Editorial boards

• Journal of Optimization Theory and Applications, associate editor.
• European Journal of Finance, associate editor
• Journal of Portfolio Management, advisory board
• European Journal of Pure and Applied Mathematics, associate editor.
• Journal of Derivatives and Hedge Funds, former associate editor.
• Annals of Financial economics, advisory board.
• Journal of Risk Model validation, associate editor (former).
• Journal of risk and financial management (former editorial board member).
• Advances in Decision Sciences.
•Risks, topical board
•Mathematical Economics Letters, former Editor-in-chief.
• IETI Transactions on Economics and Management, Editor-in-chief.
• Journal of Business Accounting and Finance Perspectives
• MPDI Sci, Advisory board.
• Journal of Management Information and Decision Sciences, advisory board.
• Journal of Advances in Economics and Finance
• International Journal of Open Problems of Computer Science and Mathematics.
• International Journal of Mathematics, Game Theory, and Algebra, editorial board Member.
• International Journal of Financial Markets and Derivatives, co-editor.
• International Journal of Energy Optimization and Engineering, editorial board member.
• International Research Journal of Applied Finance, editorial board member.
• .International Journal of E-Business Development, editorial board member.
• Journal of Health and Medical Economics, editorial board member
• Journal of Informatics and Data Mining, editorial board member
• Open Access Journal of Science
• International Journal of Finance, advisory board
• Permanent reviewer for the **American Mathematical Society.**
• International Engineering and Technology Institute, a permanent fellow.

Selected publications

- Moawia Alghalith, Pricing the American options using the Black–Scholes pricing formula, Physica A: Statistical Mechanics and its Applications, Volume 507, 2018, Pages 443-445.

- Marco Frasca, Alfonso Farina, Moawia Alghalith, Quantized noncommutative Riemann manifolds and stochastic processes: The theoretical foundations of the square root of Brownian motion, Physica A: Statistical Mechanics and its Applications, Volume 577,2021, 126037.

- Alghalith, M (2020). Pricing the American options: A closed-form, simple formula. Physica A: Statistical Mechanics and its Applications, Volume 548, 15 June 2020, 123873.
  Alghalith, M. (2020). Pricing options under simultaneous stochastic volatility and jumps: A simple closed-form formula without numerical/computational method. Physica A: Statistical Mechanics and its Applications, Volume 540, 2020, 123100.

- Alghalith, M. Forward dynamic utility functions: A new model and new results, European Journal of Operational Research,Volume 223, Issue 3,2012, Pages 842-845.
  Alghalith, M. (2016). A note on the theory of the firm under multiple uncertainties. European Journal of Operational Research, 251, 341-343.

- Alghalith, M. A New Stopping Time Model: A Solution to a Free-Boundary Problem. *J Optim Theory Appl* **152,** 265–270 (2012).
  Alghalith, M. (2016). A note on a new approach to both price and volatility jumps: An application to the portfolio model. The ANZIAM Journal (Cambridge), 58, 182-186.
  Alghalith, M. (2016). Estimating the Stock/Portfolio Volatility and the Volatility of Volatility: A New Simple Method. Econometric Reviews, 35, 257-262.

- M Alghalith. A new stochastic factor model: general explicit solution. Applied Mathematics Letters 22 (12), 1852-1854