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**Modeling parametric web arc weight measurement.**

Gervasi, Osvaldo (ed.) et al., Computational science and its applications – ICCSA 2007. International conference, Kuala Lumpur, Malaysia, August 26–29, 2007. Proceedings. Part III. Berlin: Springer (ISBN 978-3-540-74482-5/pbk). Lecture Notes in Computer Science 4707, 1007-1016 (2007).

Summary: An efficient searching for the Web contents become more important than ever before as the Web evolves and the number of users increases explosively. In this paper, an arc weight measure is focused to devise the relevance among Web objects with which a new method is presented for searching Web objects in a Web site. By this measure, an optimization model is derived to generate spanning trees embedded with traditional Web search mechanism. Case studies are performed with real Web sites and the corresponding results are considered in order to evaluate the possibility of using the new Web search mechanism.

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