`optMultiCrit` *optMultiCrit*

Description

The `optMultiCrit` function suggests an objective criterion for the selection of the best experimental design among all Pareto front solutions. The selection is based on minimizing the euclidean distance in the criteria space between all the Pareto front designs and an approximate utopian point. By default the utopian point coordinates are the minimum value reached by every criteria during an optimization procedure (`runTPLS`); otherwise it can be set to a specific value by the user.

Usage

```
optMultiCrit(ar, ...)
```

Arguments

`ar`	A list as the `megaAR` returned by the `runTPLS` function.
`...`	optional argument (see below).

Details

Additional arguments can be specified as follows:

- `myUtopianPoint`: A vector containing the utopian point coordinates.

Value

The `optMultiCrit` function returns a list whose elements are:

- `solution`: The selected optimal design matrix.
- `score`: A vector containing the criteria scores for `solution`.