

# Vardan Frants Manukyan

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## Research Institute of Physics

Laboratory of Theoretical Physics

Senior researcher

## Education

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Physics
<b>Date</b>	1989 - 1991
<b>Degree name</b>	Qualified specialist

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## Scientific Rank/degree

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<b>Institution</b>	SCC
<b>Date</b>	2014
<b>Degree name</b>	Associate professor
<b>Specialty</b>	Physico-mathematical sciences

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<b>Institution</b>	Institute of Mechanics and Yerevan State University
<b>Date</b>	1998
<b>Degree name</b>	Candidate
<b>Specialty</b>	Physico-mathematical sciences
<b>Scientific Supervisor</b>	Belubekyan Mels
<b>Research Topic</b>	The influence of moment stresses and a layered structure on the propagation of localized shear waves

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## Language skills

Հայերեն English Русский

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## Work experience

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<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2022 till now
<b>Rank/degree</b>	Senior researcher

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## Publications

Article

**Determining the centres of mass of a circular arc and a circular sector using the principle of virtual work**

Vardan Manukyan, Gagik Nikoghosyan

Physics Education 2023 045004

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*Article*

**Electromagnetic vacuum stresses and energy fluxes induced by a cosmic string in de Sitter spacetime**

A.A. Saharyan, V.F. Manukyan, V. Kh. Kotanjyan, A. A. Grigoryan

International Journal of Modern Physics D 2023 2350042

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