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... Phys. Lett. 187B (1987) 278. M. R. Douglas and B. Grinstein, Phys.Lett. 183B (1987) 52; N. Marcus, A. Sagnotti, Phys.Lett. 188B (1987) 58. A. Sen, JHEP 9806 (1998) 007, hep-th/9803194. A. Sen, JHEP 9808 (1998) ...

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...al Supergravities," Nucl. Phys. B 276, 71 (1986). D. S. Park and W. Taylor, to appear A. Sagnotti, "A Note on the Green-Schwarz mechanism in open string theories," Phys. Lett. B 294, 196 (1992) arXiv:hepth/9210127. V. Sadov, "Generalized Green-Schwarz mechanis...

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```

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Further relationships between several Ramanujan's mathematics parameters, some equations concerning the $\mathrm{SO}\left(2^{\wedge} 13\right)$ group in Bosonic String Theory, various parameters regarding Particle Physics, $\phi$ and $\zeta(2)$
by Michele Nardelli

In this paper (part XI), we describe and analyze further new relationships between some Ramanujan's mathema... more $\quad$.
...ers-Ramanujan continued fractions is 0.97798855285 , value very near to the $\psi$ Regge slope 0.979:From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March $\left.27 \mathrm{M}^{\wedge} 2\right) / 3 \star[1$-(b/euler nu...

Mathematical connections between various formulas of "Ultraviolet Behavior of Einstein Gravity", "One-loop divergences of quantized Kaluza-Klein-Jordan-Thiry theory", Supersymmetry and some Ramanujan's equations revisited. II by Michele Nardelli

In this revisited research thesis, we describe the mathematical connections between various formulas of "Ultra... more $v$
...rmale Superiore (Pisa - Italy) for his very useful explanations and his availability 168 References THE ULTRAVIOLET BEHAVIOR OF EINSTEIN GRAVITY One-loop divergences of quantized Kaluza-Klein-JordanThiry theory G. ESPOSITO-FARESE - Centre de P...

# Mathematical connections between various formulas of "One-loop divergences of quantized Kaluza-Klein-Jordan-Thiry theory", Supersymmetry and some Ramanujan's equations revisited 

by Michele Nardelli
In this revisited research thesis, we describe the mathematical connections between various formulas of "One-l... more v
...ers-Ramanujan continued fractions is 0.97798855285 , value very near to the $\psi$ Regge slope 0.979:From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March $27 \mathrm{M}^{\wedge} 2$ )/3*[1-(b/euler nu...

# Teoria dei Numeri e Teoria di Stringa, ulteriori connessioni: Congettura (Teorema) di Polignac, Teorema di Goldston-Yldirim e relazioni con Goldbach e Numeri Primi Gemelli 

by Michele Nardelli
The purpose of this work is to highlight the further connections obtained between some sectors of Number Th... more v

[^3]
# On the possible development of the Einstein's field equations. Mathematical connections with some topics concerning the Measure Theory, the Number Theory and some sectors of String Theory 

by Michele Nardelli
In this research thesis we describe some possible development of the Einstein's field equations We describe th... more v
...ers-Ramanujan continued fractions is 0.97798855285 , value very near to the $\psi$ Regge slope 0.979:From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March 27 Series representation...

On the study of various Ramanujan's equations of the "Ramanujan's first letter to Hardy". Mathematical connections with some topics of Supersymmetry Breaking by Michele Nardelli In this research thesis, we analyze various Ramanujan's equations of the "Ramanujan's first letter to Hardy". We ... more v ... $7352243=\boldsymbol{\phi}$ and to the value of the following Rogers-Ramanujan continued fraction: 122 From AdS Vacua from Dilaton Tadpoles and Form Fluxes - J. Mourad and A. Sagnotti - arXiv:1612.08566v2 [hep-th] 22 Feb 2017 - March 27, 2018 We have: For...

On some equations concerning the "Discrete Gravity". New possible mathematical connections with various sectors of Number Theory and String Theory
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...lanations and his availability 91 References On the Zeros of the Davenport Heilbronn Function S. $\boldsymbol{\pi}$ An Update on Brane Supersymmetry Breaking J. Mourad and A. Sagnotti - arXiv:1711.11494v1 [hep-th] 30 Nov 2017 Properties of Nilpotent Supergr...
mathematical connections with various sectors of Number Theory, Supersymmetric Standard Model and Supersymmetry Breaking. II
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In this research thesis, (part II) we analyze several equations concerning the "Born-Infeld actions". We describe ... more v
... A. Karatsuba, "On the zeros of arithmetic Dirichlet series without Euler product," Izv. We have: Two-field Born-Infeld with diverse dualities S. We have that: $a=2, \beta=0, \gamma=1 / 8((2 s q r t(a)+1 / 8 * a)) /((s q r t(a) *$ For: $x$ $=f=-7.93 .$.

## On some Ramanujan's equations: Mathematical connections with some expressions and results regarding Brane Supersymmetry Breaking revisited

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In this revisited research thesis, we analyze several Ramanujan's equations. We obtain possible mathematical c... more v
...n value .= and to the value of the following Rogers-Ramanujan continued fraction:FromMarch 27, 2018 AdS Vacua from Dilaton Tadpoles and Form Fluxes J.Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] $\left.M^{\wedge} 2\right) / 3 *[1$-(b/euler number * k/sqrt6) * ( $\varphi$-s...

On some results of Hyperbolic Equations and the possible mathematical connections with some sectors of String Theory and some Ramanujan's expressions
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In this research thesis, we describe some results concerning the Hyperbolic Equations and the possible mathe... more v
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[^4]Theorems on cubic equations and higher than third degree: applications of the Caccioppoli-Grablovitz method. Mathematical connections with various parameters of Number Theory and some sectors of String Theory revisited by Michele Nardelli In this updated research thesis we describe several equations concerning the theorems on cubic equations and... more $v$ ... to the dilaton value . = and to the value of the following Rogers-Ramanujan continued fraction:From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March 27e^(0.989117352243/2)) ...

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... value .= and to the value of the following Rogers-Ramanujan continued fraction:From March 27, 2018 AdS Vacua from Dilaton Tadpoles and Form Fluxes J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] .. result very near to the 14th root of the ...

Thesis on the "Theory of Physical Universes" by L. Fantappiè. Mathematical connections with some parameters of Number Theory and some sectors of String Theory
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On the study of some types of integral and on several possible applications of the Cubic Equation to String Theory (type IIB and Heterotic). Mathematical connections between some parameters of Number Theory and various topics of Supersymmetry Breaking
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...7352243 = $\boldsymbol{\phi}$ and to the value of the following Rogers-Ramanujan continued fraction: 82 From AdS Vacua from Dilaton Tadpoles and Form Fluxes - J. Mourad and A. Sagnotti - arXiv:1612.08566v2 [hep-th] 22 Feb 2017 - March 27, 2018 We have: For...

On the analysis of several equations concerning the Statistical Physics and various parameters of Number Theory. New possible mathematical connections with

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... - 2 sqrt(5)) - 2 )/(2 (sqrt(5) - 1))) 80 Series representations 81 Integral representation 82 From: An Update on Brane Supersymmetry Breaking J. Mourad and A. Sagnotti - arXiv:1711.11494v1 [hep-th] 30 Nov 2017 From the following vacuum equat...

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... $2=10$ ) for fermionic strings. 173 References On the Zeros of the Davenport Heilbronn Function S. TwoField Born-Infeld with Diverse Dualities S. Ferrara, A. Sagnotti and A. Yeranyan - CERN-PH-TH/2016-017 $\pi$ $174175 / 2((77 / \operatorname{sqrt}((() \sqrt{ }(10-2 \sqrt{ } 5)-\ldots$

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On the analysis of several equations concerning the Fermi's Nuclear Physics, Soliton solutions and some sectors of String Theory. New possible mathematical connections with various sectors of Number Theory. III
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# Summary of a Theory of Mathematical Connections between Ramanujan's formulas of Modular Equations and Approximations to $\pi$ and the equations of Inflationary Cosmology concerning the scalar field $\boldsymbol{\phi}$, the Inflaton mass, the Higgs boson mass and the Pion meson $\boldsymbol{\pi} \pm$ mass 

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by Michele Nardelli
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This revisited work is a summary of a possible Theory of Mathematical Connections between Ramanujan's for... more v
...o the dilaton value . = and to the value of the following Rogers-Ramanujan continued fraction: From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March 27e^(0.989117352243/2)) ...

On the analysis of some equations concerning $\mathrm{N}=5$ Supergravity at Four Loops revisited. Possible mathematical connections with various parameters of Ramanujan formulas. II
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In this revisited research thesis (part II), we have analyzed some equations concerning $\mathrm{N}=5$ Supergravity at Fo... more
...alue . = and to the value of the following Rogers-Ramanujan continued fraction: From March 27, 2018 AdS Vacua from Dilaton Tadpoles and Form Fluxes J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 $\left.\left.{ }^{\wedge} 2^{\star} \mathrm{e}^{\wedge}(2 \star 0.989117352243)\right)\right)+5^{*} 16 /(\mathrm{Pi})^{\wedge} 2^{\star} \mathrm{e}^{\wedge}(\ldots$

On the possible mathematical connections between some equations of certain Dirichlet series, some equations of D-Branes and Ramanujan formula that link $\pi$, e and the Golden Ratio revisited
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[^5]Feb 2017 We have: For $\xi=1$ we obtain: (...

On some equations concerning the "generic off-diagonal and diagonal cosmological solutions for effective Einstein equations in modified gravity theories" and some sectors of String Theory revisited. New possible mathematical solutions by the formula $((\sqrt{ }(10-2 \sqrt{ } 5)-2))((\sqrt{ } 5-1))=\kappa$
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Further equations related to Karatsuba's study of Riemann's zeta function revisited. Possible mathematical connections and applications to the some sectors of String Theory, String Cosmology and Ramanujan Mathematics
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On the analysis of several equations concerning the Fermi's Nuclear Physics, NS5brane, Instanton/Soliton solutions and some sectors of String Theory. New possible mathematical connections with various sectors of Number Theory. II by Michele Nardelli

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[^6]
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On the analysis of some equations concerning String Theory revisited: mathematical connections with some parameters of Particle Physics and some sectors of Number Theory
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In this revisited research thesis, we analyze some equations concerning Strings Theory. We describe the mathe... more v
...rmale Superiore (Pisa - Italy) for his very useful explanations and his availability 134 References On tadpoles and vacuum redefinitions in String Theory E. $\boldsymbol{\pi}$ March 27, 2018135 We note that the result $-1.1055057810 \ldots$... is very near to the value of Cosmo...

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... to the dilaton value .= and to the value of the following Rogers-Ramanujan continued fraction:From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March 27.. result very near to...

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On the analysis of some solutions of the Riccati Equations revisited. Mathematical connections with Ramanujan formulas and various equations concerning several topics of String Theory, in particular the repulsive forces between extremal branes. IV
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## On various equations concerning the "Theory of Heat Radiation" revisited. New mathematical connections with some sectors of String Theory and Number Theory

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...to the dilaton value . = and to the value of the following Rogers-Ramanujan continued fraction:From AdS
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Feb 2017 -March 27.. result very near to...
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## On the analysis of several equations concerning the Fermi's Nuclear Physics, ultra-relativistic gravitational scattering and some sectors of String Theory. New possible mathematical connections with various sectors of Number Theory

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# On some mathematical connections between the Cyclic Universe, Inflationary Universe, p-adic Inflation, p-adic cosmology and various sectors of Number Theory 

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...7352243 = $\boldsymbol{\phi}$ and to the value of the following Rogers-Ramanujan continued fraction: 35 From AdS Vacua from Dilaton Tadpoles and Form Fluxes - J. Mourad and A. Sagnotti - arXiv:1612.08566v2 [hep-th] 22 Feb 2017 - March 27, 2018 We have: For...

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Stringy instanton corrections to $\$ \backslash$ mathcal $\{\mathrm{N}\}=2 \$$ gauge couplings
by Jose Antonio Sanchez Morales
...ic worldsheet Instantons, JHEP 02 (2008) 073, arXiv:0712.1895 [hep-th]. M. Bianchi and A. Sagnotti, Twist symmetry and open string Wilson lines, Nucl. Phys. B361 (1991) 519-538. E. G. Gimon and J. Polchinski, Consistency Conditions for Orienti...

On some equations concerning the Casimir Effect Between World-Branes in Heterotic M-Theory and the Casimir effect in spaces with nontrivial topology.

Mathematical connections with some sectors of Number Theory
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$\left.M^{\wedge} 2\right) / 3 *[1-(b /$ euler number * $k /$ sqrt6) * $(\varphi \ldots$

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[^7]On some equations concerning the Bouncing Cosmology in $f(Q)$ Symmetric Teleparallel Gravity revisited. Possible mathematical connections with various Ramanujan modular equations and some sectors of String Theory by Michele Nardelli

In this revisited research thesis, we describe various equations concerning the Bouncing Cosmology in $f(Q)$ Sy... more v
... value . = and to the value of the following Rogers-Ramanujan continued fraction:FromMarch 27, 2018 AdS Vacua from Dilaton Tadpoles and Form Fluxes J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] $\left.e^{\wedge}(0.989117352243 / 2)\right) /(1+\operatorname{sqrt}(((1-1 / 3 * 16 /(\ldots$

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... with a Cosmological Constant, Nucl. Phys. B 170 (1980) 480 [INSPIRE]. M.H. Goroff and A. Sagnotti, The Ultraviolet Behavior of Einstein Gravity, Nucl. Phys. B 266 (1986) 709 [INSPIRE]. S. Hossenfelder, Minimal Length Scale Scenarios for Quantu...

On the analysis of several equations concerning the "Orientifolds", $\beta$-decay theory and Supersymmetry Breaking. New possible mathematical connections with various sectors of Number Theory
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On various equations concerning the "Brane Cosmology", $\beta$-decay theory and Supersymmetry Breaking. New possible mathematical connections with various parameters of Number Theory II
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... to the dilaton value . = and to the value of the following Rogers-Ramanujan continued fraction:From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March 27.. result very near to...

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..., Boundary conformal field theory, arXiv:hep-th/0411189. G. Pradisi, A. Sagnotti and Ya. S. Stanev, The open descendants of non-diagonal SU(2) WZW models, Phys. Lett. B 356, 230 (1995), doi:10.1016/0370-2693(95)00840-H. G. Pradisi, A. Sagnotti and Ya. S...

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...branes and the Standard Model Nucl. Phys. B 660 81-115 (arXiv:hep-th/0210263) [280] Sagnotti A 1992 A note on the Green-Schwarz mechanism in open string theories Phys. Lett. B 294 196-203 (arXiv:hepth/9210127) [281] Ibanez L E, Rabadan R and Uranga A M 1999 An...

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...imento 2A ( 1971 ) 321: V. Alessandrini and D. Amati, Nuovo Cimento 4A ( 1971 ) 793. M. Bianchi and A. Sagnotti, Phys. Left. B 21 I ( 1988 ) 411. M. Bianchi and A. Sagnotli, Phys. Left. B 231 (1989) 389. J.E. Pa...

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...t. B 724 (2013) 322 [arXiv:1302.0866] [INSPIRE]. E. Dudas, S. Ferrara, A. Kehagias and A. Sagnotti,

Properties of nilpotent supergravity, JHEP 09 (2015) 217 [arXiv:1507.07842] [INSPIRE]. S. Kachru, R. Kallosh, A.D. Linde and S.P. Trived...

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```
...s. }271\mathrm{ (2007) 723 [hep-th/0606198] [INSPIRE]. A. Campoleoni, D. Francia, J. Mourad and A. Sagnotti,
Unconstrained higher spins of mixed symmetry II. Fermi fields, Nucl. Phys. B }828\mathrm{ (2010) 405
[arXiv:0904.4447] [INSPIRE]. E.D. Skvortsov, Mixed-symmetry massless ...
```


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by Fernando Ruiz
...is, C. Bachas, J. Ellis and D. Nanopoulos, Phys. Lett. B211 (1988) 393 I. Antoniadis, C. Bachas and A. Sagnotti, Phys. Lett. B235 (1990) 255 BR. Greene, A. Shapere, C. Vafa and ST. Yau, preprint HUTP-89/A047, IA...

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...generalized dimensional reduction," arXiv:hep-th/0407105. S. Ferrara, R. Minasian and A. Sagnotti, "LowEnergy Analysis of M and F Theories on Calabi-Yau Threefolds," Nucl. Phys. B 474323 (1996). H. Nishino and E. Sezgin, "New couplings of six-dimensional supergr...

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```
...al Supergravities," Nucl. Phys. B 276, }71\mathrm{ (1986). D. S. Park and W. Taylor, to appear A. Sagnotti, "A Note on
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```

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...6). W. Fischler and L.Susskind, Phys. Lett. B173 262 (1986). E. Dudas, G. Pradisi, M. Nicolosi and A. Sagnotti, Nucl. Phys. B708 3 (2005). A. Font and A. Hernández, Nucl. Phys. B634 51 (2002). A. Sagnotti, hep-...

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...) 262. S. R. Das and S. J. Rey, Phys. Lett. B 186 (1987) 328. E. Dudas, G. Pradisi, M. Nicolosi and A. Sagnotti, Nucl. Phys. B 708 (2005) 3 [arXiv:hep-th/0410101]. M. R. Douglas and G. W. Moore, arXiv:hepth/960...

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...les, Nu I. Phys. B480 (1996) 265\{278, hep-th/9606139 . [55£ C. Angelantonj, M. Bian hi, G. Pradisi, A. Sagnotti, and Y. S. Stanev, \Chiral asymmetry in four-dimensional open- string va ua, Phys. Lett. B385 (1996...

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> ...5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] $10[16][17][18][19][20][21][22][23][24] 11$ Sagnotti A. Tsulaia M. // Nucl. Phys. B. 2004. V. 682. P. 83-116. [hep-th/0311257]. Vasiliev M.// Fortsch. Phy...

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... 63. P. Binetruy, C. Deffayet, E. Dudas and P. Ramond, hep-th/9807079, Phys. Lett. B441 (1998) 163. A. Sagnotti, hep-th/9210127, Phys. Lett. B294 (1992) 196. L. E. Ibáñez, R. Rabadán and A. M. Uranga, hepth/980...

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... 530 (1998) 401. H. Kawai, D,C. Lewellyn and S.-H.H. Tye, Nucl. Phys. B269 (1986) 1. M.H. Goroff and A. Sagnotti, Nucl. Phys. B266 (1986) 709; A.E.M. van de Ven, Nucl. Phys. B378 (1992) 309. S. Deser, J. H. Kay a...

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...hys. Lett. B 123 (1983) 328. P.S. Howe and K.S. Stelle, Phys. Lett. B 137 (1984) 175; N. Marcus and A. Sagnotti, Phys. Lett. B 135 (1984) 85; Nucl. Phys. B256 (1985) 77. J. Honerkamp, Nucl. Phys. B36 (1972) 130;...

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...9]; C. A. Scrucca and M. Serone, JHEP 0110 (2001) 017 [hep-th/0107159]. I. Antoniadis, E. Dudas and A. Sagnotti, Nucl. Phys. B 544 (1999) 469 [hep-th/9807011]; I. Antoniadis, G. D'Appollonio, E. Dudas and A. Sag...

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...I relativity (ed. J. Eisenstaedt and A. J. Knox), pp. 367-82. Birkhäuser, Boston. Goroff, M. H. and Sagnotti, A. (1985). Quantum gravity at two loops. Phys. Lett. B, 160, 81-6. Gousheh, S. S. and Sepangi, H. R. ...

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by João Rodrigues
...003) [arXiv:hep-th/0309222]. H. J. Schnitzer, Nucl. Phys. B 695, 283 (2004) [arXiv:hep-th/0310210]. A. Sagnotti and M. Tsulaia, Nucl. Phys. B 682, 83 (2004) [arXiv:hep-th/0311257]. D. Sorokin, AIP Conf. Proc. 76...

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...Kors and D. Lust, JHEP 0010 (2000) 006, hep-th/0007024. C. Angelantonj, I. Antoniadis, E. Dudas and A. Sagnotti, Phys. Lett. B 489 (2000) 223, hep-th/0007090. G. Aldazabal, S. Franco, L. E. Ibanez, R. Rabadan, a...

## HIGHLY CITED

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...5, hep-th/9601143. A.A. Belavin, A.M. Polyakov and A.B. Zamolodchikov, Nucl. Phys. B241 (1984) 333. A. Sagnotti in Non-Perturbative Quantum Field Theory, e d sG .M a c ke ta I . (Pergamon Press, 1988) 521; N. Ish...

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...805019. A. Sen, JHEP 9810 (1998) 021, hep-th/9809111. A. Sen, JHEP 9812 (1998) 021, hep-th/9812031.
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...eory and noncommutative geometry, JHEP 09 (1999) 032 [hep-th/9908142] [INSPIRE]. C. Angelantonj and A. Sagnotti, Open strings, Phys. Rept. 371 (2002) 1 [Erratum ibid. 376 (2003) 407] [hep-th/0204089] [INSPIRE]. ...

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...ett. A4 (1989) 161; L. Clavelli, P. Cox and B. Harms, Phys. Rev. Lett. 61(1988) 787; G. Pradisi and A. Sagnotti, Phys. Lett. B216 (1989) 59; M. Bianchi and A. Sagnotti, Phys. Lett. B247 (1990) 517 D.C.
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...tten, Nucl. Phys. B 460, 525 (1996) [arXiv:hep-th/9510169]. C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti and Ya.S. Stanev, Phys. Lett. B 385 (1996) 96. M. Berkooz and R.G. Leigh, Nucl. Phys. B 483 (1997)

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```
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```


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```
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... 9 (1981); L.F Abbott, M.T. Grisaru and R.K. Schaeffer, Nucl. Phys. B229:372 (1983). M.H. Goroff and A. Sagnotti, Phys. Lett. 160B:81(1985), Nucl. Phys. B266:709 (1986). A.E.M. van de Ven, Nucl. Phys. B378:309 (1...

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```
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```

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```
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.... Arkani-Hamed, T. Gregoire and J. Wacker, JHEP 0203, 055 (2002) [arXiv:hep-th/0101233]. N. Marcus, A. Sagnotti and W. Siegel, Nucl. Phys. B224, 159 (1983). K. Higashijima and M. Nitta, Prog. Theor. Phys. 103, 8...

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```
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```

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```
... [20] [21] [22] [23] [24] [25] [26] [27] 12 E. Witten, Nucl. Phys. B443 (1995) }85\mathrm{ [hep-th/9503124]. A. Sagnotti,
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```


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by Don Page
.... G. W. Gibbons, S. W. Hawking, and M. J. Perry, Nucl. Phys. B138, 141-154 (1978). M. H. Goroff and A. Sagnotti, Nucl. Phys. B266, 709-744 (1986). S. Deser, hep-th/9905017; Annalen Phys. 9, 299-307 (2000), grqc...

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...tanev, "Planar duality in SU(2) WZW models," Phys. Lett. B 354, 279 (1995) [arXiv:hep-th/9503207]. "Completeness Conditions for Boundary Operators in 2D Conformal Field Theory," Phys. Lett. B 381, 97 (1996) [arXiv:hep-th/9603097]. M. R. Douglas, "Lectures on D-branes on Cala...

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```

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[^38]...heory, Nucl. Phys. B 708 (2005) 3 [hep-th/0410101] [INSPIRE]. N. Marcus, A. Sagnotti and W. Siegel, Tendimensional Supersymmetric Yang-Mills Theory in Terms of Four-dimensional Superfields, Nucl. Phys. B 224 (1983) 159 [INSPIRE]. N. Arkani-Hamed, T. Gregoire and J.G. Wacker, Higher dimen...

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arXiv:1404.453...
```

[^39]...nia furfuracea. Atmos. Environ. 2015, 113, 255-263. [CrossRef] Paoli, L.; Winkler, A.; Guttová, A.; Sagnotti, A.; Grassi, A.; Lackovičová, A.; Senko, D.; Loppi, S. Magnetic properties and element concentrations ...

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```
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```

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...ty," Nucl. Phys. B 505 (1997) 497 [arXiv:hep-th/9703075]. S. Ferrara, F. Riccioni and A. Sagnotti, "Tensor and vector multiplets in six- dimensional supergravity," Nucl. Phys. B 519 (1998) 115 [arXiv:hepth/9711059]. F. Riccioni, "All couplings of minimal six-d...

## HIGHLY CITED

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...9809124. I. Antoniadis and C. Bachas, hep-th/9812093. For a partial list, see, e.g., G. Pradisi and A. Sagnotti, Phys. Lett. B216 (1989) 59; M. Bianchi and A. Sagnotti, Phys. Lett. B247 (1990) 517; Nucl. Phys. B...

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...osh, JHEP 1405, 114 (2014) [arXiv:1403.2932 [hep-th]]. [23] I. Antoniadis, E. Dudas, S. Ferrara and A.
Sagnotti, Phys. Lett. B 733, 32 (2014) [arXiv:1403.3269 [hep-th]]. [24] C. Pallis, JCAP 1404, 024 (2014) [ar...

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... ratio, JCAP 0801 (2008) 002, [astro-ph/0701783]. E. Dudas, N. Kitazawa, S. Patil, and A. Sagnotti, CMB Imprints of a Pre-Inflationary Climbing Phase, JCAP 1205 (2012) 012, [arXiv:1202.6630]. A. Y.
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... and F. Quevedo, Nucl. Phys. B 301, 157 (1988). E. Kiritsis, Princeton, USA: Univ. Pr. (2007) 588 p A.
Sagnotti, arXiv:hep-th/0208020. For a review see e.g. C. Angelantonj and A. Sagnotti, Phys. Rept. 371, 1
(20...

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[^41]Sagnotti, in Non Perturbative Quantum Field Theory, ed. G. Mack et al. (Pergamon, New York, 1988) 521; M. Bi...

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Berkovits, M. Bershadsky, T. Hauer, S. Zhukov and B. Z...

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...Green, "Space-Time Duality And Dirichlet String Theory," Phys. Lett. B266 (1991) 325. A. Sagnotti, "Open Strings And Their Symmetry Groups," in Cargese '87, "Nonper- turbative Quantum Field Theory," ed. G. Mack et. al. (Pergamon Press, 19...

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## HIGHLY CITED

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...n strings, Phys. Lett. B321 (1994) 349-354, hep-th/9311183. G. Pradisi, A. Sagnotti, Ya. S. Stanev, Planar duality in SU(2) WZW models Phys. Lett. B354 (1995) 279-286, hep-th/9503207. The open descendants of nondiagonal SU(2) WZW mode...

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```
...p-th/9909108, hep-th/9909120. C. Angelantonj, I. Antoniadis, G. D'Apollonio, E. Dudas, A. Sagnotti, Type I
vacua with brane supersymmetry breaking, hep-th/9911081. M. Klein, R. Rabadan, in preparation. I. R.
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```


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...) 2076. Not. R. Astron. Soc. 451 (2015) 2978. Sagnotti, Int. J. Mod. Phys. D 24 (2015) 1544008. and A. Sagnotti, Phys. Dark Astropart. Phys. 5 N. Kitazawa and A. Sagnotti, J. Cosmol. Astropart. Phys. 4 (2014) 17...

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```
..., see, J. Erler and G. Shiu, Phys. Lett. B 521, }114\mathrm{ (2001). C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti
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```


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... of the BRST formulation," Int.J.Mod.Phys. A24 (2009) 1-60, 0805.1346. A. Sagnotti and M. Taronna, "String Lessons for Higher-Spin Interactions," Nucl.Phys. B842 (2011) 299-361, 1006.5242. X. Bekaert, N. Boulanger, and P. Sundell, "How higher-...

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This mention was found in a paper hosted outside of Academia.edu
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## HIGHLY CITED

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```
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```

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```

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[40] G. Bonelli, On the boundary gauge dual of c...
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Sagnotti, Phys. Lett. B294 (1992) 196; M.R. Douglas and G. Moore, hep- th/9603167. [5] G. Aldazabal, A. Fo...
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...ting Polyakov string. Nuclear Physics, B283, 551. 356 References Marcus, N., \& Sagnotti, A. (1982). Treelevel constraints on gauge groups for type I superstrings. Physics Letters, B119, 97. Martinec, E. (1987). Conformal field theory on a (super-)Riemann surface...

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```
...B 255 (1985) 93. [42] N. Seiberg and E. Witten, Nucl. Phys. B }471\mathrm{ (1996) 121, hep-th/9603003. [43] A.
Sagnotti, Phys. Lett. B 294 (1992) 196, hep-th/9210127. [44] P. Candelas and A. Font, hep-th/9603170. [45]
G...
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[^52]The aim of this paper is to show the mathematical connections between some Ramanujan's functions and som... more v
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```
...E. Dudas and C. Grojean, Nucl. Phys. B507 (1997) }553\mathrm{ [hep-th/9704177]; I. Antoniadis, E. Dudas and A.
Sagnotti, Nucl. Phys. B544 (1999) }469\mathrm{ [hep-th/9807011]. [8] A. Delgado and M. Quir'os, Nucl. Phys. B607
(200...
```


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```
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...tor model, Phys. Lett. B 550 (2002) 213 [hep-th/0210114] [SPIRES]. [23] D. Francia and A. Sagnotti, On the geometry of higher-spin gauge fields, Class. Quant. Grav. 20 (2003) S473 [hep-th/0212185] [SPIRES];
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```
...503128. C. Iazeolla and M. A. Vasiliev, [8] C. Iazeolla, arXiv:0807.0406. [9] D. Francia and A. Sagnotti, Class. Quant. Grav. 20, S473 (2003). [10] D. Sorokin, AIP Conf. Proc. 767, 172 (2005). [11] N. Bou...
```

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...ep-ph/9903417]. [3] C. Bachas, hep-th/9503030. 35 [4] C. Angelantonj, I. Antoniadis, E. Dudas and A. Sagnotti, Phys. Lett. B 489 (2000) 223 [hep-th/0007090]. [5] R. Blumenhagen, L. Goerlich, B. Kors and D. Lus...

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...Lett. B373 (1996) 299-305, [hep-ph/9511470]. [69] E. Dudas, N. Kitazawa, S. Patil, and A. Sagnotti, CMB Imprints of a Pre-Inflationary Climbing Phase, JCAP 1205 (2012) 012, [arXiv:1202.6630]. [70] E. Pajer, Inflation at the Tip, JCAP 0804 (2008) 031, [arXiv:0802.2916]. [...

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...); P. Horava, Phys. Lett. B231, 251 (1989); P. Horava, Nucl. Phys. B327, 461 (1989); G. Pradisi and A.
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## HIGHLY CITED

Heterotic strings in a uniform magnetic field
... and R. Rohm, Nucl. Phys. B256 (1985) 253; Nucl. Phys. B267 (1985) 75. I. Antoniadis, C. Bachas and A. Sagnotti, Phys. Lett. B235 (1990) 255; J. Harvey and J. Liu, Phys. Lett. B268 (1991) 40; R. Khuri, Phys. Let...

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```
...X. Bekaert, N. Boulanger and S. Leclercq, J. Phys. A 43, }185401\mathrm{ (2010) [arXiv:1002.0289 [hep-th]]. A.
Sagnotti and M. Taronna, Nucl. Phys. B 842, }299\mathrm{ (2011) [arXiv:1006.5242 [hep-th]]. R. Manvelyan, K.
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```

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[^58]Sagnotti, Nucl. Phys. B 773, 203 (2007) [hep-th/0701163]. A. Fotopoulos and M. Tsulaia, JHEP 0910, 050 (2009...

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```
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```

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...R. E. Behrend and P. A. Pearce, hep-th/0006094, J. Stat. Phys. 102 (2001) 577. 32 [4] G. Pradisi, A. Sagnotti and Y. S. Stanev , hep-th/9503207, Phys. Lett.(1995) B354:279-286; hep-th/9506014, Phys. Lett. (199...

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Sagnotti, Open strings, arXiv:hep-th...

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[23] A. Sagnotti, M. Tsulaia, Nucl. Phys. B, 682:1 (2004), 83-116, arXiv: hep-th/0311257; K. B. Alkalaev, M. Grigori...

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...he 23rd International Conference on High Energy Physics, Berkeley, CA, July 16-23, 1986, LBL-22080. The Ultraviolet Behavior of Einstein Gravity, A. Sagnotti and M. Goroff, Nucl. Phys. B266 (1986) 709, LBL-19995. String Field Theory and Equati...

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```
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```
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...gh, Mod. Phys. Lett. A4 (1989) 2767; J. Polchinski, Phys. Rev. D50 (1994) 6041, hep-th/9407031. [5] A.
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.../9810535]; K. Benakli, Phys. Rev. D 60, 104002 (1999) [hep-ph/9809582]; I. Antoniadis, E. Dudas and A. Sagnotti, Phys. Lett. B 464, 38 (1999) [hep-th/9908023]. 28. S. Cullen and M. Perelstein, Phys. Rev. Lett. 8...

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```
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```


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```
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```

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..., hepth/9907047. [14] M. Green, J. Schwarz and P. West, Nucl. Phys. B254 (1985) 327; M. Bianchi and A. Sagnotti, Nucl. Phys. B361 (1991) 519. [15] M. Walton, Phys. Rev. D37 (1988) 377. [16] A. Sen, Phys. Rev. D5...

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...81). [159] P. van Nieuwenhuizen and J. Vermaseren, Phys. Lett. B65, 263 (1976). [160] N. Marcus and A. Sagnotti, Nucl. Phys. B256, 77 (1985); M. Goro and A. Sagnotti, Phys. Lett. B160, 81 (1985). [161] S. Deser...

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```
...47. M. Berkooz and R.G. Leigh, Nucl. Phys. B483 (1997) 187; C. Angelantonj, M. Bianchi, G. Pradisi, A.
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...lomeo, P. Di Vecchia, R. Guatieri, Nucl. Phys. B347 (1990) 651-686. [11] M. Bianchi, G. Pradisi and A. Sagnotti, Phys. Lett. B 273 (1991) 389. M. Bianchi and E. Trevigne, JHEP 0508, 034 (2005) [hepth/0502147]....

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```
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[14...
```


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...s, Brussels, Belgium, 12-14 May 2004, arXiv:hep-th/0409068. A. Sagnotti, E. Sezgin and P. Sundell, "On higher spins with a strong $\operatorname{Sp}(2, R)$ condition," Proc. I Solvay Workshop on Higher Spin Gauge Theories, Brussels, Belgium, 12-14 May 2004, arXiv:h...

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```
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10.1016/j.nuclphysb.2010.08.019. 15. A. Fotopoulos and M....

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...y," Phys. Lett. B 441, 123 (1998) [arXiv:hep-th/9807111]. S. Ferrara, R. Minasian and A. Sagnotti, "Lowenergy analysis of M and F theories on Calabi-Yau threefolds," Nucl. Phys. B 474, 323 (1996) [hepth/9604097]. F. Bonetti and T. W. Grimm, "Six-dimensional (1,0...

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...989) 2767. [8] P. Horava, Phys. Lett. B231 (1989) 251; M.B. Green, Phys. Lett. B266 (1991) 325. [9] A. Sagnotti, in Non-Perturbative Quantum Field Theory, eds. G. Mack et al. (Pergamon Press, 1988) 521; M. Bianc...

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```
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```

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```
..., 2767 (1989). J. Polchinski, Phys. Rev. Lett. 75, 4724 (1995) [hep-th/9510017]. C. Angelantonj and A.
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[3] S. Weinberg, in General Relativ...

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```
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```
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```

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```
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```


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...003136. 31) S. Sugimoto, Prog. Theor. Phys. 102 (1999), 685, hep-th/9905159. 32) C. Angelantonj and A. Sagnotti, Phys. Rep. 371 (2002), 1 [Errata; 376 (2003), 407], hep-th/0204089. 33) A. Sen, J. High Energy Phy...

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## This page intentionally left blank

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...ting Polyakov string. Nuclear Physics, B283, 551. 356 References Marcus, N., \& Sagnotti, A. (1982). Treelevel constraints on gauge groups for type I superstrings. Physics Letters, B119, 97. Martinec, E. (1987). Conformal field theory on a (super-)Riemann surface...

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Supersymmetric Born-Infeld from the Pure Spinor Formalism of the Open Superstring
...e Boundary States in the Pure Spinor Superstring", hep-th/0503123. [19] N. Marcus and A. Sagnotti, "Group Theory from Quarks at the Ends of Strings", Phys. Lett. B188 (1987) 58; - System", Phys. P. Kraus and F. Larsen, "Boundary String Field Theor...

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...) 4724 [hep-th/9510017]. J. Polchinski and E. Witten, Nucl. Phys. B460 (1996) 525 [hep-th/9510169]. A. Sagnotti, ROM2F-87/25 Talk presented at the Cargese Summer Institute on Non- Perturbative Methods in Field T...
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...372, 654 (1992). [7] J. L. Cardy and D. C. Lewellen, Phys. Lett. B 259, 274 (1991). [8] G. Pradisi, A. Sagnotti and Y. S. Stanev, Phys. Lett. B 381, 97 (1996) [hepth/9603097]. [9] J. Fuchs and C. Schweigert, Nuc...

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...recover the Fronsdal equations in the $\mathrm{k} \rightarrow 0$ limit. [17] N. Bouatta, G. Compere, and A. Sagnotti, "An Introduction to free higher-spin fields," (2004), arXiv:hep-th/0409068 [hep-th]. [18] X. Bekaert, S. Cnockaert, Carlo Iazeolla, and M.A. V...

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...-th]. Physics (Springer-Verlag, New York, 1997). [38] V. Kumar, D. R. Morrison, and W. Taylor, [19] A. Sagnotti, Phys. Lett. B294, 196 (1992), JHEP 02, 099 (2010), arXiv:0911.3393 [hep-th]. arXiv:hepth/9210127...

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...2010). [38] S. Downes and B. Dutta, Phys. Rev. D 87, 083518 (2013). [39] E. Dudas, N. Kitazawa, and A.
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..., Phys. Lett. B 160, 81 (1985), doi:10.1016/0370-2693(85)91470-4. [3] M. H. Goroff and A. Sagnotti, The ultraviolet behavior of Einstein gravity, Nucl. Phys. B 266, 709 (1986), doi:10.1016/0550-3213(86)90193-8. [4] A. E. M. van de Ven, Two-loop...

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[24] K. B. Alkalaev and M. Grigoriev, "Unified BR...
```


## This page intentionally left blank

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...ting Polyakov string. Nuclear Physics, B283, 551. 356 References Marcus, N., \& Sagnotti, A. (1982). Treelevel constraints on gauge groups for type I superstrings. Physics Letters, B119, 97. Martinec, E. (1987). Conformal field theory on a (super-)Riemann surfac...

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```
...a, Nucl. Phys. B }824\mathrm{ (2010) 333-364, [0907.0685[hep-th]]. G. Pradisi, A. Sagnotti and Ya.S. Stanev,
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97-104, [hep-th/9603097]. C. Stigner,...
```


## This page intentionally left blank

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...e, A. L. (1987). Einstein Manifolds. Berlin: Springer-Verlag. Bianchi, M., and Sagnotti, A. (1990). On the systematics of open string theories. Phys. Lett., B247, 517. Bigatti, D., and Susskind, L. (1997). Review of matrix theory. In Cargèse...

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```
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```


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```
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Sagnotti, CMB imprints of a pre-inflationary climbing phase, JCAP 5 (May, 2012) 012, [arXiv:1202.6630].
[58]...
```


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High energy physics research. Final report, October 1, 1969--December 31, 1990 by Univ., Princeton, of Physics, NJ (United States). Dept.

This mention was found in a paper hosted outside of Academia.edu
...Phys. B10 (1969) 519 [6] J.H. Schwarz, Proc. Johns Hopkins Workshop, Florence (1982); N. Marcus and A. Sagnotti, Phys. Lett. 1198 (1982) 97 [7] I.B. Frenkei and V.G. Kac, Inv. Math. 62 (1980) 23: G. Segal, Comm....

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[^90]...5, hep-th/9802109; E. Witten, Adv. Theor. Math. Phys. 2 (1998) 253, hep-th/9802150. [11] N. Marcus, A. Sagnotti, Nucl. Phys. B 256 (1985) 77. [12] S.A. Frolov, JHEP 0505 (2005) 069, hep-th/0503201. [13] S.A. Fro...

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```
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```


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Sagnotti, Phys. Lett. B 294 (1992) 196. S. Ferrara, R. Minasian and A. Sagnotti, Nucl. Phys. B 474 (1996) 32...

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...25] [26] Hooft G 't and Veltman M J G 1974 Annales Poincare Phys. Theor. A 20 69-94 Goroff M H and Sagnotti A 1986 Nucl. Phys. B 266709 Stelle K S 1977 Phys. Rev. D 16 953-69 Deser S, Jackiw R and Templeton S...

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...cchio, Rome Preprint, n. 527, September 25, 1986. C. Thorn, Princeton Preprint, 1986. N. Marcus and A. Sagnotti, Phys. Lett. 178B (1986), 343. M. Kato and K. Ogawa, Nucl. Phys. B212 (1983), 443. G. Horowitz, T....

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...hic tradition, at least for a while. Acknowledgements We would like to thank S. Kovacs, W. M"uck, A. Sagnotti, and Ya. Stanev for useful discussions and especially M. Berg and D. Freedman for valuable comments...

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...77]; D. Sorokin, AIP Conf. Proc. 767, 172 (2005) [arXiv:hep-th/0405069]; N. Bouatta, G. Compere and A. Sagnotti, [ arXiv:hep-th/0409068]; X. Bekaert, S. Cnockaert, C. Iazeolla and M. A. Vasiliev, [arXiv:hep-th/0...

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...rientifolds and fluxes, Phys. Rept. 445 (2007) 1 [hep-th/0610327] [INSPIRE]. [2] C. Angelantonj and A. Sagnotti, Open strings, Phys. Rept. 371 (2002) 1 [Erratum ibid. 376 (2003) 339] [hep-th/0204089] [INSPIRE]....

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Sagnotti, Nucl. Phys. B 256 (1985) 77; G. Leibbrandt, Rev. Mod. Phys. 47 (1975) 849 (see Section 7.A). [14]...

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## HIGHLY CITED

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...to appear. [18] M. B. Green and J. H. Schwarz, Phys. Lett. B149 (1984) 117. 31 [19] A. Sagnotti, 'A Note on the Green-Schwarz Mechanism in Open-String Theories', Phys. Lett. B294 (1992) 196. [20] A. Dabholkar and J. Park, 'An Orientifold of Type-IIB Theory on...

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```
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Sagnotti, Phys. Lett. B 235 (1990) 255. [5] D. Z. Freedman and G. W. Gibbons, Nucl. Phys. B 233 (1984) }24
[...
```


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Sagnotti, Nucl. Phys. B266, 799 (1986). P. A. Grassi, Nucl. Phys. B462, 524 (1996). A. Barvinsky, D. Blas, H...

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## HIGHLY CITED

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10.1016/0370-2693(84)90458-1. 29 [9] A. Smilga, "Ultravio...

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[^8]:    ...ss Fields with Integer Spin. Phys. Rev. D 1978, 18, 3624-3629. [CrossRef] Francia, D.; Sagnotti, A. Free geometric equations for higher spins. Phys. Lett. B 2002, 543, 303-310. [CrossRef] Francia, D.; Mourad, J.; Sagnotti, A. Current Exchang...

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[^11]:    ...od. Phys. Lett. A4(1989) 2073. M. B. Green, Phys. Lett. B266 (1991) 325. M. Bianchi, G. Pradisi and A. Sagnotti, Nucl. Phys. B376 (1992) 365. H. Dorn and H. J. Otto, Phys. Lett. B381 (1996) 81, hep-th/9603186. S...

[^12]:    ...metic Dirichlet series without Euler product," Izv. Ross. Akad. Nauk, Ser. Mat. 57 (5), 3-14 (1993) ANOMALY CANCELLATIONS AND OPEN -STRING THEORIES Augusto Sagnotti -arXiv:hep-th/9302099v1 22 Feb 1993 Karl Friedrich Gauss -General Investigations o...

[^13]:    ...o the dilaton value . = and to the value of the following Rogers-Ramanujan continued fraction: From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22

[^14]:    ...34] [35] [36] [37] G. t'Hooft and M. Veltman (1974) Ann. Inst. H. Poincarè A20, 69 M. H. Goroff and A.
    Sagnotti (1986) Nucl. Phys. B266, 709 A. E. M. van de Ven (1992) Nucl. Phys. B378, 309 K. S. Stelle (1977) P...

[^15]:    Infinity cancellation, type $I^{\prime}$ compactification and string S-matrix functional by Arakane, Y., Itoyama, H., Kunitomo, H., Tokura, A.

[^16]:    ...1. 12. 13. 14. 15 G. 't Hooft and M. Veltman, Ann. Inst. Henri Poincaré 20 (1974) 69. M. Goroff and A. Sagnotti, Phys. Lett. 106B (1985) 81; Nucl. Phys. B266 (1986) 709. S. Deser and P. van Nieuwenhuizen, Phys.

[^17]:    On the analysis of some solutions of the Riccati Equations. Mathematical connections with Ramanujan formulas and various equations concerning several topics of String Theory, in particular the repulsive forces between extremal branes IV
    by Michele Nardelli
    In this research thesis (part IV), we analyze some solutions of the Riccati Equations. We describe the possible ... more -

[^18]:    ...schinn, "Introduction to conformal field theory," Lect. Notes Phys. 779 (2009) 1-256. A. Sagnotti, "A Note on the Green-Schwarz mechanism in open string theories," Phys. Lett. B294 (1992) 196-203, hep-th/9210127. R. Minasian and G. W. Moore, "K theory and Ramon...

[^19]:    On further possible mathematical connections between some equations concerning the general properties of surfaces of minimum area, some Ramanujan expressions, and some topics of String Theory
    by Michele Nardelli
    In this research thesis, we describe the possible mathematical connections between some equations concerni... more v

[^20]:    ...C. Bachas, 'A Way to break supersymmetry', hep-th/9503030. C. Angelantonj, I. Antoniadis, E. Dudas, A.

[^21]:    ... B543 (2002) 303, Class. Quant. Grav. 20 (2003) S473-S486. N. Bouatta, G. Compere and A. Sagnotti, "An introduction to free higher-spin fields," hep-th/0409068. P.J. Olver, Differential hyperforms I, Univ. of

[^22]:    ... Zhang, Phys. Rev. D 69 (2004) 103520 [hep-th/0310206]. [10] E. Dudas, N. Kitazawa, S. P. Patil and A.
    Sagnotti, JCAP 1205 (2012) 012 [arXiv:1202.6630 [hep-th]]. [11] A. A. Starobinsky, JETP Lett. 55 (1992) 489

[^23]:    ...7] [17] [18] [19] [20] [21] 23 C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti and Y.S. Stanev, Chiral asymmetry in four-dimensional open-string vacua, Phys. Lett. B 385 (1996) 96 [hep-th/9606169]. M. Berkooz and R.G. Leigh, A D = $4 \mathrm{~N}=1$ orbifold of...

[^24]:    On further equations concerning the Field Theory and Gravity. New possible mathematical connections with various sectors of String Theory, Supersymmetry Breaking and Number Theory. V
    by Michele Nardelli
    In this research thesis (part V ), we analyze further equations concerning the Field Theory and Gravity. We descri... more •
    ...o the dilaton value . = and to the value of the following Rogers-Ramanujan continued fraction: From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March 27.. result very near to...

[^25]:    ...sors from K3 orientifolds, Phys. Rev. D 55 (1997) 6423, hep-th/9606165. M. Bianchi and A. Sagnotti, On the systematics of open string theories, Phys. Lett. B 247 (1990) 517; Twist symmetry and open-string Wilson

[^26]:    ...^- From the Planck units: Nuclear Physics B266 (1986) 709-736-© North-Holland Publishing Company -

[^27]:    ...High Energy Physics 2016.5 (2016) 184; arXiv:1603.06273 [hep-th]. Francia, Dario, Jihad Mourad, and Augusto Sagnotti, Current exchanges and uncon- strained higher spins, Nuclear Physics B 773.3 (2007) 203-

[^28]:    ... P. Di Francesco, P. Mathieu and D. Senechal, Conformal Field Theory, NY Springer 1997. G. Pradisi, A. Sagnotti and Y.S. Stanev, hep-th/9503207, Phys. Lett. B354 (1995) 279; hep-th/9506014, Phys. Lett. B356

[^29]:    ...r to the dilaton value = and to the value of the following Rogers-Ramanujan continued fraction:From AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March 27e^(0.989117352243/2)) ...

[^30]:    ... 5 (1995) 4724, hep-th/9510017. C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti and Y.S. Stanev, Chiral asymmetry in four-dimensional open-string vacua, Phys. Lett. B 385 (1996) 96, hep-th/9606169. Z. Kakushadze and G. Shiu, A chiral N=1 Type I vacuum...

[^31]:    ... on Brane Supersymmetry Breaking J. Mourad and A. Sagnotti -arXiv:1711.11494v1 [hep-th] 30 Nov 2017
    AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th]

[^32]:    ... genera, Lett. Math. Phys. 33 (1995) 335, hep-th/9404012. G. Pradisi, A. Sagnotti and Y. S. Stanev, Planar duality in SU (2) WZW models, Phys. Lett. B354 (1995) 279, hep-th/9503207. G. Pradisi, A. Sagnotti and Y. S. Stanev, The open de...

[^33]:    ...of 6D SUGRA, JHEP 11 (2017) 146 [arXiv:1708.09106] [INSPIRE]. N. Marcus, A. Sagnotti and W. Siegel, Ten-dimensional Supersymmetric Yang-Mills Theory in Terms of Four-dimensional Superfields, Nucl. Phys. B 224 (1983) 159 [INSPIRE]. K. Becker, M. Becker, W.D. Linch and D. Robbins, Abelian t...

[^34]:    ... on Brane Supersymmetry Breaking J. Mourad and A. Sagnotti -arXiv:1711.11494v1 [hep-th] 30 Nov 2017
    AdS Vacua from Dilaton Tadpoles and Form Fluxes -J. Mourad and A. Sagnotti -arXiv:1612.08566v2 [hep-th] 22 Feb 2017 -March 27, 2018 Properties of N...

[^35]:    ...Körs, and D. Lüst, J. High Energy Phys. 02 (2001) 030. C. Angelantonj, I. Antoniadis, E. Dudas, and A. Sagnotti, Phys. Lett. B 489, 223 (2000). D. Cremades, L. E. Ibáñez, and F. Marchesano, arXiv:hep-

[^36]:    ... on Brane Supersymmetry Breaking J. Mourad and A. Sagnotti -arXiv:1711.11494v1 [hep-th] 30 Nov 2017

[^37]:    by R.R. Metsaev

[^38]:    Quantum corrections for D-brane models with broken supersymmetry by Wilfried Buchmuller, Emilian Dudas, Yoshiyuki Tatsuta Intersecting D-brane models and their T-dual magnetic compactifications yield attractive models of particle phy... more v This mention was found in a paper hosted outside of Academia.edu

[^39]:    Magnetic Emissions from Brake Wear are the Major Source of Airborne Particulate Matter Bioaccumulated by Lichens Exposed in Milan (Italy)
    by Aldo Winkler, Tania Contardo, Andrea Vannini, Sergio Sorbo, Adriana Basile, Stefano Loppi
    The concentration of selected trace elements and the magnetic properties of samples of the lichen Evernia pru... more v
    This mention was found in a paper hosted outside of Academia.edu

[^40]:    ... $117352243=\boldsymbol{\phi}$ and to the value of the following Rogers-Ramanujan continued fraction: From AdS Vacua from Dilaton Tadpoles and Form Fluxes - J. Mourad and A. Sagnotti - arXiv:1612.08566v2 [hep-th] 22 Feb

[^41]:    ... 03 (2000) 030, [hep-th/0002149] M. Bianchi and J.F. Morales, JHEP 0008 (2000) 035, [hep-th/0006176] A.

[^42]:    ...y of higher spins," AIP, Conf. Proc. 767 (2005) 172 [arXiv:hep-th/0405069]; N. Bouatta, G. Compare, A.
    Sagnotti, "An intro- duction to free higher-spin fields," [arXiv:hep-th/0409068]; X. Bekaert, S. Cnockert, C...

[^43]:    ...hys. Lett. B 199 (1987) 380. C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti and Y. S. Stanev, "Comments on Gepner models and type I vacua in string theory," Phys. Lett. B 387 (1996) 743 [ArXiv:hep-th/9607229].
    G. Aldazabal, E. C. Andres, M. Leston and C....

[^44]:    ...thematics, XLV, 1914, 350 - 372 - Srinivasa Ramanujan - Quarterly Journal of We have that: 16 From: An Update on Brane Supersymmetry Breaking - J. Mourad and A. Sagnotti arXiv:1711.11494v1 [hep-th] 30 Nov 2017 From the following vacuum equat...

[^45]:    ...s.Lett. B224 (1989) 89, [doi:10.1016/0370-2693(89)91055-1]. M. Porrati, R. Rahman, and A. Sagnotti, String Theory and The Velo-Zwanziger Problem, Nucl.Phys. B846 (2011) 250-282, [arXiv:1011.6411], [doi:10.1016/j.nuclphysb.2011.01.007]. C. R. Na...

[^46]:    $\ldots=\phi$ and to the value of the following Rogers-Ramanujan continued fraction: 53 From March 27, 2018 AdS Vacua from Dilaton Tadpoles and Form Fluxes J. Mourad and A. Sagnotti - arXiv:1612.08566v2 [hep-th] 22 Feb 2017 We have: For $\xi=1$ we obtain: (2*...

[^47]:    Mathematical connections between various formulas of "Ultraviolet Behavior of Einstein Gravity", "One-loop divergences of quantized Kaluza-Klein-Jordan-Thiry theory", Supersymmetry and some Ramanujan's equations
    by Michele Nardelli

[^48]:    On the analysis of some equations concerning Supersymmetry and Superfields. Possible mathematical connections with various parameters of Ramanujan formulas.
    by Michele Nardelli
    In this research thesis, we have analyzed some equations concerning Supersymmetry and Superfields. We des... more v
    ...- Srinivasa Ramanujan Quarterly Journal of Mathematics, XLV, 1914, 350 - 372 We have that: 62 From: An Update on Brane Supersymmetry Breaking J. Mourad and A. Sagnotti - arXiv:1711.11494v1 [hep-th] 30 Nov 2017 From the following vacuum equat...

[^49]:    ...s Intersecting at Angles. Nucl. Phys. B 480, 265 (1996), hep-th/9606139. 39 [2] Augusto Sagnotti. Open strings and their symmetry groups. (1987), hep-th/0208020. [3] Ralph Blumenhagen, Lars G* orlich, and

[^50]:    ...J. Polchinski, E. Witten, Nuclear Physics B 460 (1996) 525. C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti and Ya.S. Stanev, Physics Letters B385 (1996) 96, hep-th/9606169. Z. Lalak, S. Lavignac, H.P. Nille...

[^51]:    ... Srinivasa Ramanujan Quarterly Journal of Mathematics, XLV, 1914, $350-372$ We have that: 199 From: An

[^52]:    On some Ramanujan's functions: mathematical connections with various equations concerning some sectors of Particle Physics and Black Hole Physics. II by Michele Nardelli

[^53]:    ...ear future. Acknowledgements We wish to thank M. Berg and M. Trigiante for useful discussions, and A. Sagnotti for alerting us to refs. [39]. This work is partly supported by EU contract HPRN-CT-200000122 and H...

[^54]:    .... B572 (2000) 95, hep-th/9910217. [18] C. Angelantonj, I. Antoniadis, G. D’Appollonio, E. Dudas and A.
    Sagnotti, Nucl. Phys. B572 (2000) 36, hep-th/9911081. [19] S. Kachru and E. Silverstein, Phys. Rev. Lett. 80...

[^55]:    ...ys. Lett. B, 733:1 (2014), 32-35, arXiv: 1403.3269. E. Dudas, S. Ferrara, A. Kehagias, A. Sagnotti, Properties of nilpotent supergravity, arXiv: 1507.07842; S. Ferrara, M. Porrati, A. Sagnotti, Phys. Lett. B, 749 (2015),

[^56]:    ...(1987) 1184. B. McClain and B. D. Roth, Commun. Math. Phys. 111, 539 (1987). [24] I. Antoniadis and A. Sagnotti, Class. Quant. Grav. 17, 939 (2000) [hep-th/9911205]. [25] I. Antoniadis, C. Bachas and E. Dudas, N...

[^57]:    $\ldots=\boldsymbol{\phi}$ and to the value of the following Rogers-Ramanujan continued fraction: 59 From March 27, 2018 AdS Vacua from Dilaton Tadpoles and Form Fluxes J. Mourad and A. Sagnotti - arXiv:1612.08566v2 [hep-th] 22 Feb 2017 We have: For $\xi=1$ we obtain: (2*...

[^58]:    ...an and W. Ruhl, Nucl. Phys. B 803, 405 (2008) [arXiv:0804.1211 [hep-th]]. D. Francia, J. Mourad and A.

[^59]:    ...sche Forschungsgemeinschaft. References [1] M. Klein, hep-th/0205300. [2] I. Antoniadis, E. Dudas, A. Sagnotti, Phys. Lett. 464B (1999) 38, hep-th/9908023. [3] G. Aldazabal, A. M. Uranga, JHEP 9910 (1999) 024,...

[^60]:    ...and A. Sagnotti, "Open String Orbifolds", Phys. Lett. B216 (1989) 59; M. Bianchi and A. Sagnotti, "On the Systematics of Open String Theories", Phys. Lett. B247 (1990) 517; "Twist Simmetry and Open String Wilson Lines", Nucl. Phys. B361 (199...

[^61]:    ...olchinski and E. Witten, Nucl. Phys. B 460, 525 (1996). [9] C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti and Y. S. Stanev, Phys. Lett. B 385, 96 (1996). [10] M. Berkooz and R.G. Leigh, Nucl. Phys. B 483,...

[^62]:    ...J. High Energy Phys. 10 (2000), 006; hep-th/0007024. 3) C. Angelantonj, I. Antoniadis, E. Dudas and A.
    Sagnotti, Phys. Lett. B 489 (2000), 223; hep-th/0007090. 4) G. Aldazabal, S. Franco, L. E. Ibanez, R. Rabada...

[^63]:    by Liu Lihui

[^64]:    ...- Srinivasa Ramanujan Quarterly Journal of Mathematics, XLV, 1914, 350 - 372 We have that: 59 From: An

[^65]:    ...anti-brane systems, JHEP 10 (1999) 024 [hep-th/9908072] [INSPIRE]. [86] I. Antoniadis, E. Dudas and A. Sagnotti, Brane supersymmetry breaking, Phys. Lett. B 464 (1999) 38 [hep-th/9908023] [INSPIRE]. [87] A.M.

[^66]:    ...ansmutation", Phys. Lett. B 489 (2000) 223 [arXiv:hep-th/0007090]. C. Angelantonj and A. Sagnotti, "Type-I vacua and brane transmutation", arXiv:hep-th/0010279. [16] N. Kaloper, J. March-Russell, G. D. Starkman and M. Trodden, "Compact...

[^67]:    ...Ooguri and C. Vafa, Nucl. Phys. 463B (1996) 55. [18] S. Yamaguchi, hep-th/0102176. [19] G. Pradisi, A. Sagnotti and Y.S. Stanev, Phys. Lett. B381 (1996) 97. C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti an...

[^68]:    ... 4 Phys. Rev. D9 1641 't Hooft G. and Veltman M. 1974 Ann.Inst.H Poincare 2069 [2] Goroff M. H. and Sagnotti A. 1986 Nucl. Phys. B 266709 van de Ven A. E. M. 1992 Nucl. Phys. B 378309 [3] Deser S. and van Nie...

[^69]:    ...es of supersymmetric field theories, Int. J. Mod. Phys. A 4 (1989) 1871. [2] N. Marcus, A. Sagnotti, The

[^70]:    ...B481 (1996) 215, hep-th/9605200. [16] M. Bianchi, Ph.D. thesis, preprint ROM2F-92/13; A. Sagnotti, "Anomaly Cancellations and Open-String Theories", hep-th/9302099. [17] M. Bill'o, S. Cacciatori, F. Denef, P. Fr'e, A. van Proeyen and D. Zanon, "T...

[^71]:    ...esearch Council and by a UWA research grant. References [1] N. Marcus, A. Sagnotti and W. Siegel, "Tendimensional supersymmetric Yang-Mills theory in terms of four-dimensional superfields," Nucl. Phys. B 224, 159 (1983). [2] N. Arkani-Hamed, T. Gregoire and J. Wacker, "Higher dimensiona...

[^72]:    ...symmetry in superspace, Nucl. Phys. B 333 (1990) 439-470. [69] I. Antoniadis, E. Dudas, S. Ferrara, A. Sagnotti, The Volkov-Akulov-Starobinsky Supergravity, Phys. Lett. B 733 (2014) 32-35, e-Print: arXiv:1403.32...

[^73]:    ... with branes at angles," JHEP 06 (2001) 004, arXiv:hep-th/0105208. C. Angelantonj and A. Sagnotti, "Type-I vacua and brane transmutation," arXiv:hep-th/0010279. G. Aldazabal, S. Franco, L. E. Ibañez, R. Rabadan, and A. M. Uranga, "Inter...

[^74]:    ...Action From Dirichlet Sigma Model," Mod. Phys. Lett. A 4 (1989) 2767; M. Bianchi and A. Sagnotti, "On The Systematics Of Open String Theories," Phys. 44 Lett. B 247 (1990) 517; "Twist Symmetry And Open String Wilson Lines," Nucl. Phys. B 3...

[^75]:    ...electrovacs in gauged supergravities, hepth/9710214. [18] I. Antoniadis, C. Bachas and A. Sagnotti, Gauged supergravity vacua in string theory, Phys. Lett. 235B (1990) 255. [19] A.H. Chamseddine and M.S. Volkov, Non-abelian solitons in $\mathrm{N}=4 \mathrm{ga} .$.

[^76]:    ...si and A. Sagnotti, Open string orbifolds, Phys. Lett. B 216 (1989) 59; M. Bianchi and A. Sagnotti, On the

[^77]:    ...ality," Nucl. Phys. B447, 261 (1995), hep-th/9505053. [8] S. Ferrara, R. Minasian and A. Sagnotti, "LowEnergy Analysis of M and F Theories on Calabi-Yau Threefolds", Nucl. Phys. B474, 323 (1996), hepth/9604097. [9] K. Becker and M. Becker, "M-Theory on Eight-Man...

[^78]:    ...[2] A. Strominger, Open p-branes, Phys. Lett. B383 (1996) 44-47, [hep-th/9512059]. [3] A. Sagnotti, A Note on the Green-Schwarz mechanism in open string theories, Phys. Lett. B294 (1992) 196-203, [hepth/9210127]. [4] U. H. Danielsson, G. Ferretti, J. Kalkkinen...

[^79]:    ...sented at the 1998 DESY workshop by the -9- second author, based on joint, unpublished work with A. Sagnotti [15]. The new results added in the present paper include the extension from automorphisms to arbitr...

[^80]:    On the Ramanujan's elliptic integrals and BH-Wormholes equations: further mathematical connections with Phi, zeta(2) and several parameters of High Energy Physics. IV

[^81]:    ...d A. D. Shapere, hep-th/9703210, to appear in Nucl. Phys. B. [6] C. V. Johnson, hep-th/9705148. [7] A. Sagnotti, in 'Non-Perturbative Quantum Field Theory', Eds. G. Mack et. al. (Pergammon Press, 1988), p521; V....

[^82]:    .... B 357, 323 (1995), doi:10.1016/0370-2693(95)00952-H. [75] M. Bianchi, G. Pradisi and A. Sagnotti, Toroidal compactification and symmetry breaking in open-string theories, Nucl. Phys. B 376, 365 (1992), doi:10.1016/0550-3213(92)90129Y. [76] M. Bianchi, A note on toroida...

[^83]:    ...9) 59. [4] M. A. Vasiliev, Nucl. Phys. B324 (1989) 503. [5] A. Sagnotti, E. Sezgin and P. Sundell, "On Higher Spins with a Strong Sp(2,R) Condition", [hep-th/0501156]. [6] X. Bekaert, S. Cnockaert, C. Iazeolla and M.A.Vasiliev, Nonlinear Higher Sp...

[^84]:    ...J. Schnitzer and N. Wyllard, "pp-wave limits and orientifolds", hep-th/0206094. [13] A. Sagnotti, "Open Strings and their Symmetry Groups",. Cargese Summer Inst. 1987 0521, hep-th/0208020. [14] E. G. Gimon and J. Polchinski, "Consistency...

[^85]:    ...n in heterotic theories. [9] C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti and Y.S. Stanev, Chiral asymmetry in four-dimensional open- string vacua, Phys. Lett. B 385 (1996) 96 [hep-th/9606169]. [10] Z. Kakushadze and G. Shiu, A chiral N = 1 type-...

[^86]:    ...ft terms', hep-th/0311241. [27] C. Angelantonj, M. Bianchi, G. Pradisi, A. Sagnotti, Ya.S. Stanev, 'Chiral asymmetry in four-dimensional open string vacua', Phys. Lett. B385 (1996) 96, hep-th/9606169. [28] J.

[^87]:    ...a Walk through Superspace; IOP: Bristol, UK, 1998; 656p, ISBN 0750305061. Marcus, N.; Sagnotti, A. The Ultraviolet Behavior of $\mathbf{N}=4$ Yang-Mills and the Power Counting of Extended Superspace. Nucl. Phys. B 1985, 256, 77-108. [CrossRef] Galperin, A.; Ivanov, E.; Kalitzin, S.; Ogievetsky, V....

[^88]:    ...12182]. [11] P. C. Argyres and C. R. Nappi, Phys. Lett. B 224, 89 (1989); M. Porrati, R. Rahman and A.
    Sagnotti, Nucl. Phys. B 846, 250 (2011) [arXiv:1011.6411 [hep-th]]. [12] M. Porrati, R. Rahman, Phys. Rev. D...

[^89]:    ... 733 (2014) 32 [arXiv:1403.3269] [INSPIRE]. [15] E. Dudas, S. Ferrara, A. Kehagias and A. Sagnotti,

[^90]:    Proof of ultraviolet finiteness for a planar non-supersymmetric Yang-Mills theory
    by Ananth, Sudarshan, Kovacs, Stefano, Shimada, Hidehiko
    This mention was found in a paper hosted outside of Academia.edu

[^91]:    ...e Higgs boson mass 125.18 GeV Alternate forms: 65 Minimal polynomial: Series representations: From:
    Two-Field Born-Infeld with Diverse Dualities S. Ferrara, A. Sagnotti and A. Yeranyan - arXiv:1602.04566v3 [hep-th] 8 Jul 201666 From: $\phi=6 ; \ldots$

[^92]:    ...ng," JHEP 0110, 017 (2001) [arXiv:hep-th/0107159]. [8] I. Antoniadis, G. D'Appollonio, E. Dudas and A. Sagnotti, "Open descendants of Z(2) x Z(2) freely-acting orbifolds," Nucl. Phys. B 565, 123 (2000) [arXiv:he...

[^93]:    ...o Weigand for useful discussions. Furthermore we gratefully knowledge enlightening discussions with Augusto Sagnotti on the Scalar Potential of Massive Weyl Supergravity and with Angnis SchmidtMay on Bimetric Gravity...

[^94]:    ...of gravitation," Annales Poincare Phys. Theor. A 20, 69 (1974). [5] M. H. Goroff and A. Sagnotti, "The Ultraviolet Behavior of Einstein Gravity," Nucl. Phys. B 266, 709 (1986). [6] S. Weinberg, "Effective Field Theory, Past and Future," PoS CD...

[^95]:    On the various Ramanujan equations (Rogers-Ramanujan continued fractions) linked to some sectors of String Theory and Particle Physics: Further new possible mathematical connections VI
    by Michele Nardelli
    In this research thesis, we have analyzed and deepened further Ramanujan expressions applied to some sector... more v
    ...www.sciencephoto.com/media/228058/view/indian-mathematician-srinivasa-ramanujan We have that:

[^96]:    ...r and P. van Nieuwenhuizen, Phys. Rev. 10, 401 (1974); Phys. Rev. 10, 411 (1974). [6] M. Goroff and A. Sagnotti, Nucl. Phys. B266, 709 (1986). [7] J. W. Moffat, hep-th/0007181. [8] T. Filk, Phys. Lett. B376, 53...

