



MINISTRY
OF EDUCATION AND SCIENCE
OF UKRAINE



Certificate of Participation

this is to certify that

**Olha Khomiak, Petro Stetsyuk, Volodymyr Zhydkov,
and Luis Infante**

has participated with a paper entitled

**Optimization Problem Formulation for
Naturally Parametrized Curve having Cubic Curvature
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Prof. Volodymyr Babaiev**

