

## Факультет информатики и прикладной математики

Кафедра численного анализа и математического моделирования  
Заведующий кафедрой, профессор

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### **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

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### **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

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### **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.

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### **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

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### **On the basic properties of $GC_n$ sets**

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Advances in Computational Mathematics 2019 1-23

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Акоп Акопян, Давид Восканян

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

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

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**On a correction of a property of GC  $n$  sets**

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Advances in Computational Mathematics 2018 1-15

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*Статья*

**On a new property of  $n$ -poised and GC $n$  sets**

Hakop Hakopian, Vahagn Bayramyan

Advances in Computational Mathematics 2017 607-626

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

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*Статья*

**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/>

---

*Статья*

**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/>

---

*Статья*

**On a generalization of the Gasca-Maeztu conjecture**

Haakop Hakopian, Levon Rafayelyan

New York Journal of Mathematics 2015 351-367

<http://nyjm.albany.edu/>

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*Статья*

**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>

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*Статья*

**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>

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*Статья*

**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.y-su.am/science/en/journals>

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*Статья*

**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.y-su.am/science/en/journals>

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**On the usage of lines in GCn-sets**

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**On the Gasca-Maeztu conjecture for n = 6**

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

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**On polynomial solutions of PDE with constant coefficients**

