

International
Online Conference



**Algebraic
and Geometric
Methods of Analysis**

dedicate to the memory
of Yuriy Trokhymchuk
(17.03.1928-18.12.2019)

May 25-28, 2021
Odesa, Ukraine

LIST OF TOPICS

- Topological methods in analysis
- Geometric problems of complex and mathematical analysis
- Algebraic methods in geometry
- Differential geometry in the whole
- Geometry and topology of differentiable manifolds
- General and algebraic topology
- Geometric and topological methods in natural sciences

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- Odesa National Academy of Food Technologies
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Applications of Linking to the Study of Causality

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We will discuss the results about causality in spacetimes and Legendrian linking. The spheres are linked in the space of all light rays associated to the spacetimes. The results were obtained in the joint works with Stefan Nemirovski and, in particular, solve the Low conjecture, the Legendrian Low conjecture of Nataro and Tod and the problem communicated by Penrose on Arnold problem list.

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