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/CalibrateDebevec.html)
* [Next Class](http://docs.google.com/org/opencv/photo/MergeDebevec.html)
* [Frames](http://docs.google.com/index.html?org/opencv/photo/CalibrateRobertson.html)
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* [All Classes](http://docs.google.com/allclasses-noframe.html)
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org.opencv.photo

## Class CalibrateRobertson

* 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.CalibrateRobertson
* public class CalibrateRobertson  
  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. This algorithm uses all image pixels. For more information see CITE: RB99 .

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| static [CalibrateRobertson](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html) | [**\_\_fromPtr\_\_**](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html#__fromPtr__(long))(long addr) |
| int | [**getMaxIter**](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html#getMaxIter())() |
| [Mat](http://docs.google.com/org/opencv/core/Mat.html) | [**getRadiance**](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html#getRadiance())() |
| float | [**getThreshold**](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html#getThreshold())() |
| void | [**setMaxIter**](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html#setMaxIter(int))(int max\_iter) |
| void | [**setThreshold**](http://docs.google.com/org/opencv/photo/CalibrateRobertson.html#setThreshold(float))(float threshold) |

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

#### getMaxIter public int getMaxIter()

#### getRadiance public [Mat](http://docs.google.com/org/opencv/core/Mat.html) getRadiance()

#### getThreshold public float getThreshold()

#### setMaxIter public void setMaxIter(int max\_iter)

#### setThreshold public void setThreshold(float threshold)

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