

## Fișele de verificare a îndeplinirii standardelor minimale

Pentru verificarea indicatorilor I și P<sub>A</sub>

Nr. publicație	Referință bibliografică	Primul autor sau autor corespondent?	a <sub>i</sub>	n <sub>i</sub>	n <sup>ef</sup> <sub>i</sub>	a <sub>i</sub> /n <sup>ef</sup> <sub>i</sub>
1.	<b>Adrian Palcu:</b> DIMENSION-FIVE EFFECTIVE OPERATORS IN ELECTRO-WEAK SU(4) x U(1) GAUGE MODELS, <i>Physical Review D</i> <b>85</b> , 113010 (2012). American Physical Society.	X	1.64183	1	1	1.64183
2.	<b>Adrian Palcu:</b> CANONICAL SEESAW MECHANISM IN ELECTRO-WEAK SU(4) x U(1) MODELS - <i>Modern Physics Letters A</i> <b>24</b> , pp. 2589 - 2600 (2009), World Scientific (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
3.	<b>Adrian Palcu:</b> ELECTRO-WEAK SU(4) x U(1) MODELS WITHOUT EXOTIC ELECTRIC CHARGES - <i>International Journal of Modern Physics A</i> <b>24</b> , pp. 4923 - 4938 (2009), World Scientific (Print ISSN: 0217 - 751X, Online ISSN: 1793 - 656X).	X	0.39189	1	1	0.55830
4.	<b>Adrian Palcu:</b> NEUTRAL CURRENTS IN SU(4) x U(1) MODEL WITH EXOTIC ELECTRIC CHARGES - <i>Modern Physics Letters A</i> <b>24</b> , pp. 2175 - 2180 (2009), World Scientific (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
5.	<b>Adrian Palcu:</b> BOSON MASS SPECTRUM IN SU(4) x U(1) MODEL WITH EXOTIC ELECTRIC CHARGES - <i>Modern Physics Letters A</i> <b>24</b> , pp. 1731 - 1742 (2009), World Scientific (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
6.	<b>Adrian Palcu:</b> THE ELECTRIC CHARGE ASSIGNMENT IN SU(4) x U(1) GAUGE MODELS - <i>Modern Physics Letters A</i> <b>24</b> , pp.1247 - 1255 (2009), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
7.	Ion I. Cotăescu and <b>Adrian Palcu:</b> CHARGES AND MASS SPECTRUM IN THE PISANO-PLEITEZ-FRAMPTON 3-3-1 GAUGE MODEL - <i>Modern Physics Letters A</i> <b>23</b> , pp.1011 - 1030 (2008), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	2	2	0.27915
8.	<b>Adrian Palcu:</b> CHARGED AND NEUTRAL CURRENTS IN A 3-3-1 MODEL WITH RIGHT-HANDED NEUTRINOS - <i>Modern Physics Letters A</i> <b>23</b> , pp. 387 - 399 (2008), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
9.	<b>Adrian Palcu:</b> THE EXACT EIGENSTATES OF THE NEUTRINO MASS MATRIX WITHOUT CP-PHASE VIOLATION - <i>Modern Physics Letters A</i> <b>22</b> , pp. 1459- 1467 (2007), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
10.	<b>Adrian Palcu:</b> CONSERVING THE LEPTON NUMBER L(e) - L(μ) - L(τ) IN THE EXACT SOLUTION OF A 3-3-1 GAUGE MODEL WITH RIGHT-HANDED NEUTRINOS - <i>Modern Physics Letters A</i> <b>22</b> , pp. 939 - 948 (2007), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
11.	<b>Adrian Palcu:</b> IMPLEMENTING CANONICAL SEESAW MECHANISM IN A 3-3-1 GAUGE MODEL WITHOUT EXOTIC ELECTRIC CHARGES	X	0.55830	1	1	0.55830

*Palcu*

	- <i>Modern Physics Letters A</i> <b>21</b> , pp. 2591 - 2598 (2006), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).					
12.	<b>Adrian Palcu</b> : NEUTRINO MASS SQUARED DIFFERENCES IN THE EXACT SOLUTION OF A 3-3-1 GAUGE MODEL WITHOUT EXOTIC ELECTRIC CHARGES - <i>Modern Physics Letters A</i> <b>21</b> , pp. 2027 - 2042 (2006), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
13.	<b>Adrian Palcu</b> : NEUTRINO MASS AS A CONSEQUENCE OF THE EXACT SOLUTION OF 3-3-1 GAUGE MODELS WITHOUT EXOTIC ELECTRIC CHARGES - <i>Modern Physics Letters A</i> <b>21</b> , pp. 1203 - 1218 (2006), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).	X	0.55830	1	1	0.55830
		P=	8.17502	I=		7.89587

P > 2,5 și I > 2,5 CRITERIU ÎNDEPLINIT

Pentru verificarea indicatorilor C

Nr. publicație care este citată	Nr. publicație care citează	Referința bibliografică a publicației care citează Autori, "Titlul", <i>Revista</i> , Vol.(anul) pag <sub>inceput</sub> *pag <sub>sfsarit</sub>	a <sub>k</sub>	n <sub>i</sub>	n <sup>ef</sup> <sub>i</sub>	c <sub>i</sub> /n <sup>ef</sup> <sub>i</sub>
I	<b>Adrian Palcu</b> : CONSERVING THE LEPTON NUMBER L(e) - L(μ) - L(τ) IN THE EXACT SOLUTION OF A 3-3-1 GAUGE MODEL WITH RIGHT-HANDED NEUTRINOS - <i>Modern Physics Letters A</i> <b>22</b> , pp. 939 - 948 (2007), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).					
	1.	D. Meloni, LARGE THETA13 FROM A MODEL WITH L(e) - L(μ) - L(τ) BROKEN SYMMETRY, <i>Journal of High Energy Physics</i> <b>1202</b> , 090 (2012), Springer.	1.64183	1	1	1
	2.	M. Abbas and A. Yu. Smirnov, IS THE TRI-BIMAXIMAL MIXING ACCIDENTAL?, <i>Physical Review D</i> <b>82</b> , 013008 (2010), American Physical Society.	1.64183	1	1	1
	3.	Y. - B. Liu and X. - L. Wang, EXTRA NEUTRAL GAUGE BOSON FROM THE 3-3-1 MODEL AND THE SPIN CORRECTION OF TOP QUARK PAIR PRODUCTION AT THE ILC, <i>Modern Physics Letters A</i> <b>24</b> , 1307 (2009), World Scientific.	0.55830	1	1	1
	4.	M. Lindner and W. Rodejohann, LARGE AND ALMOST MAXIMAL NEUTRINO MIXING WITHIN THE TYPE II SEE-SAW MECHANISM <i>Journal of High Energy Physics</i> <b>0705</b> , 089 (2007), IOP.	1.66545	1	1	1
	5.	A. Blum, R. N. Mohapatra and W. Rodejohann, INVERTED MASS HIERARCHY FROM SCALING IN THE NEUTRINO MASS MATRIX: LOW AND HIGH ENERGY PHENOMENOLOGY <i>Physical Review D</i> <b>76</b> , 053003 (2007), American Physical Society.	1.64183	1	1	1
II	<b>Adrian Palcu</b> : IMPLEMENTING CANONICAL SEESAW MECHANISM IN A 3-3-1 GAUGE MODEL WITHOUT EXOTIC ELECTRIC CHARGES - <i>Modern Physics Letters A</i> <b>21</b> , pp. 2591 - 2598 (2006), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).					
	1.	D. Cogollo, H. Diniz and C. A. De S. Pires, TRIPLE SEESAW MECHANISM, <i>Physics Letters B</i> <b>687</b> , 400 (2010), Elsevier.	3.58661	1	1	1
	2.	D. Cogollo, H. Diniz and C. A. De S. Pires, KeV RIGH-HANDED NEUTRINOS FROM TYPE II SEESAW MECHANISM IN A 3-3-1 MODEL, <i>Physics Letters B</i> <b>677</b> , 338 (2009), Elsevier.	3.58661	1	1	1
	3.	E. Ramirez Barreto, Y. A. Coutinho and J Sa Borges, CHARGED	1.88645	1	1	1

		BILEPTON PAIR PRODUCTION AT LHC INCLUDING EXOTIC QUARK CONTRIBUTION, <i>Nuclear Physics B</i> <b>810</b> , 210 (2009), Elsevier.				
	4.	D. Cogollo, H. Diniz, C. A. De S. Pires and P. S. Rodrigues da Silva, THE SEESAW MECHANISM AT TeV SCALE IN THE 3-3-1 MODEL WITH RIGHT-HANDED NEUTRINOS, <i>Eur. Phys. J. C</i> <b>58</b> , 455 (2008), Springer.	1.29670	1	1	1
III	<b>Adrian Palcu:</b> NEUTRINO MASS AS A CONSEQUENCE OF THE EXACT SOLUTION OF 3-3-1 GAUGE MODELS WITHOUT EXOTIC ELECTRIC CHARGES - <i>Modern Physics Letters A</i> <b>21</b> , pp. 1203 - 1218 (2006), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632)					
	1.	F. Ramirez-Zavaleta, G. Tavares-Velasco and J. J. Toscano, BILEPTON EFFECTS ON THE WWV VERTEX IN THE 331 MODEL WITH RIGHT-HANDED NEUTRINOS VIA A SU(2)XU(1) COVARIANT QUANTIZATION SCHEME, <i>Physical Review D</i> <b>75</b> , 075008 (2007), American Physical Society.	1.64183	1	1	1
	2.	Furong Yin, NEUTRINO MIXING MATRIX IN THE 3-3-1 MODEL WITH HEAVY LEPTONS AND A4 SYMMETRY, <i>Physical Review D</i> <b>75</b> , 073010 (2007), American Physical Society.	1.64183	1	1	1
	3.	W. A. Ponce and L. A. Sanchez, SYSTEMATIC STUDY OF THE SU(3)xSU(4)xU(1) GAUGE SYMMETRY, <i>Modern Physics Letters A</i> <b>22</b> , 435 (2007), World Scientific.	0.55830	1	1	1
IV	<b>Adrian Palcu:</b> THE ELECTRIC CHARGE ASSIGNMENT IN SU(4) x U(1) GAUGE MODELS - <i>Modern Physics Letters A</i> <b>24</b> , pp.1247 - 1255 (2009), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).					
	1.	A. Jaramillo and L. A. Sanchez, FLAVOR CHANGING NEUTRAL CURRENTS, CP VIOLATION AND IMPLICATIONS FOR SOME RARE DECAYS IN A SU(4) x U(1) EXTENSION OF THE STANDARD MODEL, <i>Phys. Rev D</i> <b>84</b> , 115001 (2011).	1.64183	1	1	1
	2.	S. Villada and L. A. Sanchez, PHENOMENOLOGY OF A THREE-FAMILY MODELS WITH GAUGE SYMMETRY SU(3) x SU(4) x U(1), <i>J. Phys. G</i> <b>36</b> , 115002 (2009), IOP.	1.00000	1	1	1
	3.	J. L. Nisperuza and L. A. Sanchez, EFFECTS OF QUARK FAMILY NONUNIVERSALITY IN SU(3) x SU(4) x U(1) MODELS, <i>Physical Review D</i> <b>80</b> , 035003 (2009), American Physical Society	1.64183	1	1	1
V	<b>Adrian Palcu:</b> BOSON MASS SPECTRUM IN SU(4) x U(1) MODEL WITH EXOTIC ELECTRIC CHARGES - <i>Modern Physics Letters A</i> <b>24</b> , pp. 1731 - 1742 (2009), World Scientific (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).					
	1.	A. Jaramillo and L. A. Sanchez, FLAVOR CHANGING NEUTRAL CURRENTS, CP VIOLATION AND IMPLICATIONS FOR SOME RARE DECAYS IN A SU(4) x U(1) EXTENSION OF THE STANDARD MODEL, <i>Phys. Rev D</i> <b>84</b> , 115001 (2011)	1.64183	1	1	1
	2.	S. Villada and L. A. Sanchez, PHENOMENOLOGY OF A THREE-FAMILY MODELS WITH GAUGE SYMMETRY SU(3) x SU(4) x U(1), <i>J. Phys. G</i> <b>36</b> , 115002 (2009), IOP.	1.00000	1	1	1
VI	<b>Adrian Palcu:</b> NEUTRINO MASS SQUARED DIFFERENCES IN THE EXACT SOLUTION OF A 3-3-1 GAUGE MODEL WITHOUT EXOTIC ELECTRIC CHARGES - <i>Modern Physics Letters A</i> <b>21</b> , pp. 2027 - 2042 (2006), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).					
	1.	F. Ramirez-Zavaleta, G. Tavares-Velasco and J. J. Toscano, BILEPTON EFFECTS ON THE WWV VERTEX IN THE 331 MODEL WITH RIGHT-HANDED NEUTRINOS VIA A SU(2)XU(1) COVARIANT QUANTIZATION SCHEME, <i>Physical Review D</i> <b>75</b> , 075008 (2007), American Physical Society.	1.64183	1	1	1
VII	<b>Adrian Palcu:</b> THE EXACT EIGENSTATES OF THE NEUTRINO MASS MATRIX WITHOUT CP-PHASE VIOLATION - <i>Modern Physics Letters A</i> <b>22</b> , pp. 1459- 1467 (2007), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).					
	1.	Y. - B. Liu and X. - L. Wang, EXTRA NEUTRAL GAUGE BOSON FROM THE 3-3-1 MODEL AND THE SPIN CORRECTION OF TOP QUARK PAIR PRODUCTION AT THE ILC, <i>Modern Physics Letters A</i> <b>24</b> , 1307 (2009), World Scientific.	0.55830	1	1	1
VIII	<b>Adrian Palcu:</b> CHARGED AND NEUTRAL CURRENTS IN A 3-3-1 MODEL WITH RIGHT-HANDED NEUTRINOS - <i>Modern Physics Letters A</i> <b>23</b> , pp. 387 - 399 (2008), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).					
	1.	Y. - B. Liu and X. - L. Wang, EXTRA NEUTRAL GAUGE BOSON FROM THE 3-3-1 MODEL AND THE SPIN CORRECTION OF TOP QUARK PAIR PRODUCTION AT THE ILC, <i>Modern Physics</i>	0.55830	1	1	1

		<i>Letters A 24</i> , 1307 (2009), World Scientific.				
IX		Ion I. Cotăescu and <b>Adrian Palcu</b> : CHARGES AND MASS SPECTRUM IN THE PISANO-PLEITEZ-FRAMPTON 3-3-1 GAUGE MODEL - <i>Modern Physics Letters A 23</i> , pp.1011 - 1030 (2008), World Scientific. (Print ISSN: 0217 - 7323, Online ISSN: 1793 - 6632).				
	1.	J. M. Cabarcas, D. Gomez Dumm and R. Martinez, FLAVOR CHANGING NEUTRAL CURRENTS IN 331 MODELS, <i>J. Phys. G 37</i> , 045001 (2010), IOP.	1.00000	2	2	0.5
					C=	20.5

C > 20

CRITERIU ÎNDEPLINIT

