

NAG Toolbox for MATLAB

x01ab

1 Purpose

x01ab returns the numerical value of γ (Euler's constant).

2 Syntax

```
[result] = x01ab()
```

3 Description

None.

4 References

None.

5 Parameters

5.1 Compulsory Input Parameters

None.

5.2 Optional Input Parameters

None.

5.3 Input Parameters Omitted from the MATLAB Interface

None.

5.4 Output Parameters

1: **result** – double scalar

The result of the function.

6 Error Indicators and Warnings

None.

7 Accuracy

The result should be correct to *machine precision* (see Chapter X02).

8 Further Comments

None.

9 Example

```
[result] = x01ab()
```

```
result =  
    0.5772
```
