

Andreas Trautner

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Top-down anatomy of flavor symmetry breakdown. Physical Review D, 2022, 105, .	4.7	12
2	Simultaneous block diagonalization of matrices of finite order. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 085203.	2.1	4
3	A fully basis invariant symmetry map of the 2HDM. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
4	Unified emergence of energy scales and cosmic inflation. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
5	Orbifolds from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal"} \rangle \text{Sp} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} 4 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 577} \rangle$ modular symmetries. Nuclear Physics B, 2021, 971, 115534.	4.7	10
6	Neutrino Self-Interactions and XENON1T Electron Recoil Excess. Physical Review Letters, 2020, 125, 161802.	7.8	47
7	On the systematic construction of basis invariants. Journal of Physics: Conference Series, 2020, 1586, 012005.	0.4	7
8	The Hubble tension and a renormalizable model of gauged neutrino self-interactions. Physical Review D, 2020, 102, .	4.7	37
9	Complete vectorlike fourth family with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{U} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 402 Td (stretchy="false"} \rangle$	4.7	26
10	Asymmetric tri-bi-maximal mixing and residual symmetries. Modern Physics Letters A, 2020, 35, 2050292.	1.2	2
11	Unification of flavor, $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{CP} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$, and modular symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 7-14.	4.1	119
12	Beyond basis invariants. European Physical Journal C, 2019, 79, 1.	3.9	10
13	Complete vectorlike fourth family and new $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{U} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 242 Td (stretchy="false"} \rangle$	4.7	46
14	A string theory of flavor and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{CP} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$. Nuclear Physics B, 2019, 947, 114737.	2.5	82
15	Systematic construction of basis invariants in the 2HDM. Journal of High Energy Physics, 2019, 2019, 1.	4.7	21
16	Basis-invariant conditions for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{C} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ symmetry of order four. Physical Review D, 2019, 99, .	4.7	9
17	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{CP} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ violation from string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 283-287.	4.1	19
18	Vectorlike chiral fourth family to explain muon anomalies. Physical Review D, 2018, 97, .	4.7	51

#	ARTICLE	IF	CITATIONS
19	Exploring extra dimensions through inflationary tensor modes. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
20	Massive Fermi gas in the expanding universe. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 019-019.	5.4	3
21	C P \mathcal{C} \mathcal{P} violation with an unbroken C P \mathcal{C} \mathcal{P} transformation. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
22	CP as a Symmetry of Symmetries. Journal of Physics: Conference Series, 2017, 873, 012037.	0.4	2
23	Anomaly-safe discrete groups. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 22-26.	4.1	11
24	Nonthermal cosmic neutrino background. Physical Review D, 2015, 92, .	4.7	19
25	Symmetries of symmetries and geometrical CP violation. Nuclear Physics B, 2015, 894, 136-160.	2.5	20
26	CP violation from finite groups. Nuclear Physics B, 2014, 883, 267-305.	2.5	126
27	Non-Abelian discrete R symmetries. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
28	The bound β -decay of the free neutron. , 2012, , .		0
29	Neutron Bound β^2 -Decay-BOB. Physics Procedia, 2011, 17, 191-198.	1.2	0