

## Prof. Dr. YALÇIN KÜÇÜK

### Kişisel Bilgiler

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### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Partial order relations on family of sets and scalarizations for set optimization**  
Karaman E., SOYERTEM M., ATASEVER GÜVENÇ İ., TOZKAN D., Kucuk M., KÜÇÜK Y.  
POSITIVITY, cilt.22, sa.3, ss.783-802, 2018 (SCI-Expanded)
- II. **A vectorization for nonconvex set-valued optimization**  
Karaman E., ATASEVER GÜVENÇ İ., SOYERTEM M., TOZKAN D., KÜÇÜK M., KÜÇÜK Y.  
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- III. **On some geometric conditions for minimality of DCH-functions via DC-duality approach**  
Kucuk M., TOZKAN D., KÜÇÜK Y.  
JOURNAL OF GLOBAL OPTIMIZATION, cilt.69, sa.4, ss.951-965, 2017 (SCI-Expanded)
- IV. **Some relationships among quasidifferential, weak subdifferential and exhausters**  
KÜÇÜK M., Urbanski R., Grzybowski J., KÜÇÜK Y., ATASEVER GÜVENÇ İ., TOZKAN D., SOYERTEM M.  
OPTIMIZATION, cilt.65, sa.11, ss.1949-1961, 2016 (SCI-Expanded)
- V. **Weak subdifferential/superdifferential, weak exhausters and optimality conditions**  
KÜÇÜK M., Urbański R., Grzybowski J., KÜÇÜK Y., ATASEVER GÜVENÇ İ., TOZKAN D., Soyertem M.  
Optimization, cilt.64, sa.10, ss.2199-2212, 2015 (SCI-Expanded)
- VI. **Reduction of Weak Exhausters and Optimality Conditions via Reduced Weak Exhausters**  
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- VII. **Some relationships among gw-subdifferential, directional derivative and radial epiderivative for nonconvex vector functions**  
KÜÇÜK Y., Atasever İ., KÜÇÜK M.  
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- VIII. **On minimal representations by a family of sublinear functions**  
Grzybowski J., KÜÇÜK M., KÜÇÜK Y., Urbański R.  
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- IX. **MINKOWSKI-RADSTROM-HORMANDER CONE**  
Grzybowski J., KÜÇÜK M., KÜÇÜK Y., Urbanski R.  
PACIFIC JOURNAL OF OPTIMIZATION, cilt.10, sa.4, ss.649-666, 2014 (SCI-Expanded)
- X. **Weak Fenchel and weak Fenchel-Lagrange conjugate duality for nonconvex scalar optimization problems**  
KÜÇÜK Y., ATASEVER GÜVENÇ İ., Kucuk M.  
JOURNAL OF GLOBAL OPTIMIZATION, cilt.54, sa.4, ss.813-830, 2012 (SCI-Expanded)
- XI. **The generalization of total ordering cones and vectorization to separable Hilbert spaces**  
Kucuk M., Soyertem M., KÜÇÜK Y.  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, cilt.389, sa.2, ss.1344-1351, 2012 (SCI-Expanded)
- XII. **Vectorization of set-valued maps with respect to total ordering cones and its applications to set-valued optimization problems**  
Kucuk M., Soyertem M., KÜÇÜK Y., ATASEVER GÜVENÇ İ.

- JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, cilt.385, sa.1, ss.285-292, 2012 (SCI-Expanded)
- XIII. **On generalized weak subdifferentials and some properties**  
KÜÇÜK Y., ATASEVER GÜVENÇ İ., Kucuk M.  
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- XIV. **On constructing total orders and solving vector optimization problems with total orders**  
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- XV. **Generalized weak subdifferentials**  
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- XVI. **Large margin classifiers based on affine hulls**  
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- XVII. **Lower and upper directional differentiability of the set valued maps and their applications**  
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## Kitaplar

- I. **İktisadi Uygulamalar**  
ERDOĞAN N. K., KÜÇÜK Y., DERELİ Y., BÜYÜKKÖROĞLU T., AKYAR E., TAKIL MUTLU F., CAFER V.  
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## Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. **On the Scalarization of Set-Valued Optimization Problems with Respect to Total Ordering Cones**  
Kucuk M., Soyertem M., KÜÇÜK Y.  
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- II. **On Dynamics of the contagion of Financial Crisis**  
KÜÇÜK Y., ÖZATA E., YILDIRIM S., YILDIRIM Z.  
I. Turgut Özal Uluslararası Ekonomi ve Siyaset Kongresi, 15 - 16 Nisan 2010, (Tam Metin Bildiri)