

be aware that they are *not necessarily equivalent*. Some systems have quite elaborate and highly effective algorithms and can solve large problems many times faster than others. Efficiencies of algorithms and representations are often not described in available literature and may even vary depending on particular versions of the systems.

An alternative method for choosing a system may be to see if workers in your application area favor one program over the others.

Especially for the computational consultants who are unfamiliar with computer algebra *per se* but who need to answer questions about available facilities in such systems, this volume is uniquely valuable.

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29[90-01, 90B99].—PANOS Y. PAPALAMBROS & DOUGLASS J. WILDE, *Principles of Optimal Design—Modeling and Computation*, Cambridge Univ. Press, Cambridge, 1991, xxi+416 pp., 25½ cm. Price: Softcover \$32.95.

This is a paperback edition of a book published in 1988 and reviewed in [1].

W.G.

1. R. H. F. Jackson, *Review* 27, *Math. Comp.* 53 (1989), 769–771.