

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

Input

On entry: a valid complex number.

2: *i* – Integer

Input

On entry: an integer.

6 Error Indicators and Warnings

None.

7 Accuracy

Not applicable.

8 Parallelism and Performance

Not applicable.

9 Further Comments

None.

10 Example

See Section 10 in nag_complex (a02bac).
