Package Class **Use** **Tree** **Deprecated** **Index** **Help**

Class TestFunction6

```
java.lang.Object
   └─TestFunctionAbstract
         └─TestFunction6
```

```
public class TestFunction6
extends TestFunctionAbstract
```

TestFunctionAbstract extended as the formula 5+0.8*x+0.3*x*x+Math.sin(x). All code released under BSD licensing.

Version:
> 0.1

Author:
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See Also:
> Code Repository

Field Summary

Fields inherited from class **TestFunctionAbstract**
ap, h, ns, rp

Constructor Summary

TestFunction6()

Method Summary

double	**f**(double x) Implementation of the abstract method f with the function 5+0.8*x+0.3*x*x+Math.sin(x).

Methods inherited from class **TestFunctionAbstract**
condition_number, condition_number, DDf, Df, Dq, fit_least_squares, q, optimize_bisection, optimize_golden_search, optimize_newton_stabilized, optimize_newton,

[optimize_secant](), [solve_bisection](), [solve_fixed_point](), [solve_newton_stabilized](),
[solve_newton](), [solve_secant]()

Methods inherited from class java.lang.Object

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clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait

Constructor Detail

TestFunction6

public **TestFunction6**()

Method Detail

f

public double **f**(double x)

Implementation of the abstract method f with the function 5+0.8*x+0.3*x*x+Math.sin(x).

Specified by:
> [f]() in class [TestFunctionAbstract]()

Parameters:
> x - Value used to evaluate the function with.

Returns:
> The result of evaluating the function for x.

Exception(s):
> No known exceptions.

Package Class **Use Tree Deprecated Index Help**

PREV CLASS **NEXT CLASS**   **FRAMES** **NO FRAMES** **All Classes**
SUMMARY: NESTED | [FIELD]() | [CONSTR]() | [METHOD]()   DETAIL: FIELD | [CONSTR]() | [METHOD]()

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