NAG Library Function Document

nag_complex_r_power (a02dec)

1 Purpose

nag_complex_r_power (a02dec) returns a complex number raised to real power.

2 Specification

```
#include <nag.h>
#include <naga02.h>
Complex nag_complex_r_power (Complex z, double x)
```

3 Description

None.

4 References

None.

5 Arguments

1: z – Complex
   
   *Input*
   
   *On entry*: a valid complex number.

2: x – double
   
   *Input*
   
   *On entry*: a real number.

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).