



38<sup>th</sup> International Conference on Very Large Data Bases, Istanbul, Turkey



# Proceedings of the VLDB Endowment

Volume 5, No. 12 – August 2012

**Proceedings of the 38th International Conference on  
Very Large Data Bases, Istanbul, Turkey**

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PVLDB – Proceedings of the VLDB Endowment

Volume 5, No. 12, August 2012.

The 38th International Conference on Very Large Data Bases, Istanbul, Turkey.

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Volume 5, Number 12: VLDB 2012

Pages i - xx and 1696 - 2035

ISSN 2150-8097, August 2012.

Additional copies only online at: portal.acm.org, arxiv.org/corr, and www.vldb.org

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