Estimate improper integral

Description

Estimate integral with Laplase approx.

Usage

```
laplace_estimate(type = 0, n, theta0, l.b, u.b, l, h, theta.density, like)
```

Arguments

`type`	Type of estimation. By default, function will estimate integrals of form exp(-N*l). and wait l(x) function as input. If type = 1, function will esimate integrals of form h*theta.density*like, where h,theta.density,like are functions of x.
`n`	Constant N in integrand exp(-N*l) or if type = 1 number of observations.
`theta0`	Initial point to find modal value of l(x), number or vector of numbers.
`l.b`	Low bound of set where to search modal value of l(x), number or vector of numbers with dim = dim(x)
`u.b`	Upper bound of set where to search modal value of l(x), number or vector of numbers with dim = dim(x).
`l`	Function in integrand exp(-N*l), function of x.
`h,theta.density,like`	Functions of x, if type = 1.

Value

Value of integral and modal point x.

Author(s)

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