NAME

CDIMSJ – CUTEr tool to determine number of nonzeros to store the matrix of gradients of the objective function and constraints, in sparse format.

SYNOPSIS

CALL CDIMSJ(NNZJ)

DESCRIPTION

The CDIMSJ subroutine determines the number of nonzero elements required to store the matrix of gradients of the objective function and constraint functions for the problem decoded into OUTSDIF.d in the constrained minimization case. The matrix is stored in sparse format.

ARGUMENTS

The arguments of CDIMSJ are as follows

NNZJ [out] - integer
the number of nonzero elements in the matrix.

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.