

## **NAG Library Chapter Introduction**

### **X01 – Mathematical Constants**

#### **Contents**

<b>1</b>	<b>Scope of the Chapter .....</b>	<b>2</b>
<b>2</b>	<b>Background to the Problems.....</b>	<b>2</b>
<b>3</b>	<b>Recommendations on Choice and Use of Available Routines.....</b>	<b>2</b>
<b>4</b>	<b>Routines Withdrawn or Scheduled for Withdrawal.....</b>	<b>2</b>

## 1 Scope of the Chapter

This chapter is concerned with the provision of mathematical constants required by other routines within the Library.

## 2 Background to the Problems

Some Library routines require mathematical constants. These routines call Chapter X01 and thus lessen the number of changes that have to be made between different implementations of the Library.

## 3 Recommendations on Choice and Use of Available Routines

Although these routines are primarily intended for use by other routines they may be accessed directly by you.

Euler's constant, $\gamma$ .....	X01ABF
$\pi$ .....	X01AAF

The argument **X** of these routines is a dummy argument.

## 4 Routines Withdrawn or Scheduled for Withdrawal

None.

---