quark masses”, Yoshio Koide, J. Phys. **G** 35, 125005-1 - 125004-11 (2008) (査読有り) .
22. “Testable deviations from exact tribimaximal mixing”, Yoshio Koide, and Hiroyuki Nishiura, Phys. Lett. **B**, 669, 24-27, (2008) (査読有り) .
23. “Neutrino mass hierarchies in a mass matrix form versus its inverse form”, Yoshio Koide, Phys. Rev. **D** 78, 037302-01 - 037302-03 (2008) (査読有り) .
24. “ $O(3)$ flavor symmetry and an empirical neutrino mass matrix”, Yoshio Koide, Phys. Lett. **B**, 665, 227-230 (2008) (査読有り) .
25. “ F -term induced flavor mass spectrum”, Naoyuki Haba and Yoshio Koide, J. High Ener. Phys. 06, 023-1 - 023-12 (2008) (査読有り) .

26. “U(3)-flavor nonet scalar as an origin of the flavor mass spectra”,
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27. “Neutrino mixing based on mass matrices with a $2 \leftrightarrow 3$ symmetry”,
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30. “ S_4 flavor symmetry embedded into SU(3) and lepton masses and mixing”,
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31. “Tribimaximal neutrino mixing and a relation between neutrino- and charged lepton-mass spectra”,
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32. “ S_3 symmetry and neutrino masses and mixings”,
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33. “Shape of the unitary triangle and phase conventions of the CKM matrix”,
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34. “Seesaw mass matrix model of quarks and leptons with flavor-triplet Higgs scalars”,
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35. “Maximal CP violation hypothesis and phase convention of the CKM matrix”,
Yoshio Koide, Phys. Lett. **B** 607, 123 - 130 (2005), (査読有り) .
36. “What happens if an unbroken flavor symmetry exists?”,
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37. “Neutrino masses induced by R -parity violation in a SUSY SU(5) model with additional $\bar{5}'_L + 5'_L$ ”,
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