







Home ▶ All Journals ▶ Engineering & Technology ▶ International Journal of Systems Science ▶ List of Issues ▶ Volume 43, Issue 11 ▶ Vendor-buyer inventory models with trade

International Journal of Systems Science > Volume 43, 2012 - Issue 11

330 31

Views CrossRef citations to date Altmetric

Original Articles

Vendor-buyer inventory models with trade credit financing under both non-cooperative and integrated environments

Jinn-Tsair Teng ☑, Chun-Tao Chang & Maw-Sheng Chern

Pages 2050-2061 | Received 29 Jun 2010, Accepted 18 Jan 2011, Published online: 11 Apr 2011

▶ https://doi.org/10.1080/00207721.2011.564322 **66** Cite this article



Full Article

Figures & data

References

66 Citations

Metrics

Repri

We Care About Your Privacy

Abstra

Most res

perspec

Howeve

neces also

vendor-

then stu

coopera

Further,

compare

manage

We and our 911 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting I Accept enables tracking technologies to support the purposes shown under we and our partners process data to provide. Selecting Reject All or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or withdraw consent at any time by clicking the Show Purposes link on the bottom of the webpage . Your choices will have effect

within our Website. For more details, refer to our Privacy Policy. Here

We and our partners process data to provide:

Use precise geolocation data. Actively scan device

I Accept Reject All from the Show Purpose solution.

ence, it is nment but ply chain iantity. We

on-

lation.

esults.

ome

the total

cost for both parties, the vendor should either provide a simple permissible delay

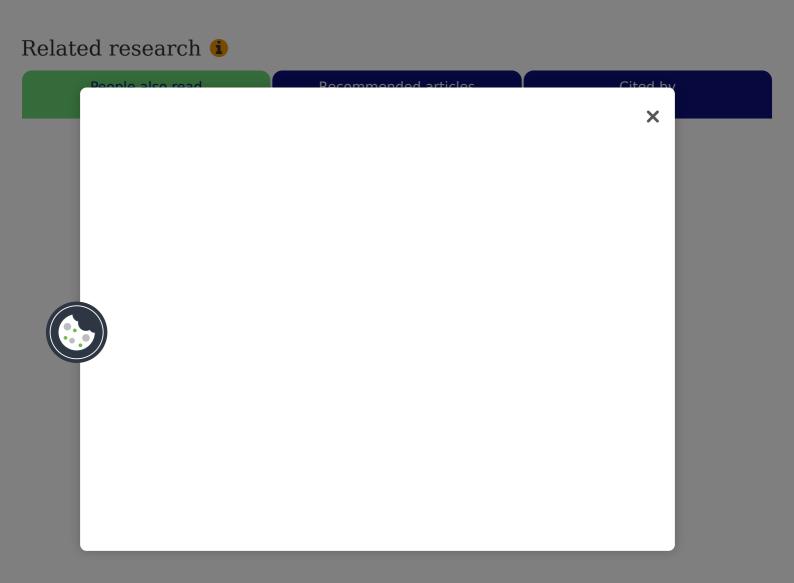
without order quantity restriction or offer a long permissible delay linked order quantity. By contrast, in a non-cooperative environment, the vendor should provide a short permissible delay to reduce its total cost.

Keywords:

inventory	trade credits	non-cooperative solution	cooperative solution	permissible delay in payments

Acknowledgements

The authors thank four anonymous referees for their detailed and constructive comments. This research was partially supported by the National Science Council of the Republic of China under Grant NSC 97-2221-E-007-098. In addition, the principal author's research was supported by the ART for Research from the William Paterson University of New Jersey.



Information for Open access Authors Overview R&D professionals Open journals Editors **Open Select** Librarians **Dove Medical Press** Societies F1000Research Opportunities Help and information Reprints and e-prints Advertising solutions Newsroom Accelerated publication Corporate access solutions Books Keep up to date Register to receive personalised research and resources by email Sign me up X or & Francis Group Copyright