

***Method Summary***

[clone](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#clone()) , [equals](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#equals(java.lang.Object)) , [finalize](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#finalize()) , [getClass](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#getClass()) , [hashCode](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#hashCode()) , [notify](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#notify()) , [notifyAll](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#notifyAll()) , [toString](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#toString()) , [wait](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#wait()) , [wait](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#wait(long)) , [wait](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html#wait(long%2Cint))

**Methods inherited from class java.lang.**[**Object**](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html)

**Package** [com.mirea.prakt.prakt2.Brusov](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/package-summary.html)

Class MatrixCalc

[java.lang.Object](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html) com.mirea.prakt.prakt2.Brusov.MatrixCalc

public class **MatrixCalc**

extends [Object](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/Object.html)

***Constructor Summary***

**Constructor Description**

**MatrixCalc**() Конструктор.

**Constructors**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **All Methods** | **Instance Methods** | | **Concrete Methods** |  | |
| **Modifier and Type** | | **Method** | | | **Description** |
| [**Matrix**](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) | | **addOrSub**([**Matrix**](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix1, [**Matrix**](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix2, boolean switcher) | | | Сумма/разность матриц. |
| [**Matrix**](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) | | **multi**([**Matrix**](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix, int x, boolean switcher) | | | Умножение матрицы на число. |
| [**Matrix**](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) | | **multi**([**Matrix**](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix1, [**Matrix**](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix2) | | | Перемножение матриц. |

***Constructor Details***

**MatrixCalc**

public MatrixCalc()

Конструктор.

|  |  |  |
| --- | --- | --- |
| ***Method Details*** | | |
|  | **addOrSub** |  |

public [Matrix](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) addOrSub([Matrix](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix1,

public [Matrix](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) multi([Matrix](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix1,

[Matrix](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix2)

Перемножение матриц.

**Parameters:**

matrix1 - первая матрица операции matrix2 - вторая матрица операции **Returns:**

объект матрицы

[Matrix](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix2,

boolean switcher)

Сумма/разность матриц.

**Parameters:**

matrix1 - первая матрица операции

matrix2 - вторая матрица операции

switcher - булевый переключатель операции (true-сложение/false-вычитание)

**Returns:**

объект матрицы

public [Matrix](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) multi([Matrix](file://localhost/F:/Desk/Rep/TiVPO/IKBO-16-19/prakt/build/docs/javadoc/com/mirea/prakt/prakt2/Brusov/Matrix.html) matrix,

int x,

boolean switcher)

Умножение матрицы на число.

**Parameters:**

matrix - матрица операции

x - число для умножения/деления матрицы

switcher - булевый переключатель операции (true-умножение/false-деление)

**Returns:**

объект матрицы

**multi**

**multi**