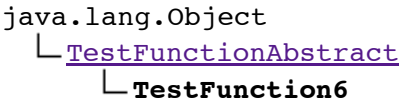


Class TestFunction6



```
public class TestFunction6
extends TestFunctionAbstract
```

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

Version:
0.1

Author:
Ruthann Sudman

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 $5+0.8*x+0.3*x*x+\text{Math.sin}(x)$.
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Methods inherited from class [TestFunctionAbstract](#)

[condition_number](#), [condition_number](#), [DDf](#), [Df](#), [Dg](#), [fit_least_squares](#), [g](#), [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

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 $5+0.8*x+0.3*x*x+\text{Math.sin}(x)$.

Specified by:

[f](#) in class [TestFunctionAbstract](#)

Parameters:

x - Value used to evaluate the function with. exceptions No known exceptions.

Returns:

The result of evaluating the function for x.

[Package](#) [Class](#) [Use Tree](#) [Deprecated](#) [Index](#) [Help](#)

[PREV CLASS](#) [NEXT CLASS](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#)

[FRAMES](#) [NO FRAMES](#) [All Classes](#)

DETAIL: FIELD | [CONSTR](#) | [METHOD](#)
