

NAG Library Function Document

nag_complex_sqrt (a02dcc)

1 Purpose

nag_complex_sqrt (a02dcc) returns the square root of a complex number.

2 Specification

```
#include <nag.h>
#include <naga02.h>
Complex nag_complex_sqrt (Complex z)
```

3 Description

None.

4 References

None.

5 Arguments

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

6 Error Indicators and Warnings

None.

7 Accuracy

Not applicable.

8 Parallelism and Performance

nag_complex_sqrt (a02dcc) is not threaded in any implementation.

9 Further Comments

None.

10 Example

See Section 10 in nag_complex (a02bac).
