Erratum


A. Hadi-Vencheh a,*, M.N. Mokhtarian b

a Department of Mathematics, Islamic Azad University, Khorasgan Branch, Isfahan, Iran
b Department of Industrial Engineering, Islamic Azad University, Najafabad Branch, Isfahan, Iran

ARTICLE INFO

Article history:
Received 10 March 2009
Accepted 29 May 2009

Keywords:
Vendor selection
TOPSIS

ABSTRACT

In a recent paper in this journal Shyur and Shih [Huan-Jyh Shyur, Hsu-Shih Shih, A hybrid MCDM model for strategic vendor selection, Mathematical and Computer Modelling 44 (2006) 749–761] propose a hybrid model for supporting the vendor selection process in new task situations. In this note we correct an error in the aforementioned paper.

© 2009 Elsevier Ltd. All rights reserved.

In a recent paper in this journal Shyur and Shih [1] propose a hybrid MCDM model for strategic vendor selection. In subsection 3.3 (Activity 2), the authors calculate the normalized decision matrix \( R(=[r_{ij}]) \). They calculate the normalized value \( r_{ij} \) as follows:

\[
r_{ij} = \frac{f_{ij}}{\sqrt{\sum_{j=1}^{n} f_{ij}^2}},
\]

where \( j = 1, \ldots, n; \ i = 1, \ldots, m. \)

By virtue of its TOPSIS feature, Eq. (1) is not correct. In fact the corrected formula is as follows:

\[
r_{ij} = \frac{f_{ij}}{\sqrt{\sum_{i=1}^{m} f_{ij}^2}}.
\]

References


* Corresponding author.
E-mail address: ahadi@khuisf.ac.ir (A. Hadi-Vencheh).

0895-7177/– see front matter © 2009 Elsevier Ltd. All rights reserved.
doi:10.1016/j.mcm.2009.05.032