
Subject: CONSTRAINED_MIN

Posted by [rosentha](#) on Tue, 08 Sep 1998 07:00:00 GMT

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Has anyone had much joy using CONSTRAINED_MIN in idl 5.1?
First the obvious. The calling sequence in the documentation is

```
CONSTRAINED_MIN, Xbnd, Gbnd, Nobj, Gcomp, X, Inform
```

while that in the example code is

```
CONSTRAINED_MIN, x, xbnd, gbnd, nobj, gcomp, inform
```

The latter is correct.

Now the less obvious. On my first run it returns a value of the keyword INFORM of 7, although it only documents values between -1 and 6 ! On the other hand, it apparently has found a better solution than POWELL (my problem is currently unconstrained) in many fewer function calls so I'm not ready to abandon ship just yet. Has anybody else experienced anything similar?

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