



Curriculum vitae

Name: Najeeb Abdulaleem

Nationality: Republic of Yemen

E-mail: nabbas985@gmail.com

Research Interests:

- Optimization.
- Mathematical programming.
- Generalized convexity.

Work Experience:

- 2008- Now Lecturer at Hadhramout University, Yemen.
- 2011-2012 Lecturer at University of Science and Technology, Yemen.
- 2007-2008 Teacher, Ministry of Education, Al-Mahara, Yemen.

Publications:

1. T. Antczak, N . **Abdulaleem**, (2019). E-optimality conditions and Wolfe E-duality for E-differentiable vector optimization problems with inequality and equality constraints, *Journal of Nonlinear Sciences and Applications*, 12, (2019), pp. 745--764
- 2- **N. Abdulaleem**: E-invexity and generalized E-invexity in E-differentiable multiobjective programming. In *ITM Web of Conferences* (Vol. 24, p. 01002). EDP Sciences, 2019.

- 3- **N. Abdulaleem**: E-optimality Conditions for E-differentiable E-invex Multiobjective Programming Problems. WSEAS Transactions on Mathematics, volume 18, pp. 14-27, 2019.
- 4- **N. Abdulaleem**: Wolfe E-duality for E-differentiable Vector Optimization Problems in E-invex with Inequality and Equality Constraints. WSEAS Transactions on Mathematics, volume 17, pp. 329-339, 2018.
- 5- T. Antczak, **N. Abdulaleem**: E-saddle point criteria for E-differentiable vector optimization problems with inequality and equality constraints, Journal of Mathematics and Statistics, 2019.
- 6- T. Antczak, **N. Abdulaleem**: Optimality conditions for E-differentiable vector optimization problems with the multiple interval-valued objective function, Journal of Industrial and Management Optimization, 2019.
- 7- **N. Abdulaleem**: E-duality results for E-differentiable E-invex multiobjective programming problems, In Journal of Physics: Conference Series (Vol. 1294, No. 3, (2019) ,p. 032027). IOP Publishing
- 8- T. Antczak, **N. Abdulaleem**: Optimality and duality results for E-differentiable multiobjective fractional programming problems under E-convexity. *Journal of Inequalities and Applications*, 2019(1), 292, 2019.
- 9- **N. Abdulaleem**: Wolfe E-duality for E-differentiable E-invex Vector Optimization Problems with Inequality and Equality Constraints. *2018 International Conference on Applied Mathematics & Computational Science (ICAMCS. NET)*. IEEE, 2018.
- 10 - **N. Abdulaleem**: E-duality results for E-differentiable vector optimization problems under (generalized) E-convexity, 6th International Conference on Recent Advances in Pure and Applied Mathematics, (pp. 9-26), *Istambul, Turkey*, 2019.

Conference Proceedings:

- 1- **N. Abdulaleem**, Wolfe E-duality for E-differentiable Vector Optimization Problems in E-invex with Inequality and Equality Constraints, in the international conference on applied Mathematics & Computational Science, Budapest, Hungary, October 6-8, 2018.
- 2- **N. Abdulaleem**, E-invexity and generalized E-invexity in E-differentiable multiobjective programming, 3rd International Conference Applied Mathematics, Computational Science and Systems Engineering (AMCSE 2018) Rome, Italy, November 23-25, 2018.

3- **N. Abdulaleem**, E-duality results for E-differentiable E-invex multiobjective programming problems, International Scientific Conference (2nd ISC) on the 24-25th April 2019, Al-Qadisiyah, Iraq .

4- **N. Abdulaleem**, E-duality results for E-differentiable vector optimization problems under (generalized) E-convexity, International Conference on Recent Advances in Pure and Applied Mathematics, Istanbul, Turkey, 12-15 June, 2019.

5- **N. Abdulaleem**, Optimality conditions for E-differentiable fractional optimization under E-invexity, International Conference on Recent Advances in Pure and Applied Mathematics, Istanbul, Turkey, 12-15 June, 2019.

Seminars, Summer schools:

1- Seminarium Katedry Algorytmów i Baz Danych "Teoria i metody numeryczne optymalizacji. Teoria i zastosowania algorytmów ewolucyjnych" - kat/dok , E-invexity and generalized E-invexity in E-differentiable multiobjective programming, Nov. 11, 2018, łodz, Poland

2- Seminarium Katedry Algorytmów i Baz Danych "Teoria i metody numeryczne optymalizacji. Teoria i zastosowania algorytmów ewolucyjnych" - kat/dok , Optimality conditions for E-differentiable vector optimization problems with inequality and equality constraints, 5th December, 2017, łodz, Poland.

3- Seminarium Katedry Algorytmów i Baz Danych "Teoria i metody numeryczne optymalizacji. Teoria i zastosowania algorytmów ewolucyjnych" - kat/dok , E-optimality conditions and Wolfe E-duality for E-differentiable vector optimization problems with inequality and equality constraints, March 13, 2018, łodz, Poland.

4- Seminarium Katedry Algorytmów i Baz Danych "Teoria i metody numeryczne optymalizacji. Teoria i zastosowania algorytmów ewolucyjnych" - kat/dok , E-invexity in E-differentiable multiobjective programming, Oct 17, 2019, łodz, Poland.

5- Seminarium Katedry Algorytmów i Baz Danych "Teoria i metody numeryczne optymalizacji. Teoria i zastosowania algorytmów ewolucyjnych" - kat/dok , E-convxity in E-differentiable multiobjective programming, May 21, 2020, łodz, Poland.

6- Seminar on " operation research and it is application " Hadramout university of science & technology, Yemen. NOV.2012.

6- Seminar on "Nuclear Diffusion " Hadhramout university of science & technology, Yemen. OCT, 2010.

Subjects I have taught at Hadhramout University:

- 1-Differential Equations 1,2.
- 2-Numerical analysis 1,2.
- 3-Linear Algebra.
- 4-Probability and Statistic.
- 5-Calculus 1,2,3,4.

Subjects I have taught at University of Lodz:

- Numerical analysis

Membership in scientific institutions:

- 1-Member of teaching staff syndicate, Hadhramout university of science & technology, Al-maharah, Yemen.
- 2-Member of department of Mathematics and secretary of the department, Hadhramout university of science & technology, Al-maharah, Yemen.
- 3-Syndicate leader, Ministry of Education, Hasween, Al-mahara, Yemen.

Key skills:

- Arabic (native).
- English.
- Polish.
- Software skills, including using Matlab, Latex.

Awards:

- Honored by the President of Yemen and awarded a Scientific Excellence Certificate for scoring the first rank in the undergraduate program: Hadhramout University, Yemen
- Honored by the Rector of Hadhramout University and awarded a shield for scoring the first rank in the undergraduate program: Hadhramout University, Yemen.

