

Accepted Manuscript

Graph-based Collaborative Ranking

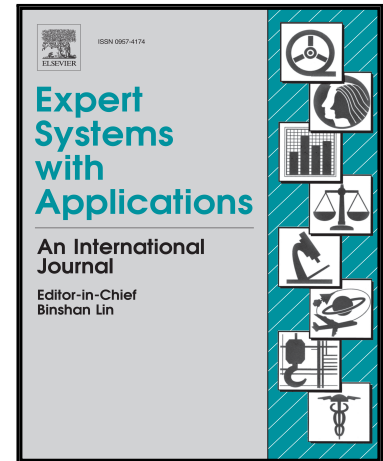
Bitá Shams , Saman Haratizadeh

PII: S0957-4174(16)30491-2
DOI: [10.1016/j.eswa.2016.09.013](https://doi.org/10.1016/j.eswa.2016.09.013)
Reference: ESWA 10877

To appear in: *Expert Systems With Applications*

Received date: 16 March 2016
Revised date: 7 September 2016

Please cite this article as: Bitá Shams , Saman Haratizadeh , Graph-based Collaborative Ranking, *Expert Systems With Applications* (2016), doi: [10.1016/j.eswa.2016.09.013](https://doi.org/10.1016/j.eswa.2016.09.013)



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

- GRank is a novel framework, designed for recommendation based on rank data
- GRank handles the sparsity problem of neighbor-based collaborative ranking.
- GRank uses the novel TPG graph structure to model users' choice context
- GRank directly ranks items for a target user using personalized PageRank in TPG
- GRank improves NDCG@10 up to 9% compared to other collaborative ranking methods

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4943712>

Download Persian Version:

<https://daneshyari.com/article/4943712>

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