

# Konstantinos Anagnostopoulos

## List of Publications

1. Mitsuaki Hirasawa, Konstantinos N. Anagnostopoulos, Takehiro Azuma, Kohta Hatakeyama, Jun Nishimura, Stratos Papadoudis, Asato Tsuchiya, “*The emergence of expanding space-time in the Lorentzian type IIB matrix model with a novel regularization*”, [arXiv:2307.01681](#).
2. Mitsuaki Hirasawa, Konstantinos N. Anagnostopoulos, Takehiro Azuma, Kohta Hatakeyama, Jun Nishimura, Stratos Kovalkov Papadoudis, Asato Tsuchiya, “*The emergence of expanding space-time in a novel large- $N$  limit of the Lorentzian type IIB matrix model*”, [PoS LATTICE2022 \(2023\) 371](#) [[arXiv:2212.10127](#)], [[doi:10.22323/1.430.0371](#)].  
[Cited by 2 \(2\) articles](#)
3. Konstantinos N. Anagnostopoulos, Takehiro Azuma, Kohta Hatakeyama, Mitsuaki Hirasawa, Yuta Ito, Jun Nishimura, Stratos Kovalkov Papadoudis, Asato Tsuchiya, “*Progress in the numerical studies of the type IIB matrix model*”, [arXiv:2210.17537](#), [[doi:10.1140/epjs/s11734-023-00849-x](#)].  
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4. Kohta Hatakeyama, Konstantinos Anagnostopoulos, Takehiro Azuma, Mitsuaki Hirasawa, Yuta Ito, Jun Nishimura, Stratos Papadoudis, Asato Tsuchiya, “*Complex Langevin studies of the emergent space-time in the type IIB matrix model*”, [arXiv:2201.13200](#), [[doi:10.1142/9789811261633\\_0002](#)].  
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5. Kohta Hatakeyama, Konstantinos Anagnostopoulos, Takehiro Azuma, Mitsuaki Hirasawa, Yuta Ito, Jun Nishimura, Stratos Papadoudis, Asato Tsuchiya, “*Relationship between the Euclidean and Lorentzian versions of the type IIB matrix model*”, [PoS LATTICE2021 \(2022\) 341](#) [[arXiv:2112.15368](#)], [[doi:10.22323/1.396.0341](#)].  
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6. Mitsuaki Hirasawa, Konstantinos Anagnostopoulos, Takehiro Azuma, Kohta Hatakeyama, Yuta Ito, Jun Nishimura, Stratos Papadoudis, Asato Tsuchiya, “*A new phase in the Lorentzian type IIB matrix model and the emergence of continuous space-time*”, [PoS LATTICE2021 \(2022\) 428](#) [[arXiv:2112.15390](#)], [[doi:10.22323/1.396.0428](#)].  
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7. Konstantinos N. Anagnostopoulos, Takehiro Azuma, Yuta Ito, Jun Nishimura, Toshiyuki Okubo, Stratos Kovalkov Papadoudis, “*Complex Langevin studies of the dynamical compactification of extra dimensions in the Euclidean IKKT matrix model*”, [arXiv:2009.08682](#).
8. Konstantinos N. Anagnostopoulos, Takehiro Azuma, Yuta Ito, Jun Nishimura, Toshiyuki Okubo, Stratos Kovalkov Papadoudis, “*Dynamical Compactification of Extra Dimensions in the Euclidean IKKT Matrix Model via Spontaneous Symmetry Breaking*”, [PoS CORFU2019 \(2020\) 183](#) [[arXiv:2005.12567](#)], [[doi:10.22323/1.376.0183](#)].  
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9. Konstantinos N. Anagnostopoulos, Takehiro Azuma, Yuta Ito, Jun Nishimura, Toshiyuki Okubo, Stratos Kovalkov Papadoudis, “*Complex Langevin analysis of the spontaneous breaking of 10D rotational symmetry in the Euclidean IKKT matrix model*”, [JHEP 06 \(2020\) 069](#) [[arXiv:2002.07410](#)], [[doi:10.1007/JHEP06\(2020\)069](#)].  
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