

## Prof. Hamdullah Şevli

### Personal Information

**Email:** hsevli@yyu.edu.tr

**Web:** <https://avesis.yyu.edu.tr/hsevli>

### Research Areas

Mathematics, Sequences, Series, Summability, Functional Analysis, Natural Sciences

### Academic Titles / Tasks

Professor, Istanbul Commerce University, Faculty Of Engineering, Department Of Computer Engineering, 2016 - 2019

Associate Professor, Istanbul Commerce University, Fen Edebiyat Fakültesi, Matematik, 2011 - 2016

### Academic and Administrative Experience

Van Yüzüncü Yil University, 2019 - Continues

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

- I. **On initial value problems of fractal delay equations**  
Khalili Golmankhaneh A., Tejado I., Şevli H., Valdés J. E. N.  
Applied Mathematics and Computation, vol.449, 2023 (SCI-Expanded)
- II. **Razumikhin qualitative analyses of Volterra integro-fractional delay differential equation with caputo derivatives**  
Graef J. R., Tunç C., Şevli H.  
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol.103, 2021 (SCI-Expanded)
- III. **Hyers-Ulam stability on local fractal calculus and radioactive decay**  
Golmankhaneh A. K., Tunç C., Şevli H.  
EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS, vol.230, no.21-22, pp.3889-3894, 2021 (SCI-Expanded)
- IV. **Mean ergodic theorems for power bounded measures**  
Mustafayev H., Şevli H.  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.500, no.1, 2021 (SCI-Expanded)
- V. **On E-J Hausdorff Transformations for Double Sequences**  
Savas R., Sevli H.  
FILOMAT, vol.33, no.2, pp.525-534, 2019 (SCI-Expanded)
- VI. **Stability of a nonlinear Volterra integro-differential equation via a fixed point approach**  
Şevgin S., Sevli H.  
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.9, no.1, pp.200-207, 2016 (SCI-Expanded)
- VII. **On double Hausdorff summability method**  
Sevli H., Savas R.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2014 (SCI-Expanded)
- VIII. **On the perturbation of Volterra integro-differential equations**

- JUNG S., Şevgin S., Sevli H.  
APPLIED MATHEMATICS LETTERS, vol.26, no.7, pp.665-669, 2013 (SCI-Expanded)
- IX. **AN APPROXIMATION PROPERTY OF GAUSSIAN FUNCTIONS**  
JUNG S., Sevli H., Şevgin S.  
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2013 (SCI-Expanded)
- X. **Some further extensions of absolute Cesàro summability for double series**  
Sevli H., Savas E.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, pp.1-9, 2013 (SCI-Expanded)
- XI. **Power series method and approximate linear differential equations of second order**  
JUNG S., Sevli H.  
ADVANCES IN DIFFERENCE EQUATIONS, 2013 (SCI-Expanded)
- XII. **Statistical convergence of double sequences in fuzzy normed spaces**  
MOHIUDDINE S. A., Sevli H., Cancan M.  
FILOMAT, vol.26, no.4, pp.673-681, 2012 (SCI-Expanded)
- XIII. **Intuitionistic fuzzy stability of a Jensen functional equation via fixed point technique**  
MOHIUDDINE S. A., Cancan M., Sevli H.  
MATHEMATICAL AND COMPUTER MODELLING, vol.54, pp.2403-2409, 2011 (SCI-Expanded)
- XIV. **On general summability factor theorem of infinite series**  
Sevli H., Savas E.  
APPLIED MATHEMATICS AND COMPUTATION, vol.218, no.3, pp.1046-1051, 2011 (SCI-Expanded)
- XV. **Complete monotonicity results for some functions involving the gamma and polygamma functions**  
Sevli H., Batir N.  
MATHEMATICAL AND COMPUTER MODELLING, vol.53, pp.1771-1775, 2011 (SCI-Expanded)
- XVI. **Stability of Pexiderized quadratic functional equation in intuitionistic fuzzy normed space**  
MOHIUDDINE S. A., Sevli H.  
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.235, no.8, pp.2137-2146, 2011 (SCI-Expanded)
- XVII. **Statistical convergence in fuzzy 2-normed space**  
Mohiuddine S. A., Şevli H., Cancan M.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.12, no.4, pp.787-798, 2010 (SCI-Expanded)
- XVIII. **On absolute summability for double triangle matrices**  
Savas E., Sevli H.  
MATHEMATICA SLOVACA, vol.60, no.4, pp.495-506, 2010 (SCI-Expanded)
- XIX. **On Asymptotically  $(\lambda, \sigma)$ -Statistical Equivalent Sequences of Fuzzy Numbers**  
Savas E., Sevli H., Cancan M.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2010 (SCI-Expanded)
- XX. **GENERALIZED HAUSDORFF MATRICES AS BOUNDED OPERATORS OVER  $A(k)$**   
Savas E., Şevli H.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.11, no.4, pp.702-710, 2009 (SCI-Expanded)
- XXI. **General absolute summability factor theorems involving quasi-power-increasing sequences**  
Sevli H.  
MATHEMATICAL AND COMPUTER MODELLING, vol.50, pp.1121-1127, 2009 (SCI-Expanded)
- XXII. **On the absolute summability factors of infinite series involving quasi-power-increasing sequences**  
Şevli H., Leindler L.  
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.57, no.5, pp.702-709, 2009 (SCI-Expanded)
- XXIII. **SUFFICIENT CONDITIONS FOR FACTORABLE MATRICES TO BE BOUNDED OPERATORS ON  $A(k)$**   
Savas E., Şevli H., RHOADES B. E.  
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.39, no.2, pp.633-644, 2009 (SCI-Expanded)
- XXIV. **A Recent Note on Quasi-Power Increasing Sequence for Generalized Absolute Summability**  
Savas E., Şevli H.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2009 (SCI-Expanded)
- XXV. **Triangles Which are Bounded Operators on  $A(k)$**

Savas E., Şevli H., RHOADES B. E.

BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.32, no.2, pp.223-231, 2009 (SCI-Expanded)

**XXVI. On Absolute Cesaro Summability**

Şevli H., Savas E.

JOURNAL OF INEQUALITIES AND APPLICATIONS, 2009 (SCI-Expanded)

**XXVII. On the Cesaro summability of double series**

Savas E., Şevli H., RHOADES B. E.

JOURNAL OF INEQUALITIES AND APPLICATIONS, 2008 (SCI-Expanded)

**XXVIII. Stability and boundedness properties of certain second-order differential equations**

Tunc C., Sevli H.

JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.344, no.5, pp.399-405, 2007 (SCI-Expanded)

**XXIX. On extension of a result of Flett for Cesaro matrices**

SAVAŞ E., Sevli H.

APPLIED MATHEMATICS LETTERS, vol.20, no.4, pp.476-478, 2007 (SCI-Expanded)

## Articles Published in Other Journals

**I. Some inequalities related to the concept of double statistical summability**

Şevli H., MOHIUDDINE S. A.

Journal of the Egyptian Mathematical Society, vol.23, no.3, pp.254-258, 2013 (Peer-Reviewed Journal)

**II. On the instability of solutions of certain fifth order nonlinear differential equations**

TUNÇ C., Şevli H.

Memoirs on Differential Equations and Mathematical Physics, vol.35, pp.147-156, 2005 (ESCI)

## Supported Projects

Şevli H., Project Supported by Higher Education Institutions, Fuzzy Sayıların asimptotik istatistiksel denk dizileri üzerine, 2008 - 2010

## Activities in Scientific Journals

İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, Editor, 2014 - 2015

## Metrics

Publication: 31

Citation (WoS): 214

Citation (Scopus): 220

H-Index (WoS): 8

H-Index (Scopus): 8

## Non Academic Experience

Yüzüncü Yıl Üniversitesi