Hakop Avagi Hakopian

hakop@ysu.am

Faculty of Informatics and Applied Mathematics
Chair of Numerical Analysis and Mathematical Modeling
Professor

Faculty of Informatics and Applied Mathematics
Chair of Numerical Analysis and Mathematical Modeling
Professor

Publications

Article
On Maximal Curves of -Correct Sets
H. A. Hakopian, G. K. Vardanyan, N. K. Vardanyan
Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2026 31 - 43
https://doi.org/10.3103/s1068362325700219

Article
HERMITE MULTIVARIATE INTERPOLATION FORMULA
H. A. HAKOPIAN
Proceedings of the YSU A Physical and Mathematical Sciences 2026 1-4
https://journals.ysu.am/proceedings-phys-math/article/view/vol60_no1_2026_001-0...

Article
On Polynomial Solutions of PDE with Constant Coefficients
Hakop Hakopian, Gharibyan Anna
Trends in Mathematics 2025 127-135

Conference
On polynomial solutions of PDE with constant coefficients
Hakop Hakopian, Anna Gharibyan
2024 7 - 8
http://gmg70.com

Article
On the Gasca–Maeztu Conjecture for n = 6
H. Hakopian, N. Vardanyan, G. Vardanyan
Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2023 15-32

Conference
On n-independent, n-correct and GCn sets
H. A. Hakopian
2023 43 - 43
http://mathconf.sci.am

Article
On a result concerning algebraic curves passing through n-independent nodes

H. A. Hakopian
Proceedings of the YSU A Physical and Mathematical Sciences 2022 97-106

Conference

On n-independent, n-correct, and GCn sets

Hakop Hakopian

2022 405 - 408

https://publications.mfo.de/handle/mfo/3932

Conference

On the Gasca-Maeztu conjecture for n = 6

Haopian H. A., Vardanyan G.K., Vardanyan N.K.

2022 65 - 65

https://www.mathnet.ru/conf2097

Article

ON PLANE ALGEBRAIC CURVES PASSING THROUGH n-INDEPENDENT NODES

Hakop Hakopian, Kloyan Harutyun, Voskanyan Davit

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2021 280–294.

Article

On the Noether and the Cayley–Bacharach Theorems with PD Multiplicities

H. Hakopian, N. Vardanyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2020 156-165

Article

On the basic properties of GCn sets

Hakop Hakopian, Navasard Vardanyan

Journal of Knot Theory and Its Ramifications 2020 1-26

Article

On the usage of lines in GCn sets

Hakop Hakopian, Vahagn Vardanyan

Advances in Computational Mathematics 2019 1-23

Article

О точках пересечения двух плоских алгебраических кривых.

Акоп Акопян, Давид Восканян

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))
2019 17-30

Article

On the Intersection Points of Two Plane Algebraic Curves

Hakop Hakopian, Davit Voskanyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2019 90-97

Article

ON THE DIMENSION OF SPACES OF ALGEBRAIC CURVES PASSING THROUGH n-INDEPENDENT NODES

H. A. HAKOPIAN, H. M. KLOYAN

Proceedings of the YSU A Physical and Mathematical Sciences 2019 91-100

Conference

On the set of solutions of polynomial systems
Hakop Hakopian, Davit Voskanyan

2019 34

http://www.math.bas.bg/mathmod/CTF-2019/

Article

On a correction of a property of GC n sets
Hakop Hakopian, Vahagn Vardanyan

Advances in Computational Mathematics 2018 1-15

Conference

On a property of GCn sets
H. Hakopian, V. Vardanyan

2018 37-38

http://mergelyan-90.sci.am/

Conference

On the usage of lines in GCn-sets
H. Hakopian, V. Vardanyan

2018 35

http://math.sci.am/conference/artin120

Conference

The Usage of Lines in GCn-Sets
H. Hakopian, V. Vardanyan

2018 45-47

http://mathconf.sci.am/haa2018/

Article

On a new property of n-poised and GCn sets
Hakop Hakopian, Vahagn Bayramyan

Advances in Computational Mathematics 2017 607-626

https://link.springer.com/journal/10444

Article

On the uniqueness of algebraic curves passing through n-independent nodes
Hakopian, Hakop, Toroyan, Sofik

New York Journal of Mathematics 2016 441-452

http://nyjm.albany.edu/

Article

On Characterization of Poised Nodes for a Space of Bivariate Functions
Hakop Hakopian, Hayk Avdalyan

Advances in Linear Algebra & Matrix Theory 2016 89-103

http://www.scirp.org/journal/alamt/

Article

On a generalization of the Gasca-Maeztu conjecture
Haakop Hakopian, Levon Rafayelyan

New York Journal of Mathematics 2015 351-367

http://nyjm.albany.edu/

Article

On multivariate segmental interpolation problem
Hakop Hakopian, Gevorg Mushyan

Journal of computer science and applied mathematics 2015 19-29

http://research-publication.com/index.php/jcsam.html

Article

A simple proof of the Gasca-Maeztu conjecture for n=4
Hakopian, H., Bayramyan, V., Toroyan, S.

Jaen Journal on Approximation 2015 137-147

http://www.ujaen.es/revista/jja/index1.php

Article

On the uniqueness of algebraic curves
H.A. Hakopian, V. H. Bayramyan, S.Z.Toroyan

Proceedings of the YSU A Physical and Mathematical Sciences 2015 3-7

http://www.ysu.am/science/en/journals

Article

On the minimal number of nodes uniquely determining algebraic curves
H.A. Hakopian, S.Z.Toroyan

Proceedings of the YSU A Physical and Mathematical Sciences 2015 17-22

http://www.ysu.am/science/en/journals

Conference

Progress on the Gasca-Maeztu Conjecture
Hakop Hakopian, Kurt Jetter, Georg Zimmermann

2015 47-48

http://www.ujaen.es/revista/jja/jca/2015/abstracts.pdf

Conference

On multivariate segmental interpolation problem . . . . . .
H. Hakopian, G. Mushyan

2015 37

http://mathconf.sci.am/haa2015/abstracts.html
