

NAG C 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 functions within the Library.

These constants are *not* functions, but they are defined in the header file <nagx01.h>.

2 Background to the Problems

Some Library functions require mathematical constants to maximum *machine precision*. These functions 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 Functions

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

Euler's constant, γ nag_euler_constant (X01ABC)
 π nag_pi (X01AAC)

4 Functions Withdrawn or Scheduled for Withdrawal

None.
