

## Asst. Prof. Osman PALANCI

### Personal Information

**Email:** osmanpalanci@sdu.edu.tr

**Web:** <https://avesis.sdu.edu.tr/osmanpalanci>

### Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik, Turkey Continues

Postgraduate, Akdeniz University, Institute Of Science, Matematik, Turkey Continues

Undergraduate, Ataturk University, Fen-Edebiyat Fakültesi, Matematik, Turkey Continues

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Aralık çözümlerinin aksiyomatik karakterizasyonları ve bazı uygulamalar, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik, 2016

Postgraduate, Lorentz uzayında dönme matrislerinin üretilmesi, Akdeniz University, Fen Bilimleri Enstitüsü, Matematik, 2011

### Research Areas

Social Sciences and Humanities, Management, Quantitative Methods

### Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, İktisadi Ve İdari Bilimler Fakültesi, İşletme Bölümü, 2017 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Facility Location Situations and Related Games in Cooperation**  
PALANCI O., ALPARSLAN GÖK S. Z.  
SPATIAL INTERACTION MODELS: FACILITY LOCATION USING GAME THEORY, vol.118, pp.247-260, 2017 (Journal Indexed in SCI)
- II. **Transportation interval situations and related games**  
PALANCI O., GOK S. Z. A. , OLGUN M. O. , Weber G. -.  
OR SPECTRUM, vol.38, no.1, pp.119-136, 2016 (Journal Indexed in SCI)
- III. **Cooperative grey games and the grey Shapley value**  
PALANCI O., Gok S. Z. A. , Ergun S., Weber G. -.  
OPTIMIZATION, vol.64, no.8, pp.1657-1668, 2015 (Journal Indexed in SCI)

- IV. **Cooperative games under bubbly uncertainty**  
PALANCI O., Gök S. Z. A. , Weber G. -.  
MATHEMATICAL METHODS OF OPERATIONS RESEARCH, vol.80, no.2, pp.129-137, 2014 (Journal Indexed in SCI)
- V. **Cooperative interval games: Mountain situations with interval data**  
GÖK S. Z. A. , PALANCI O., OLGUN M. O.  
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.259, pp.622-632, 2014 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **ON THE EQUAL SURPLUS SHARING INTERVAL SOLUTIONS AND AN APPLICATION**  
PALANCI O., EKİCİ M., ALPARSLAN GÖK S. Z.  
JOURNAL OF DYNAMICS AND GAMES, vol.8, no.2, pp.139-150, 2021 (Journal Indexed in ESCI)
- II. **ON THE GREY BAKER-THOMPSON RULE**  
OLGUN M. O. , PALANCI O., Gök S. Z. A.  
JOURNAL OF DYNAMICS AND GAMES, vol.7, no.4, pp.303-315, 2020 (Journal Indexed in ESCI)
- III. **SEQUENCING GREY GAMES**  
Ergun S., PALANCI O., ALPARSLAN GÖK S. Z. , Nizamoglu S., Weber G. W.  
JOURNAL OF DYNAMICS AND GAMES, vol.7, no.1, pp.21-35, 2020 (Journal Indexed in ESCI)
- IV. **Airport Situations and Games with Grey Uncertainty**  
QASIM E., ALPARSLAN GÖK S. Z. , PALANCI O., WEBER G. W.  
International journal of industrial engineering and operational research, 2019 (Refereed Journals of Other Institutions)
- V. **An Application of Cooperative Grey Games to Post-Disaster Housing Problem**  
QASIM E., ALPARSLAN GÖK S. Z. , PALANCI O.  
International Journal of Supply and Operations Management, vol.6, pp.57-66, 2019 (Refereed Journals of Other Institutions)
- VI. **On the grey equal surplus sharing solutions**  
YILMAZ a., ALPARSLAN GÖK S. Z. , EKİCİ M., PALANCI O.  
International Journal of Supply and Operations Management (IJSOM), 2018 (Refereed Journals of Other Institutions)
- VII. **The grey Shapley value: an axiomatization**  
EKİCİ M., PALANCI O., ALPARSLAN GÖK S. Z.  
IOP Conference Series: Materials Science and Engineering, 2018 (Refereed Journals of Other Institutions)
- VIII. **Cooperative Grey Games: Grey Solutions and an Optimization Algorithm**  
PALANCI O., OLGUN M. O. , ERGÜN S., ALPARSLAN GÖK S. Z. , WEBER G. W.  
International Journal of Supply and Operations Management (IJSOM), 2017 (Refereed Journals of Other Institutions)
- IX. **Alternative Axiomatic Characterizations of the Grey Shapley Value**  
PALANCI O., ALPARSLAN GÖK S. Z.  
International Journal of Supply and Operations Management, vol.1, no.1, pp.69-80, 2017 (Refereed Journals of Other Institutions)
- X. **On The Characterizations of The Interval Sequential Equal Contributions Rule**  
ALPARSLAN GÖK S. Z. , PALANCI O., ÜLGEN E.  
Süleyman Demirel Üniversitesi Fen Dergisi (e-Dergi), vol.10, no.2, pp.122-129, 2015 (Other Refereed National Journals)
- XI. **An axiomatization of the interval Shapley value and on some interval solution concepts**  
PALANCI O., ALPARSLAN GÖK S. Z. , WEBER G. W.  
Contributions to Game Theory and Management, 2015 (Refereed Journals of Other Institutions)

## Books & Book Chapters

- I. **Peer Group Situations and Games with Grey Uncertainty**  
ALPARSLAN GÖK S. Z. , PALANCI O., YÜCESAN Z.  
in: Handbook of Research on Emergent Applications of Optimization Algorithms, , Editor, IGI Global, 2018
- II. **Facility Location Situations and Related Games in Cooperation**  
PALANCI O., ALPARSLAN GÖK S. Z.  
in: Spatial Interaction Models, Lina Mallozzi, Egidio D'xxAmato, Panos M. Pardalos, Editor, Springer International Publishing, CHAM, pp.247-260, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **Grey Baker Thompson Rule**  
PALANCI O., OLGUN M. O. , WEBER G. W. , ALPARSLAN GÖK S. Z.  
ORM 2018 IX Moscow Internationla Conference On Operations Research, 22 - 27 October 2018
- II. **Grey Transportation Games**  
OLGUN M. O. , PALANCI O., QASIM E., WEBER G. W. , ALPARSLAN GÖK S. Z.  
ORM 2018 IX Moscow Internationla Conference On Operations Research, 22 - 27 October 2018
- III. **The grey Shapley value: an axiomatization**  
Ekici M., Palanci O., Gok S. Z. A.  
4th International Conference on Operational Research (InteriOR), Medan, Indonesia, 21 - 23 August 2017, vol.300
- IV. **On Facility Location Interval Games**  
EKİCİ M., PALANCI O., ALPARSLAN GÖK S. Z.  
10TH INTERNATIONAL STATISTICS CONGRESS (ISC2017), 6 - 08 December 2017
- V. **On an approach to ratio-dependent predator-prey system**  
EKİCİ M., PALANCI O.  
10TH INTERNATIONAL STATISTICS CONGRESS (ISC2017), 6 - 08 December 2017
- VI. **Some results on cooperative grey games**  
PALANCI O., ALPARSLAN GÖK S. Z. , ALZAKI H., NİZAMOĞLU Ş.  
7TH INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS(IECMSA-2017), Budapest, Hungary, 28 - 31 August 2017, vol.1, pp.162
- VII. **On the Interval Game Theoretic Solutions and Their Axiomatizations**  
PALANCI O., ALPARSLAN GÖK S. Z. , YILMAZ BÜYÜKYAĞCI A. G.  
6th INTERNATIONAL YOUTH SCIENCE FORUM "LITTERIS ET ARTIBUS", 24 - 26 November 2016
- VIII. **Transportation Situations and Related Games with Interval Uncertainty**  
PALANCI O., ALPARSLAN GÖK S. Z. , ALZAKI H., NİZAMOĞLU Ş.  
3rd International Conference on Recent Advances in Pure and Applied Mathematics, 19 - 23 May 2016
- IX. **Transportation Situations And Related Games with Interval Uncertainty sayfa 173 ICRAPAM2016 19 23 Mayıs 2016 Bodrum Turkey [http www icrapam org topics html](http://www.icrapam.org/topics.html)**  
PALANCI O., ALPARSLAN GÖK S. Z. , Nizamoğlu Ş., Alzaki H.  
ICRAPAM 2016, 19 - 23 May 2016
- X. **An Axiomatization of the Interval Shapley Value and on Some Interval Solution Concepts**  
PALANCI O., ALPARSLAN GÖK S. Z. , WEBER G. W.  
The Eighth International Conference Game Theory and Management, 25 - 27 June 2014, vol.8, pp.243-251
- XI. **An axiomatization of the interval Shapley value and on some interval solution concepts**  
PALANCI O., ALPARSLAN GÖK S. Z. , WEBER G. W. , KARA Ü.  
European Meeting on Game Theory (SING11-GTM2015), Saint Peter, Guernsey And Alderney, 8 - 10 July 2015, vol.8, pp.243-251
- XII. **A new axiomatization of the interval Shapley value**  
PALANCI O., ALPARSLAN GÖK S. Z. , WEBER G. W. , KARA Ü.

SING11-GTM2015, EUROPEAN MEETING ON GAME THEORY, 8 - 10 July 2015

**XIII. Interval Obligation Rules and Related Results**

PALANCI O., ALPARSLAN GÖK S. Z. , Weber G. W.

7th International Conference on Game Theory and Management, St Petersburg, Russia, 26 - 28 June 2013, vol.7,  
pp.262-270

**Citations**

Total Citations (WOS):31

h-index (WOS):3