

# СПИСОК

наукових праць *Кофман Поліни Олегівни*

№ п/п	№ п/п	Назва	Видавництво, журнал (назва, номер, рік, сторінки)	Кількість друківаних сторінок	Прізвища співавторів
1	2	3	4	5	6
<b>I</b>					
1.	Origami launcher	стаття	Emergent Scientist <b>3</b> , 5 (2019)	<u>8</u>	O. Ivashtenko, O. Golubov, and Z. Maizelis
2.	Majorana's approach to nonadiabatic transitions validates the adiabatic-impulse approximation	стаття	Scientific Reports <b>13</b> , 5053 (2023)	<u>11</u>	Ivakhnenko, O.V., Shevchenko, S.N., Nori F.
3.	Tuning the initial phase to control the final state of a driven qubit: single-passage coherent destruction of tunneling	стаття	arXiv:2308.03571 (2023)	<u>12</u>	S. N. Shevchenko & Franco Nori
4.	Optimizing elastic properties of paper origami	тези доповіді	Conference programme and Abstract book, International Conference of Students and Young Researchers in Theoretical and Experimental Physics "HEUREKA-2018", 15-17 травня 2018р.	<u>1</u>	O. Ivashtenko, O. Golubov
5.	Modeling dynamics of Yut sticks	тези доповіді	International Conference of Students and Young Researchers in Theoretical and Experimental Physics "HEUREKA-2019", 14-16 травня 2019р.	<u>1</u>	Oleksiy Golubov
<b>II</b>					
6.	Driven quantum systems: Majorana's approach	Тези доповіді	Conference programme and Abstract book, The Second International Advanced Study	<u>1</u>	O.V. Ivakhnenko, S. N. Shevchenko

			Conference Condensed matter & low-temperature physics, 2021”, 6-12 червня 2021р.		
7.	Majorana approach for driven quantum systems.	Тези доповіді	APS March Meeting 2022, Volume 67, Number 3 Monday–Friday, March 14–18, 2022; Chicago. G00.00175	<u>1</u>	Oleh Ivakhnenko, Sergey Shevchenko, Franko Nori
8.	Majorana approach and phase control of qubits	-	The RIKEN-CPR Physics Workshop for Students, 12-13 грудня 2022 RIKEN, Wako-shi, Japan	<u>1</u>	-
9.	Landau-Zener-Stückelberg-Majorana interferometry, latching modulation, and motional averaging – dynamical quantum phenomena simulated by coupled classical oscillators	тези доповіді	26th RQC seminar (RIKEN Center for Quantum Computing) December 2022, Wako-shi, Japan, February 13, 2023	<u>1</u>	Oleh Ivakhnenko, Sergey Shevchenko, Franko Nori
10.	Driving can have no effect, if the phase is chosen appropriately	тези доповіді	The APS March Meeting 2023, Las Vegas, USA, March 20-22, 2023	<u>1</u>	Oleh Ivakhnenko, Sergey Shevchenko, Franko Nori
11.	Alternative qubit driving: Phase case	тези доповіді	Condensed matter & low-temperature physics, Kharkiv, Ukraine(online), 5 - 11 June 2023	<u>1</u>	Sergey Shevchenko, Franko Nori