Chapter X01

Mathematical Constants

Contents

1   Scope of the Chapter

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

It should be noted that because of the simple nature of the routines individual routine documents are not provided.

2   Background to the Problems

Some Library routines require mathematical constants to maximum machine precision. 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

Note. Refer to the Users' Note for your implementation to check that a routine is available.

Routines in this chapter need not be preceded by a call to Z01AAFP.

Although these routines are primarily intended for use by other routines they may be accessed directly by the user:

Constant	Fortran Specification
π	`DOUBLE PRECISION FUNCTION X01AAF()`
γ	`DOUBLE PRECISION FUNCTION X01ABF()`
(Euler's constant)	