

Lista articole ISI

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1. **A. Palcu:** IMPLEMENTING INVERSE SEESAW MECHANISM IN $SU(3) \times SU(4) \times U(1)$ GAUGE MODELS, *International Journal of Theoretical Physics* **56**, pp. 403 – 414 (2017). Springer (Online ISSN: 0020-7748).
2. **A. Palcu:** A STRAIGHTFORWARD REALISATION OF THE QUASI-INVERSE SEESAW MECHANISM AT TEV SCALE, *Romanian Reports in Physics* **68**, pp. 128 - 137 (2016). Publishing House of Romanian Academy (Online ISSN: 1841 – 8759).
3. **A. Palcu:** REVISITING THE HIGGS SECTOR OF A 3-3-1 MODEL IN THE LIGHT OF 126 GeV SIGNAL AT THE LHC, *Progress of Theoretical and Experimental Physics* **2013**, 0903B03, pp. 1 - 20 (2013). Oxford University Press (Online ISSN: 2050 – 2911).
4. **A. Palcu:** POSSIBLE HIGGS BOSON DECAYS IN A 3-3-1 GAUGE MODEL, *Romanian Reports in Physics* **65**, pp. 363 - 373 (2013). Publishing House of Romanian Academy (Online ISSN: 1841 – 8759).
5. **A. Palcu:** DIMENSION-FIVE EFFECTIVE OPERATORS IN ELECTRO-WEAK $SU(4) \times U(1)$ GAUGE MODELS, *Physical. Review D* **85**, 113010 (2012). American Physical Society.
6. **A. Palcu, S. Nădăban, A. Şandru:** SOME REMARKS ON THE BOSON MASS SPECTRUM IN A 3-3-1 GAUGE MODEL – *Romanian Journal of Physics* **56**, pp. 673 – 681 (2011), Publishing House of Romanian Academy (ISSN: 1221 – 146X).
7. **A. Palcu:** NEUTRINO MASSES WITH A SUITABLE PARAMETRIZATION IN THE PPF 3-3-1 GAUGE MODEL – *Romanian Journal of Physics* **55**, pp. 285 – 295 (2010), Publishing House of Romanian Academy (ISSN: 1221 – 146X).
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9. **A. Palcu:** ELECTRO-WEAK $SU(4) \times U(1)$ MODELS WITHOUT EXOTIC ELECTRIC CHARGES – *International Journal of Modern Physics A* **24**, pp. 4923 – 4938 (2009), World Scientific (Print ISSN: 0217 – 751X, Online ISSN: 1793 – 656X).
10. **A. Palcu:** NEUTRAL CURRENTS IN $SU(4) \times U(1)$ MODEL WITH EXOTIC ELECTRIC CHARGES – *Modern Physics Letters A* **24**, pp. 2175 - 2180 (2009), World Scientific (Print ISSN: 0217 – 7323, Online ISSN: 1793 – 6632).
11. **A. Palcu:** BOSON MASS SPECTRUM IN $SU(4) \times U(1)$ MODEL WITH EXOTIC ELECTRIC CHARGES – *Modern Physics Letters A* **24**, pp. 1731 - 1742 (2009), World Scientific (Print ISSN: 0217 – 7323, Online ISSN: 1793 - 6632).
12. **A. Palcu:** THE ELECTRIC CHARGE ASSIGNMENT IN $SU(4) \times U(1)$ GAUGE MODELS – *Modern Physics Letters A* **24**, pp.1247 - 1255 (2009), World Scientific. (Print ISSN: 0217 – 7323, Online ISSN: 1793 - 6632).
13. **I. I. Cotăescu and A. Palcu:** CHARGES AND MASS SPECTRUM IN THE PISANO-PLEITEZ-FRAMPTON 3-3-1 GAUGE MODEL – *Modern Physics Letters A* **23**, pp.1011 - 1030 (2008), World Scientific. (Print ISSN: 0217 – 7323, Online ISSN: 1793 - 6632).
14. **A. Palcu:** CHARGED AND NEUTRAL CURRENTS IN A 3-3-1 MODEL WITH RIGHT-HANDED NEUTRINOS – *Modern Physics Letters A* **23**, pp. 387 - 399 (2008), World Scientific. (Print ISSN: 0217 – 7323, Online ISSN: 1793 - 6632).
15. **A. Palcu:** THE EXACT EIGENSTATES OF THE NEUTRINO MASS MATRIX WITHOUT CP-PHASE VIOLATION – *Modern Physics Letters A* **22**, pp. 1459- 1467 (2007), World Scientific. (Print ISSN: 0217 – 7323, Online ISSN: 1793 - 6632).
16. **A. Palcu:** CONSERVING THE LEPTON NUMBER $L(e) - L(\mu) - L(\tau)$ IN THE EXACT SOLUTION OF A 3-3-1 GAUGE MODEL WITH RIGHT-HANDED NEUTRINOS – *Modern Physics Letters A* **22**, pp. 939 - 948 (2007), World Scientific. (Print ISSN: 0217 – 7323, Online ISSN: 1793 - 6632).
17. **A. Palcu:** IMPLEMENTING CANONICAL SEESAW MECHANISM IN A 3-3-1 GAUGE MODEL WITHOUT EXOTIC ELECTRIC CHARGES – *Modern Physics Letters A* **21**, pp. 2591 - 2598 (2006), World Scientific. (Print ISSN: 0217 – 7323, Online ISSN: 1793 - 6632).
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