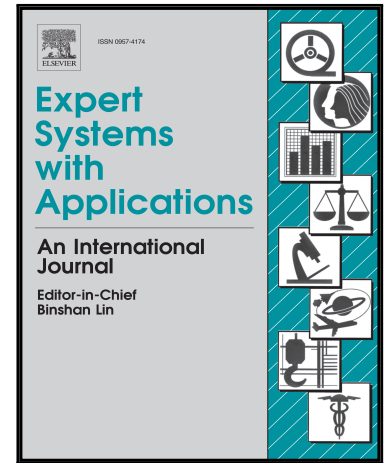


## Accepted Manuscript

### A POLYNOMIAL GOAL PROGRAMMING MODEL FOR PORTFOLIO OPTIMIZATION BASED ON ENTROPY AND HIGHER MOMENTS

Mehmet Aksarayli , Osman Pala

PII: S0957-4174(17)30738-8  
DOI: [10.1016/j.eswa.2017.10.056](https://doi.org/10.1016/j.eswa.2017.10.056)  
Reference: ESWA 11639



To appear in: *Expert Systems With Applications*

Received date: 10 May 2017  
Revised date: 10 October 2017  
Accepted date: 29 October 2017

Please cite this article as: Mehmet Aksarayli , Osman Pala , A POLYNOMIAL GOAL PROGRAMMING MODEL FOR PORTFOLIO OPTIMIZATION BASED ON ENTROPY AND HIGHER MOMENTS, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.10.056](https://doi.org/10.1016/j.eswa.2017.10.056)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- A mean variance skewness kurtosis entropy model is proposed for portfolio optimization.
- Two types of entropy measures are compared and examined in portfolio selection with higher moments.
- A new dimension is added and corrections are made on Polynomial Goal Programming Approach.
- Out-of-sample analysis is conducted with rolling window procedure for Polynomial Goal Programming.
- Data sets are taken from two different types of markets.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6855346>

Download Persian Version:

<https://daneshyari.com/article/6855346>

[Daneshyari.com](https://daneshyari.com)