

HW3 - Standard Deviation

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Chapter 1

Assignment-3

I have included the standard deviation information in both a standalone .tex file and the doxygen .tex file.

Chapter 2

File Index

2.1 File List

Here is a list of all documented files with brief descriptions:

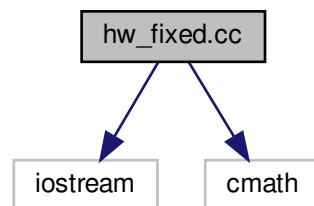
hw_fixed.cc	5
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Chapter 3

File Documentation

3.1 hw_fixed.cc File Reference

```
#include <iostream>
#include <cmath>
Include dependency graph for hw_fixed.cc:
```



Functions

- double `deviation` (int *a, int n)
Calculate the standard deviation of a set of numbers.

3.1.1 Function Documentation

3.1.1.1 deviation()

```
double deviation (
    int * a,
    int n )
```

Calculate the standard deviation of a set of numbers.

Parameters

a	- The array of numbers to calculate the standard deviation of
n	- The size of the set of numbers

Returns

A double precision number of the standard deviation

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