JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Tree](http://docs.google.com/package-tree.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/org/opencv/photo/CalibrateCRF.html)
* [Next Class](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html)
* [Frames](http://docs.google.com/index.html?org/opencv/photo/CalibrateDebevec.html)
* [No Frames](http://docs.google.com/CalibrateDebevec.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
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org.opencv.photo

## Class CalibrateDebevec

* java.lang.Object
  + [org.opencv.core.Algorithm](http://docs.google.com/org/opencv/core/Algorithm.html)
    - [org.opencv.photo.CalibrateCRF](http://docs.google.com/org/opencv/photo/CalibrateCRF.html)
      * org.opencv.photo.CalibrateDebevec
* public class CalibrateDebevec  
  extends [CalibrateCRF](http://docs.google.com/org/opencv/photo/CalibrateCRF.html)  
  Inverse camera response function is extracted for each brightness value by minimizing an objective function as linear system. Objective function is constructed using pixel values on the same position in all images, extra term is added to make the result smoother. For more information see CITE: DM97 .

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| static [CalibrateDebevec](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html) | [**\_\_fromPtr\_\_**](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html#__fromPtr__(long))(long addr) |
| float | [**getLambda**](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html#getLambda())() |
| boolean | [**getRandom**](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html#getRandom())() |
| int | [**getSamples**](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html#getSamples())() |
| void | [**setLambda**](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html#setLambda(float))(float lambda) |
| void | [**setRandom**](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html#setRandom(boolean))(boolean random) |
| void | [**setSamples**](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html#setSamples(int))(int samples) |

### Methods inherited from class org.opencv.photo.[**CalibrateCRF**](http://docs.google.com/org/opencv/photo/CalibrateCRF.html)[process](http://docs.google.com/org/opencv/photo/CalibrateCRF.html#process(java.util.List,%20org.opencv.core.Mat,%20org.opencv.core.Mat))

### Methods inherited from class org.opencv.core.[**Algorithm**](http://docs.google.com/org/opencv/core/Algorithm.html)[clear](http://docs.google.com/org/opencv/core/Algorithm.html#clear()), [empty](http://docs.google.com/org/opencv/core/Algorithm.html#empty()), [getDefaultName](http://docs.google.com/org/opencv/core/Algorithm.html#getDefaultName()), [getNativeObjAddr](http://docs.google.com/org/opencv/core/Algorithm.html#getNativeObjAddr()), [save](http://docs.google.com/org/opencv/core/Algorithm.html#save(java.lang.String))

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Method Detail

#### \_\_fromPtr\_\_ public static [CalibrateDebevec](http://docs.google.com/org/opencv/photo/CalibrateDebevec.html) \_\_fromPtr\_\_(long addr)

#### getLambda public float getLambda()

#### getRandom public boolean getRandom()

#### getSamples public int getSamples()

#### setLambda public void setLambda(float lambda)

#### setRandom public void setRandom(boolean random)

#### setSamples public void setSamples(int samples)

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