

CV

1 .Name Surname : *Waleed Tajeldin Hassan Fadel*

Address : *Ozgur street block A1, flat :5, GAU residence ,alsancak, girne*
Telephone : *+905338764232*
Email : *waleedfadel@gau.edu.tr*

2. Date of Birth :

3. Title : *Asst. Prof, Dr.*

4.Education History

Degree	Subject	University	Year
Bachelors	Electrical engineering	Sudan University of Science and Technology	2003
Masters	Electrical engineering	Sudan University of Science and Technology	2007
PhD	Electrical-Electronics Engineering	Ege University	2017

5. Academic Awards.

6. Masters and PhD Dissertations (Theses).

6.1 Master Theses.

"Protection Coordination & LV Feeders Settings as Per Short Circuit Analysis"

6.2 PhD Theses.

7. Publications.

7.1 International journals and published articles.

1. Waleed Fadel, Ulas Kilic, and Sezai Taskin. "Placement of Dg, Cb, and Tcsc in radial distribution system for power loss minimization using back-tracking search algorithm." *Electrical Engineering* 99 (2017): 791-802.

2. Waleed Fadel, Ulaş KILIÇ, and Sezai TAŞKIN. "Optimal placement of multiple DGs in radial distribution systems to minimize power loss using BSA." *Celal Bayar University Journal of Science* 17.2 (2021): 199-207.

3. Waleed Fadel, Ulas Kilic, and Kürşat Ayan. "Optimal reactive power flow of power systems with two-terminal HVDC and multi distributed generations using backtracking search algorithm." *International Journal of Electrical Power & Energy Systems* 127 (2021): 106667.

4. Bawazir, Raimon O., Numan S. Çetin, and Waleed Fadel. "Optimum PV distributed generation based on grid and geographical area: A case study of Aden governorate, Yemen." *Energy Conversion and Management* 297 (2023): 117703.

5. Arab, Meraa, and Waleed Fadel. "Optimal Reactive Power Flow of AC-DC Power System with Shunt Capacitors Using Backtracking Search Algorithm." *Energies* 17.3 (2024): 749.

6. Bawazir, Raimon O., Numan S. Çetin, and Waleed Fadel. "Optimum ground-mounted ongrid connected photovoltaic system." *Journal of Cleaner Production* (2024): 141294.

7. Waleed Fadel. "A Review of Distributed Generation Optimization with Shunt Capacitors in

7.2 Conference Presentations at International Scientific meeting.

1. *Waleed Fadel, Ulas Kilic and Sezai Taskin. Optimal placement of multiple DG and network reconfiguration to minimize power loss using Backtracking Search Algorithm. International Conference on Green Technologies and Energy Efficiency (ICGTEE), Sakarya University, Sep. 28 ~ Oct. 1, 2016 in, Turkey.*

2. *Waleed Fadel, Ulas Kilic and Sezai Taskin .Optimal placement of different types of DGs to improve radial system performance using ABC algorithm. International Conference on Green Technologies and Energy Efficiency (ICGTEE), Sakarya University, Sep. 28 ~ Oct. 1, 2016 in, Turkey.*

3. *Waleed Fadel, Ulas Kilic and Sezai Taskin .Optimally integration of DG, CB and TCSC with configured network using back-tracking search algorithm for power loss minimization. International Students Science Conference. Izmir KatipÇelebi University, 5-6 march 2017, Turkey.*

4. *Waleed Fadel, Ulas Kilic, Sezai Taskin and A.M. Mirlatifi,. Optimal placement of DG and CB with system reconfiguration in radial distribution systems for power loss minimization using backtracking search algorithm. Fifth International Symposiyon on Engineering, Artificial intelligence & Applications (ISEAIA) Girne American University, North. Cyprus 01~ 03 Nov. 2017.*

5. *Waleed Fadel, Ulas Kilic and A.M. Mirlatifi, Optimal network reconfiguration with multipleDGs to minimize power loss using BSA. Fifth International Symposiyon on Engineering, Artificial intelligence & Applications (ISEAIA) Girne American University, North. Cyprus 01~ 03 Nov. 2017.*

6. *A.M. Mirlatifi and Waleed Fadel. An Accurate Interface Tracking in Stefan Problem Using Finite Volume Method, Fifth International Symposiyon on Engineering, Artificial intelligence & Applications (ISEAIA) Girne American University, North. Cyprus 01~ 03 Nov. 2017.*

7. *A.M. Mirlatifi, and Waleed Fadel, An Alternative Method of Forecasting for Energy and Demand, Fifth International Symposiyon on Engineering, Artificial intelligence & Applications (ISEAIA) Girne American University, North. Cyprus 01~ 03 Nov. 2017.*

7.3 International book publications or participation in book chapters.

7.4 Articles published in journals.

7.5 Participations in national published scientific meetings.

7.6 Other Publications.

8. Projects

9. Administrative Duties.

10. Memberships in Scientific Organizations

11. Awards.

12 Undergraduate and graduate level courses taught in the last two years.

Academic Year	Term	Course title	Weekly Hours		Number of Students
			Theoretical	Practical	
2023/2024	Fall	Fundamentals of Electrical Engineering	2		86
		General Physics II	3		30
		Circuit Theory	3		< 10
		Power Supply & Energy transmission	3		< 10
		Güç Sistemlerinin Analizi Ve Koruma	3		< 10
2023/2024	Spring	Basic Linear Algebra	3		77
		High Voltage Techniques	3		< 10
		Power System Analysis & Protection	3		< 10
		Power System Analysis and Control	3		< 10
		Yüksek Gerilim Tekniği	3		< 10

2024/2025	Fall	Fundamentals of Electrical Engineering	2		67
		General Physics II	3		43
		Circuit Theory	3		10
		Power Supply & Energy transmission	3		< 10
		Enerji Üretimi Ve Dağıtımı	3		< 10