




Prof. Pantelimon George POPESCU

PGP's Short CV

- PERSONAL INFORMATION

	<p>Email: pgpopescu@upb.ro Phone: +40741533097 Sex: MALE Birth Date: June 30th 1984 Nationality: RO Marital Status: Married, with kids</p>	 
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- PROFESSIONAL EXPERIENCE

- **2018-present: Professor** @ Computer Science and Engineering Department (CS), Faculty of Automatic Control and Computers (ACS), University Politehnica of Bucharest (UPB) [lead of Numerical Methods (Bachelor), lead of Quantum Computing (Master)];
- **2016-2018: Associate Professor** @ CS, UPB [lead of Numerical Methods (BSc.), lead of Quantum Computing (MSc.)];
- **2012-2016: Lecturer** @ CS, UPB [lead of Numerical Methods (BSc.); applications in Numerical Methods, HPC, C/C++ Programming (BSc.)];
- **2008-2012: Guest Lecturer** @ CS, UPB [applications in micro-Controller Design, Numerical Methods, C/C++ Programming (BSc.)];
- **2005-2010: Associate** @ SC Qerrt Software Impex SRL;

- EDUCATION

- **2017: Habilitation** in Computer Science, Doctoral School of Automatic Control and Computers, UPB [Information Theory, Numerical Methods, Quantum Computing];
- **2014-2015: PostDoc** in Applied Mathematics, UPB [advisor: prof. Nicolae Țăpuș];
- **2008-2011: PhD** in Applied Mathematics, UPB [advisor: prof. Octavian Stănășilă];
- **2003-2008: Engineering Degree** in Computer Science, UPB [advisor: prof. Nicolae Țăpuș];
- **1999-2003: Baccalaureate** Intensive Informatics, St. Sava College;

- RESEARCH INTERESTS

inequalities; information theory; numerical methods; quantum information th.; quantum computing; quantum communications;

- NOTABLE PROJECTS

- Mastermind and Technical Manager of **RoNaQCI**: Romanian National Quantum Communication Infrastructure, part of EuroQCI, DIGITAL-2021-QCO-01, 2023-2025;

- RO Mentor of **QUOG-DP**: Quantum optimization of worldwide LHC computing grid data placement, part of CERN-Attract, Horizon 2020, 2019-2020;
- RO National MC(Management Committee) of **CRYPTACUS**: Cryptanalysis of ubiquitous computing systems, ICT COST Action IC1403, EU COST, 2014-2018;

- **NOTABLE AWARDS**

- **Gh. Cartianu Prize** from the *Romanian Academy*, Bucharest, 2023;
- **Semi-finalist** at the *Imagine Cup - Embedded Development (Section: Improving Learning)*, The BlueToys Project, Team ASGA, 2007;
- **Bronze Medal** at the *50th National Mathematics Olympiad*, Alba-Iulia, 1999;

- **NOTABLE EVENTS**

- I published my first journal article at the age of 17 [P.G.Popescu, *Asupra unei probleme date la O.B.M. (About a problem from BMO)*, *Gazeta Matematică*, CVII, nr. 11, 2002, p. 436-437];
- At the age of 18, I was elected editor @ the elementary mathematical journal *Revista Arhimede* [I was editor for RA between 2002-2007];
- We introduced in 2017, advised by prof. N. Țăpuș, the first complete Romanian lecture in quantum computing: **Introduction to Quantum Computing** @ CS, UPB;
- I received the title of full professor at the age of 34 + 2 days @ UPB [2 July 2018];
- In 2019 we launched **quantum.upb.ro** and I became the Head of Quantum Computing in UPB;
- Together with the great professor and remarkable mathematician Octavian Stănășilă (my PhD advisor), we published in 2019 the first quantum computing manual in Romania [**Provocările Calculului Cuantic** (The Challenges of Quantum Computing), Ed. Politehnica Press, 2019, ISBN 978-606-515-885-6];
- In 2022 I was elected to represent Romania at the CERN QTI Advisory Board;
- I am the founder and coordinator of the Quantum Computing MSc. program @ POLITEHNICA Bucharest, that was approved in 2022 and lunched in 2023, being the **first quantum related MSc. in Romania**;
- In January 2023 I led the team who built the **first Romanian QKD Network**, integrated into UPB's Communication Infrastructure [followed in June 2023 by the experiments: the first unconditionally secure file transfer and the first video conference over a post-quantum VPN from Romania, successfully deployed under my supervision];
- In 2023 I was elected as key expert on Quantum Technologies by the Romanian Ministry of Research, Innovation and Digitalization;
- In 2024 I was elected as member in the Advisory Committee of the Open Quantum Institute;

- **HOBBIES**

working with natural wood and stone [wood/stone carving], architecture [SketchUp designs], web/image design [cs.pub.ro, quantum.upb.ro, ...], outdoor activities [mountaineering, ...]



PGP's Publications List

- Books *all in Romanian* ↓

1. P.G.Popescu - coordinator, et al., *Basic Quantum Knowledge*, RoNaQCI Deliverable, Ed. Politehnica Press, 2024, ISBN: 978-606-9608-88-3;
2. P.G.Popescu, O.Stănășilă, *Provocările Calculului Cuantic* - carte de învățatură, Ed. Politehnica Press, 2019, ISBN 978-606-515-885-6.
3. P.G.Popescu, O.Stănășilă, *Enunțuri Matematice Comentate*, Ed. Politehnica Press, 2017, p. 105, ISBN 978-606-515-773-6.
4. P.G.Popescu, *Inegalități pentru Entropia Informațională*, Ed. Politehnica Press, 2017, p. 120, ISBN 978-606-515-772-9.
5. P.G.Popescu, R.D.Stochițoiu, *Utilizarea Exemplificată a Funcțiilor de Aproximare*, Editura Politehnica Press, 2017, ISBN 978-606-515-774-3.
6. V.Iorga, F.Pop, P.G.Popescu et al., *Metode Numerice. Proiectare, Analiză și Implementare*, Ed. Politehnica Press, 2015, p. 150, ISBN 978-606-515-646-3.
7. P.G.Popescu, I.V.Maftai, J.L.Díaz-Barrero și M.Dincă, *Inegalități matematice - Modele inovatoare*, Ed. Didactică și pedagogică, 2007, p. 186, ISBN 978-973-30-1985-5.
8. I.V.Maftai, P.G.Popescu, M.Piticari, C. Lupu și M.A.Tătărâm, *Inegalități alese în matematică - Inegalități clasice*, Ed. Niculescu, 2005, p. 180, ISBN 937-748-017-1.

- Thesis (*part in Romanian*) ↓

9. Habilitation in Computer Science - *New Approach of Entropy Bounds*, University Politehnica of Bucharest, 2017, p. 93.
10. PhD in Mathematics - *Contributions concerning Entropy and Mutual Information (in Romanian)*, University Politehnica of Bucharest, 2011, p. 120 (coord. prof. dr. mat. Octavian Stănășilă).
11. Diploma in Computer Sciences - *Discrete logarithm problem in cryptography - Monoids in cryptography (in Romanian)*, University Politehnica of Bucharest, 2008, p. 67 (coord. prof. dr. eng. Nicolae Țăpuș).

- Journal Articles ↓

12. B.C.Ciobanu, L.Perju Verzotti, P.G.Popescu, *Optimal and scalable entanglement distribution over crossbar quantum networks*. Nature Sci Rep 14, 11714, 2024.
13. A.B.Popa, P.G.Popescu, *Optimal key forwarding strategy in QKD behaviours*. Nature Sci Rep 14, 13977, 2024.
14. A.B.Popa, B.C.Ciobanu, V.Iancu, F.Pop, P.G.Popescu, *SkySwapping: Entanglement resupply by separating quantum swapping and photon exchange*, Future Generation Computer Systems, 158, 2024.
15. L.Perju Verzotti, B.C.Ciobanu, P.G.Popescu, *Optimal quantum network decongestion strategies*, Nature Sci Rep, 13, 9834, 2023.
16. A.Tanasescu, D.Constantinescu, P.G.Popescu, *Distribution of controlled unitary quantum gates towards factoring large numbers on todays small-register devices*, Nature Sci Rep, 12, 21310, 2022.
17. B.C.Ciobanu, F.Pop, P.G.Popescu, *A fast way to compute definite integrals*, Soft Computing, 26, 1348513488, 2022.
18. B.C.Ciobanu, V.Iancu, P.G.Popescu, *EntangleNetSat: A Satellite-Based Entanglement Resupply Network*, IEEE Access, 10, 69963-69971, 2022.

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19. A.Tanasescu, M.Carabas, F.Pop, P.G.Popescu, *Scalability of k -Tridiagonal Matrix Singular Value Decomposition*, Mathematics, 9(23), 3123, 2021.
 20. A.Tanasescu, M.O.Choudary, O.Rioul, P.G.Popescu, *Tight and Scalable Side-Channel Attack Evaluations through Asymptotically Optimal Massey-like Inequalities on Guessing Entropy*, Entropy, 23(11), 1538, 2021.
 21. A.Tanasescu, A.Balan, P.G.Popescu, *Zero-correlation entanglement vs. Schmidt rank*, European Physical Journal Plus, Volume: 136, Issue: 5, 2021.
 22. A.Tanasescu, P.G.Popescu, *Separability of heterogeneous quantum systems using multipartite concurrence and tangle*, Quantum Information Processing, Volume: 20, Issue: 2, 2021.
 23. A.Tanasescu, P.G.Popescu, *Exploiting the Massey Gap*, Entropy, Volume: 22, Issue: 12, 2020.
 24. A.Tanasescu, P.G.Popescu, *Separability of heterogeneous multipartite quantum systems using Bloch Vectors*, Quantum Information Processing, Volume: 19, Issue: 6, Article Number: 176, 2020, ISSN: 1570-0755.
 25. A.Tanasescu, V.-F.Iliescu, P.G.Popescu, *Optimal entanglement-assisted almost-random access codes*, Physical Review A, Volume: 101, Issue: 4, Article Number: 042309, 2020, ISSN: 2469-9926.
 26. R.Constantinescu, R.C.Poenaru, F.Pop, P.G. Popescu, *A new version of KSOR method with lower number of iterations and lower spectral radius*, Soft Computing, Volume: 23, Issue: 22, Pages: 11729-11736, 2019.
 27. A.Tanasescu, P.G.Popescu, *Bloch vector norms of separable multi-partite quantum systems*, EPL, Volume: 126, Issue: 6, Article Number: 60003, 2019, ISSN: 0295-5075.
 28. A.Tanasescu, M.-Z.Mina, P.G.Popescu, *Non-local quantum functions and the distributed Deutsch-Jozsa algorithm*, Physics Letters A, Volume: 383, Issue: 18, Pages: 2168-2171, 2019, ISSN: 0375-9601.
 29. A.Tanasescu, P.G. Popescu, *A fast singular value decomposition algorithm of general k -tridiagonal matrices*, Journal of Computational Science, Volume 31, February 2019, Pages 1-5.
 30. M.Z. Mina, P.G. Popescu, *EntangleNet: Theoretical Reestablishment of Entanglement in Quantum Networks*, Applied Sciences, 2018, 8(10), 1935.
 31. M.Carabaş, P.G.Popescu, *Energy-efficient virtualized clusters*, Future Generation Computer Systems, Volume 74, September 2017, p. 151-157, ISSN: 0167-739X.
 32. P.G.Popescu, R.Poenaru, F.Pop, *New third-order Newton-like method with lower iteration number and lower TNFE*, Soft Computing, Vol. 21 (2), 2017, p. 459-466, ISSN: 1432-7643.
 33. P.G.Popescu, E.I.Slusanschi, V.Iancu, F.Pop, *A new upper bound for Shannon entropy. A novel approach in modeling of Big Data applications*, Concurrency and Computation: Pract. & Exper., Vol. 28 (2), 2016, p. 351-359, ISSN: 1532-0634.
 34. P.G. Popescu, S.S. Dragomir, E.I. Slusanschi, O.N. Stanasila, *Bounds for Kullback-Leibler Divergence*, Electronic Journal of Differential Equations, Article number 237, 2016, ISSN: 1072-6691.
 35. L. Diez, P.G. Popescu, R. Agüero, *A Geometric Programming Solution for the Mutual Interference Model in HetNets*, IEEE Communications Letters, Vol. 20 (9), 2016, p. 1876-1879, ISSN: 1089-7798.
 36. P.G.Popescu, E.I.Slusanschi, V.Preda, *Towards a New Bound for a Matrix Norm*, Carpathian Journal of Mathematics, Vol. 31 (2), May 2015, p. 255 - 260, ISSN: 1584-2851.
 37. P.G.Popescu, J.L.Díaz-Barrero, *Annuli for the Zeros of a Polynomial*, U.P.B. Scientific Bulletin Series A, Vol. 77(4), 2015, p. 147 - 156, ISSN: 1223-7027.
 38. P.G.Popescu, V.Preda, E.I.Slusanschi, *Bounds for Jeffreys-Tsallis and Jensen-Shannon-Tsallis divergences*, Physica A, Vol. 413, November 2014, p. 280 - 283, ISSN: 0378-4371.
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39. P.G.Popescu, F.Pop, A.Herişanu, N.Tăpuş, *New inequalities between information measures of network information content*, Mathematical Problems in Engineering, Article Number 175769, 2013, p. 1 - 3, ISSN: 1563-5147.
 40. N. Tăpuş, P.G.Popescu, *New Entropy Upper Bound*, Applied Mathematics Letters, Vol. 25, 2012, p. 1887 - 1890, ISSN: 0893-9659.
 41. P.G.Popescu, J.L.Díaz-Barrero, *New rational identities for Entropy involving zeros and coefficients of complex polynomials*, U.P.B. Scientific Bulletin Series A, Vol. 74, 2012, p. 37 - 46, ISSN: 1223-7027.
 42. J.L.Díaz-Barrero, J.J.Egozcue, P.G.Popescu, *Some results on the geometry of zeros of polynomials*, Proceeding of the Romanian Academy Series A, Vol. 12, No. 1, Martie 2011, p. 16-21, ISSN: 1454-9069.
 43. E.Panaitescu, P.G.Popescu, P.Coza, M.Popa, *Bayesian and non-Bayesian estimators using record statistics of the modified-inverse Weibull distribution*, Proceeding of the Romanian Academy Series A, Vol. 11, No. 3, September 2010, p. 224-231, ISSN: 1454-9069.
 44. P.G.Popescu, J.L.Díaz-Barrero, *Problem 11465*, American Mathematical Monthly, (116 (9) : 845-845 (2009)), ISSN: 0002-9890.
 45. J.L.Díaz-Barrero, M.Grau-Sánchez, P.G.Popescu, *Refinements of Aczél, Popoviciu and Bellman's inequalities*, Computers and Mathematics with Applications, Vol. 56, No. 9, November 2008, p. 2356-2359, ISSN: 0898-1221.
 46. J.L.Díaz-Barrero, P.G.Popescu, *Problem 11326*, American Mathematical Monthly, (114 (9) : 836-836 (2007)), ISSN: 0002-9890.
 47. J.L.Díaz-Barrero, P.G.Popescu, *A polynomial and its zeros*, American Mathematical Monthly, Vol. 114, No. 7, August-September 2007, p. 645-647, ISSN: 0002-9890.
 48. J.L.Díaz-Barrero, J.G.Báguena, P.G.Popescu, *Some identities involving rational sums*, Applicable Analysis and Discrete Mathematics, Vol. 1, No. 2, 2007, p. 397-402, ISSN: 1452-8630.
 49. J.L.Díaz-Barrero, P.G.Popescu, *Problem 11190*, American Mathematical Monthly, (112 (10) : 929-929 (2005)), ISSN: 0002-9890.
- Conference Articles (*part in Romanian*) ↓
50. A.Tanasescu, P.G.Popescu, *Self Improvement of the McEliece-Yu Inequality*, ISIT 2024, Athens.
 51. A.Radulescu, P.G.Popescu, M.O.Choudary, *GE vs GM: Efficient side-channel security evaluations on full cryptographic keys*, CHES 2022, Leuven.
 52. P.G.Popescu, M.O.Choudary, *Refinement of Massey Inequality*, ISIT 2019, Paris.
 53. M.O.Choudary, P.G.Popescu, *Back to Massey: Impressively fast, scalable and tight security evaluation tools*, CHES 2017, Taipei.
 54. P.G.Popescu, E.Sluşanschi, *A New Bound in Information Theory*, CSCS 2015, Bucharest.
 55. R.C.Poenaru, R.Constantinescu, P.G.Popescu, *New third-order method for solving nonlinear equations with lower iteration number*, CSCS 2015, Bucharest.
 56. P.G.Popescu, *Comparison of estimates using record statistics from modified-inverse Weibull model: Bayesian and non-Bayesian approaches*, Proceedings of the 17th European Young Statisticians Meeting, 2011, Lisbon.
 57. P.G.Popescu, S.Osiceanu, *The discrete logarithm Problem in cyclic subgroups of not necessary cyclic groups*, IEEE 1st International Conference on Information Technology, IT2008, Gdansk.
 58. P.G.Popescu, *Obtaining rational identities involving polynomials*, Arhimede - International symposium of pure and applied mathematics, 2006, Bucharest.
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59. P.G.Popescu, M.Popescu, *Grupuri de funcții (Groups of functions)*, Arhimede - International symposium of pure and applied mathematics, 2006, Bucharest.
60. P.G.Popescu, M.Popescu, *Ecuatii de gradul II cu matrice de ordinul II (Equations of degree 2 with matrices of order 2)*, Arhimede - International symposium of pure and applied mathematics, 2005, Bucharest.
61. P.G.Popescu, J.L.Diaz-Barrero, I.V.Maftai, *Zero and coefficient Identities and Inequalities*, Arhimede - International symposium of pure and applied mathematics, 2005, Bucharest.
62. P.G.Popescu, C.Lupu, *Asupra unei inegalități (About an inequality)*, Arhimede - International symposium of pure and applied mathematics, 2005, Bucharest.
63. P.G.Popescu, *Inegalități cu ponderi stabilite (Inequalities with weights well established)*, Arhimede - International symposium of pure and applied mathematics, 2005, Bucharest.
64. P.G.Popescu, *Elemente inversabile în monoizi (Invertible elements in monoids)*, Simpozionul Național de Matematică al revistei *Arhimede*, 2004, Bucharest.
65. P.G.Popescu, *O extindere a teoremei lui Lagrange (An extension of a theorem of Lagrange)*, Simpozionul Național de Matematică al revistei *Arhimede*, 2004, Bucharest.
66. P.G.Popescu, *Inegalități geometrice (Geometrical Inequalities)*, Simpozionul de Matematică Miron Nicolescu, 2001, Bucharest.
- Other Journal Articles (*part in Romanian*) ↑
67. P.G.Popescu, M.Popescu, *Îmbunătățirea unor inegalități (Improvement of some inequalities)*, Revista *Arhimede*, nr. 7-8, 2002, p. 25-26.
68. P.G.Popescu, *Problema XI.178[a matrix identity]*, Revista *Arhimede*, 11-12/2002, p.52.
69. P.G.Popescu, *Asupra unei probleme date la O.B.M. (About a problem from OBM)*, *Gazeta Matematică*, CVII, nr. 11, 2002, p. 436-437.
70. P.G.Popescu, *Aplicații ale celui de-al doilea punct al lui Brocard (Applications of the second Brocard point)*, Revista *Arhimede*, nr. 1-2, 2003, p. 28-30.
71. P.G.Popescu, *Problema 24835[from an f endomorphism on G , any group, we have G commutative]*, *Gazeta Matematică*, 1/2003, p.43.
72. P.G.Popescu, *Problema 24916[for H subgroup of G , any finite, with an property of cardinality, yields $H=G$]*, *Gazeta Matematică*, 5-6/2003, p.244.
73. P.G.Popescu, *Problema XI.198[the limit of some sequences that form a second order matrix]*, Revista *Arhimede*, 5-6/2003, p.59.
74. P.G.Popescu, *Problema XI.208[matrix identities]*, Revista *Arhimede*, 7-8/2003, p.59.
75. P.G.Popescu, *Proprietăți de stabilitate în monoizi (Stability properties in monoids)*, *Gazeta Matematică*, CVIII, nr. 9, 2003, p. 328-330.
76. P.G.Popescu, *Problema XI.218[two equivalent matrix identities]*, Revista *Arhimede*, 11-12/2003, p.56.
77. P.G.Popescu, *Problema XII.176[the limit of a function]*, Revista *Arhimede*, 11-12/2003, p.57.
78. P.G.Popescu, I.V.Maftai *Contribuții la stabilirea unor inegalități geometrice (Some geometrical inequalities)*, Revista *Arhimede*, nr. 11-12, 2004, p. 10-16.
79. P.G.Popescu, *O extindere a teoremei lui Lagrange (Extension of a theorem of Lagrange)*, Revista *Arhimede*, nr. 1-2, 2004, p. 5-8.
80. P.G.Popescu, *On a functional equation*, Revista *Arhimede*, nr. 5-6, 2004, p. 12-13.
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81. P.G.Popescu, *Problema XII.188*[with a f endomorphism on G , any group, we have G comutative if and only if f is automorphism], Revista Arhimede, 5-6/2004, p.55.
 82. P.G.Popescu, *Problema XII.189*[with a f endomorphism on G , yields f automorphism], Revista Arhimede, 5-6/2004, p.55.
 83. P.G.Popescu, *Problema XI.244*[a second order matix constructed by a convergent real number se-
quence], Revista Arhimede, 7-8/2004, p.47.
 84. P.G.Popescu, *Problema XII.194*[from a f endomorphism surjective on G , any group, yields G com-
mutative], Revista Arhimede, 7-8/2004, p.47.
 85. P.G.Popescu, *Problema XII.202*[an equation in an integer ring], Revista Arhimede, 9-10/2004, p.39.
 86. P.G.Popescu, *Problema XII.203*[from f endomorphism on G and $a \in G - Ker(f)$, any group, yields
 f automorphism], Revista Arhimede, 11-12/2004, p.58.
 87. I.V.Maftai, P.G.Popescu, *Contribution to the Establishment of some Geometric Inequalities*, Octogon
Mathematical Magazine, Vol. 12, No. 1, April 2004, p. 182-208, ISSN: 1222-5657.
 88. P.G.Popescu, M.Popescu, *Ecuatii de grad 2 cu matrice de grad 2 (Equations of second degree with
second order matrix)*, Revista Arhimede, nr. 3-4, 2005, p. 30-32.
 89. P.G.Popescu, *Problema XII.218*[considering an endomorphism surjective on G yields G commutative],
Revista Arhimede, 5-8/2005, p.56.
 90. P.G.Popescu, J.L.Diaz-Barrero, *Certain Zero and Coefficient Inequalities*, Revista Arhimede, nr. 5-8,
2005, p. 2-6.
 91. J.L.Díaz-Barrero, P.G.Popescu, *Elementary numerical inequalities for convex functions*, RGMIA -
research report collection (online and paper), 2005, 8(2):1-6, ISSN: 1443-5764.
 92. P.G.Popescu, *Problema 31*, La Gaceta de la RSME, (Vol. 8.1 (2005)), ISSN 1138-8927.
 93. P.G.Popescu, *Problema 37*, La Gaceta de la RSME, (Vol. 8.2 (2005)), ISSN 1138-8927.
 94. I.V.Maftai, P.G.Popescu, *Problema 58*, La Gaceta de la RSME, (Vol. 9.2 (2006)), ISSN 1138-8927.
 95. I.V.Maftai, P.G.Popescu, *Problema 68*, La Gaceta de la RSME, (Vol. 9.3 (2006)), ISSN 1138-8927.
 96. J.L.Díaz-Barrero, P.G.Popescu, *Some Identities Involving Complex Polynomials*, RGMIA - research
report collection (online and paper), 2006, 9(2):1-6, ISSN: 1443-5764.
 97. J.L.Díaz-Barrero, J.G.Báguena, P.G.Popescu, *Identities Involving Rational Sums*, RGMIA - research
report collection (online and paper), 2006, 9(4):1-5, ISSN: 1443-5764.
 98. P.G.Popescu, J.L.Díaz-Barrero, *Certain Inequalities for Convex Functions*, Journal of Inequalities in
Pure and Applied Mathematics, 2006, 7(2):1-5, ISSN: 1443-5756.
 99. J.L.Díaz-Barrero, P.G.Popescu, *Certain Inequalities for Means*, Octogon Mathematical Magazine,
Vol. 14, No. 1, April 2006, p. 134-137, ISSN: 1222-5657.
 100. J.L.Díaz-Barrero, P.G.Popescu, *Problem B-1025*, Fibonacci Quarterly, (44 (4) : 371-371, 2006), ISSN:
0015-0517.
 101. J.L.Díaz-Barrero, P.G.Popescu, *Problema U25*, Math. Reflections, (5 (2006)).
 102. J.L.Díaz-Barrero, P.G.Popescu, *Problema U26*, Math. Reflections, (5 (2006)).
 103. J.L.Díaz-Barrero, P.G.Popescu, *Inequalities Derived Using Langrange's Theorem*, Octogon Mathe-
matical Magazine, Vol. 15, No. 1, April 2007, p. 80-83, ISSN: 1222-5657.
 104. J.L.Díaz-Barrero, J.G.Báguena, P.G.Popescu, *Inequalities Involving the Medians and the Area of
a Triangle*, Octogon Mathematical Magazine, Vol. 15, No. 2, October 2007, p. 725-729, ISSN:
1222-5657.
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105. J.L.Díaz-Barrero, P.G.Popescu, *An Exponential Inequality*, Fibonacci Quarterly, Vol. 45, No. 3, 2007, p. 279-280, ISSN: 0015-0517.
106. P.G.Popescu, J.L.Díaz-Barrero, *Problem B-1039*, Fibonacci Quarterly, (45 (3) : 278-278, 2007), ISSN: 0015-0517.
107. P.G.Popescu, J.L.Díaz-Barrero, *Problem 3269*, Crux Mathematicorum with Mathematical Mayhem, (33 (6) : 367-367 (2007)), ISSN 1706-8142.
108. J.L.Díaz-Barrero, P.G.Popescu, *Problem 3281*, Crux Mathematicorum with Mathematical Mayhem, (33 (7) : 429-429 (2007)), ISSN 1706-8142.
109. J.L.Díaz-Barrero, P.G.Popescu, *Problem 3282*, Crux Mathematicorum with Mathematical Mayhem, (33 (7) : 429-429 (2007)), ISSN 1706-8142.
110. I.V.Maftai, P.G.Popescu, *Problema 85*, La Gaceta de la RSME, (Vol. 10.2 (2007)), ISSN 1138-8927.
111. J.L.Díaz-Barrero, P.G.Popescu, *Problema 120*, La Gaceta de la RSME, (Vol. 11.4 (2008)), ISSN 1138-8927.
112. J.L.Díaz-Barrero, P.G.Popescu, *Problem 3313*, Crux Mathematicorum with Mathematical Mayhem, (34 (2) : 104-104 (2008)), ISSN 1706-8142.
113. J.L.Díaz-Barrero, P.G.Popescu, *Problem H-674*, Fibonacci Quarterly, (46/47 (3) : 283-283, 2009), ISSN: 0015-0517.
114. P.G.Popescu, J.L.Díaz-Barrero, *A sum of inverse of Fibonacci numbers*, Fibonacci Quarterly, Vol. 46/47, No. 1, 2009, p. 88-89, ISSN: 0015-0517.
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