## Trust-Region Methods — a list of errata

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## Abstract

Our book "Trust-region methods" was published by SIAM in August 2000. This note contains a current list of errata.

## A list of Errata.

Here is our list of currently-known errata. If you find any further errors, typos or simple misunderstandings, please let us know, and we will add your comments to the list.

Page 42, Theorem 3.2.7: Equation (3.2.15) should read

minimize 
$$f(x, p)$$
 subject to  $c_{\mathcal{E}}(x, p) = 0$  and  $c_{\mathcal{I}}(x, p) \ge 0$ , (3.2.15)

- Page 45, Theorem 3.2.9: The theorem actually holds without requiring either AO.1 or AC.2. See Gould and Tolle (1972), and M. Guignard, "Generalized Kuhn-Tucker conditions for mathematical programming problems in a Banach Space", SIAM Journal on Control, 7, (1969), pp. 232–241.
- Page 827: R. H. Byrd, J. Ch. Gilbert and J. Nocedal (1996) appeared in a slightly modified form in *Mathematical Programming A* 89(1), (2000), pp. 149–185.
- Page 866: N. I. M. Gould and Ph. L. Toint (2000) appeared as pp. 149–178 in the proceedings, which were actually titled *System Modelling and Optimization*, *Methods*, *Theory and Applications*.
- Page 871: N. J. Higham (1995) appeared in SIAM Journal on Matrix Analysis and Applications 18(1), (1997) pp. 52–65.
- Page 887, J. M. Martínez (1997) should be J. M. Martínez (1987).
- Page 954, Author's index: "Kanzow, Ch., 776" should read "Kanzow, Ch., 776, 777".
- Page 955, Author's index: An entry for "Munson, T. S., 777" has been omitted.
- Back cover, lines 1–2: This should read "..., a class of numerical algorithms for the solution of nonlinear nonconvex optimization problems."

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Back cover, line 13: Nick Gould is a member of the Computational Science and Engineering Department, not the Department of Computer Science.

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