

International
Online Conference



**Algebraic
and Geometric
Methods of Analysis**

dedicate to the memory
of Yuriy Trokhymchuk
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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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Some remarks on the Metrizable of F-metric spaces

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Abstract: In this talk, we will show that the newly introduced \mathcal{F} -metric space, introduced by Jleli and Samet in [1], is metrizable. Also, we deduce that the notions of convergence, Cauchy sequence, completeness due to Jleli and Samet for \mathcal{F} -metric spaces are equivalent to that of usual metric spaces. Moreover, we show that the Banach contraction principle in the context of \mathcal{F} -metric spaces is a direct consequence of its standard metric counterpart.

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