NAME

CSCIFG – CUTEr tool to evaluate a single constraint function value and possibly gradient in sparse format.

SYNOPSIS

CALL CSCIFG(N, ICON, X, CI, NNZSGC, LSGCI, SGCI, IVSGCI, GRAD)

DESCRIPTION

The CSCIFG subroutine evaluates the value of a particular constraint function of the problem decoded into OUTSDIF.d at the point X, and possibly its gradient in the constrained minimization case. The gradient is stored in sparse format.

NOTE

This function is obsolete and has been included for compatibility purposes only. Refer to ccifsg(3M).

AUTHORS

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SEE ALSO

CUTEr (and SifDec): A Constrained and Unconstrained Testing Environment, revisited,
N.I.M. Gould, D. Orban and Ph.L. Toint,
ACM TOMS, **29**:4, pp.373-394, 2003.

CUTE: Constrained and Unconstrained Testing Environment, I. Bongartz, A.R. Conn, N.I.M. Gould and Ph.L. Toint, TOMS, **21**:1, pp.123-160, 1995.