ofunct

The function to be optimized.

[called by: xoptim.] [calls: setdof, bs00aa, toflux, hdfint, plassf and iccoil.]

contents

1 ofunct **1**
1.1 overview 1

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1. First, the degrees-of-freedom in the coil geometry are "unpacked", setdof.

2. The various components of the objective function are:

   i. $F_1 \equiv \int B_n^2 ds$: if `Wbnormal` > 0, then D01DAF is used to compute the surface integral of the normal magnetic field;

   ii. $F_2 \equiv \sum_i \int dl$: if `Wclendth` > 0, then oculus:bs00aa is used to compute the length of the coils;

   iii.