

NAG Fortran Library Chapter Introduction

X01 – Mathematical Constants

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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 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: please refer to the Users' Note for your implementation to check that a routine is available.

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

Euler's constant, γ X01ABF
 π X01AAF

The parameter X of these routines is a dummy parameter.

4 Routines Withdrawn or Scheduled for Withdrawal

None.
