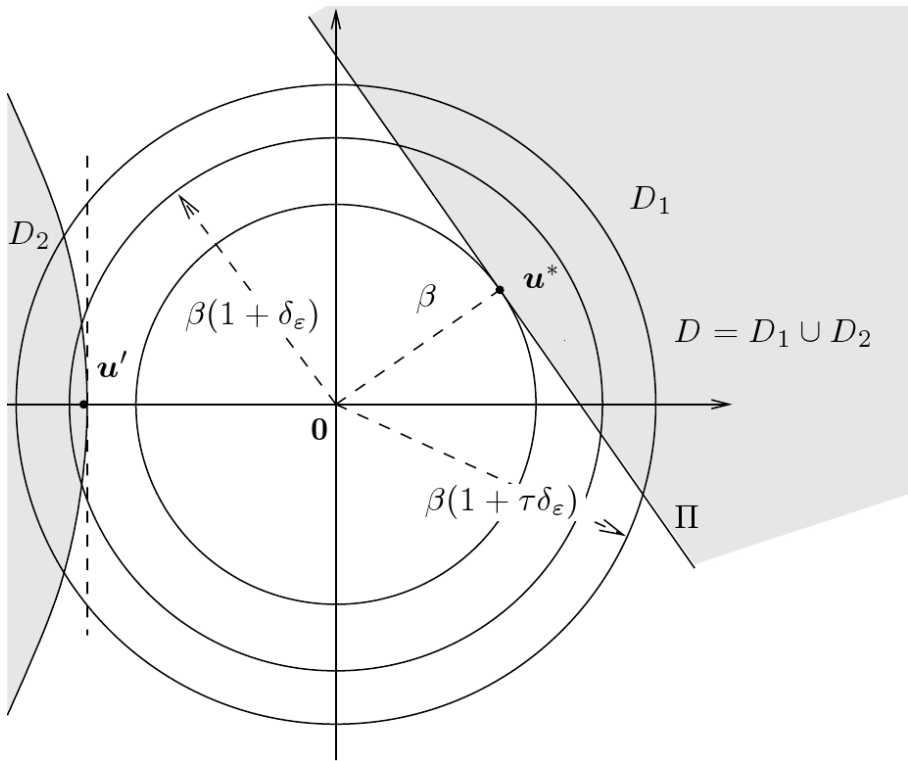


Documentation of the OTTemplate module

Documentation built from package ottemplate-0.0

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Abstract

The purpose of this document is to present the OTTemplate module.
This document is organized according to the OpenTURNS documentation:

- a *Reference Guide* which gives some theoretical basis,
- a *Use cases Guide* which details scripts in python (the Textual Interface language of OpenTURNS) and helps the User to learn as quickly as possible the manipulation of the ottemplate module,
- the *User Manual* which details the ottemplate objects and give the list of their methods,
- the *Examples Guide* which provides example scripts performed with the ottemplate module.

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1 Reference Guide

The OTTemplate library provide efficient algorithms.

1.1 Method1

Mathematical description

Goal

Goal1

Principles

Principle1

Other notations

Link with OpenTURNS methodology

Step1

References and theoretical basics

Reference1

2 Use Cases Guide

This section presents the main functionalities of the module *ottemplate* in their context.

2.1 Which python modules to import?

In order to use the functionalities described in this documentation, it is necessary to import:

- the *ottemplate* module which uses the *openturns* module.

Python script for this use case:

```
from otemplate import *
```

3 User Manual

This section gives an exhaustive presentation of the objects and functions provided by the *otemplate* module, in the alphabetic order.

3.1 Class1

This is class Class1.

Usage:

Class1(*arg1*)

Arguments:

arg1: an arg, the first argument.

Value: a Class1

Details:

Class1 constructor

getAttr1

Usage: *getAttr1*()

Arguments: no argument

Value: a NumericalScalar, the attribute 1.

getAttr2

Usage: *getAttr2*()

Arguments: no argument

Value: a NumericalScalar, the attribute 2.

The methods *getAttr1*, *getAttr2* have their corresponding *setMethod*.

Links

4 Examples Guide

This section presents some full-length examples of studies using the module.