ISyE 3103  Introduction to Supply Chain Modeling: Logistics

Fall 2004

Homework 1

Issued: August 16/17, 2004

Due: August 23/24, 2004

50 points.

Select an article on logistics from the reference list given, and write a summary of the article. We have selected a broad set of articles focusing on quantitative management techniques for a variety of logistics systems. The selected articles cover diverse issues in logistics, for example, supply chain collaboration, distribution network design, transportation scheduling and routing, crew scheduling, and information technology in logistics. Each of these articles is available in a journal in the Georgia Tech library; we list the call numbers at the end of this document.

Guidelines

Your summary should include at least the following: a brief statement of what the article is about; a synopsis of the major results and conclusions; lessons for people involved in logistics; and what you learned from the article.

Your summary should be typed, approximately 2 pages double spaced, font size between 10 point and 12 point, with margins between 0.5 in. and 1.0 in. You are welcome to include figures and tables from the article, in which case the summary can be longer than 2 pages. Write the complete reference to your article at the top of your summary. All other references must be given at the end of the summary. All direct quotations must be explicitly indicated as such by putting them between quotation marks. Please attach a photocopy of the first page of the article you choose to your submission.

Grading

You will be graded on the basis of the insight displayed in your summary, the clarity of your writing, as well as the difficulty of the article.

Reference citation examples

An example of a reference in text is as follows: ... Cheung and Powell (1996) developed an algorithm for dynamically assigning vehicles to tasks ...

An example of a reference listing at the top or end of your summary is as follows.

<table>
<thead>
<tr>
<th>Journal Title</th>
<th>Call Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interfaces</td>
<td>HD28.I451X</td>
</tr>
<tr>
<td>Computers and Operations Research</td>
<td>T57.6.A1 C65</td>
</tr>
<tr>
<td>Operations Research</td>
<td>Q175.O63</td>
</tr>
<tr>
<td>European Journal of Operational Research</td>
<td>T57.6 E92.</td>
</tr>
<tr>
<td>Transportation Science</td>
<td>TA1001.T73.</td>
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<tr>
<td>Transportation Research, Parts A,B,C,D</td>
<td>HE1.T86X.</td>
</tr>
</tbody>
</table>

References


