The minimization problem is solved by integrating a system of ODEs.

[called by: solvers.]                                                                                      [calls: solvers.]

## overview

1. The evolution is described mathematically as a system of coupled, first-order equations:
$$\frac{\partial \mathbf{x}}{\partial \tau} = -\frac{\partial E}{\partial \mathbf{x}}, \tag{1}$$
where $\tau$ is an artifical time, $\mathbf{x}$ is the free coil parameters.

2. The integration was originally performed using NAG:D02BJF.

3. It's now implemented with ODEPAC. And the source code is in ode.F90.

4. The minimization is controlled by DF_tausta, DF_tauend, DF_xtol and DF_maxiter.

descent.f90 last modified on 19-06-25 14:30:34.0;                                      Focus subroutines;