





























- [28]. Ayadi, R., & Mouley, S. (2013). Monetary policies, banking systems, regulatory convergence, efficiency and growth in the mediterranean. Springer.
- [29] Al-Salih, R., & Bohner, M. Linear programming problems on time scales. *Applicable Analysis and Discrete Mathematics*, 12(1), 192-204. (2018)
- [30] Al-Salih, R., & Bohner, M. J. Separated and state-constrained separated linear programming problems on time scales. *Boletim da Sociedade Paranaense de Matemática*, 38(4), 181-195. (2020)
- [31] Hamed, Q. A., Al-Salih, R., & Laith, W. The analogue of regional economic models in quantum calculus. In *Journal of Physics: Conference Series* (Vol. 1530, No. 1, p. 012075). IOP Publishing. (2020)
- [32] Ghaeli, M. Measuring the relative efficiency of banks using DEA method. *Accounting*, 3(4), 221-226. (2017)
- [33] Lafta, M. H., Sulaiman, A. A., & Al-Salih, R. A Computational Procedure Using Robust Ranking Method to Formulate and Solve Fuzzy DEA Models. In *Journal of Physics: Conference Series* (Vol. 1879, No. 3, p. 032006). IOP Publishing. (2021)
- [34]. احمد احمد حسن, س. و سيدة. (2019). قياس كفاءة المصارف التجارية المدرجة في البورصة المصرية باستخدام تحليل مغلف البيانات DEA. *المجلة العلمية للإقتصاد و التجارة*, 49(2), 111-164.
- [35]. عشي, و عادل. (2017). تحسين كفاءة المؤسسات الصحية باستخدام أسلوب تحليل مغلف البيانات وعملية التحليل الهرمي. (Doctoral dissertation, UB1).
- [36]. بتال, احمد حسن, و عادل. (2012) دراسة وتحليل كفاءة اداء المصارف الخاصة في العراق باستخدام تقنية تحليل مغلف البيانات, اطروحة دكتوراه, جامعة بغداد
- [19]. Cvilikas, A., & Jurkonyte-Dumbliauskiene, E. (2016). Assessment of risk management economic efficiency applying economic logistic theory. *Transformations in Business & Economics*, 15(3/39), 207-219.
- [20]. Alber, N., Elmofty, M., Kishk, I., & Sami, R. (2019). Banking efficiency: concepts, drivers, measures, literature and conceptual model. *Drivers, Measures, Literature and Conceptual Model* (January 5, 2019).
- [21]. Jaouadi, S., & Zorgui, I. (2014). Exploring effectiveness and efficiency of banks in Switzerland. *International Journal of Academic Research in Business and Social Sciences*, 4(4), 313-325.
- [22]. Iršová, Z., & Havránek, T. (2010). Measuring bank efficiency: a meta-regression analysis. *Prague Economic Papers*, 19(10), 307-328.
- [23]. Umeir, A. A. (2018). Measuring Performance Efficiency of Iraqi Banks. *Managerial Studies Journal*, 10(21).
- [24]. Jacob, A., & Jaap, W. (2008). A theoretical and empirical framework for the analysis of profitability, competition and efficiency.
- [25]. Faraj, Z. S. (2021). Measuring Banking Operational Efficiency and its Impact on Productivity: An Applied Study on Selected Iraqi Private Banks
- [26]. Jearah, N. S., Odeh, A. A. H., Dehash, Q. M., & Ibrahim, Z. H. (2020). Evaluating Banking Performance by Using the CAMELS Evaluation System in Iraqi Banks. *Multicultural Education*, 6(3).
- [27]. Charnes, A., Cooper, W. W., & Rhodes, E. (1978). Measuring the efficiency of decision making units. *European journal of operational research*, 2(6), 429-444.