

NAG Library Function Document

nag_complex_i_power (a02ddc)

1 Purpose

nag_complex_i_power (a02ddc) returns a complex number raised to integer power.

2 Specification

```
#include <nag.h>
#include <naga02.h>
```

```
Complex nag_complex_i_power (Complex z, Integer i)
```

3 Description

None.

4 References

None.

5 Arguments

- | | | |
|----|--|--------------|
| 1: | z – Complex | <i>Input</i> |
| | <i>On entry:</i> a valid complex number. | |
| 2: | i – Integer | <i>Input</i> |
| | <i>On entry:</i> an integer. | |

6 Error Indicators and Warnings

None.

7 Accuracy

Not applicable.

8 Parallelism and Performance

nag_complex_i_power (a02ddc) is not threaded in any implementation.

9 Further Comments

None.

10 Example

See Section 10 in nag_complex (a02bac).
