

+ testMedianFilterEffectiveness()

calculateStandardDeviation()

calculateEdgeStrength()

+ runTests()

+ testThresholdingRGBHSL()

+ testThresholdingRGBHSV()

calculateHistogramStdDev()

+ testNoisePercentage()

+ testNoiseAddition()

buildHistogram()

+ runTests()

+ testEdgeReplication()

+ testReflectPadding()

+ runTests()

+ testXYPlaneSlice()

+ testXZPlaneSlice()

+ testYZPlaneSlice()

+ runTests()

+ testOutOfBoundsSliceIndex(

+ testNegativeSliceIndex()

+ testMedianIntensityProjection()

+ testZeroVolumeDataProjection()

+ testNullDataProjection()

+ runTests()

+ testSingleLayerVolumeProjection()

+ testVolumeGettersAndSetters()

+ testUpdateData()

+ runTests()

+ testLoadAndSave()

+ testEdgeHandling()

+ runTests()

+ testNoiseReduction()

+ testDetailPreservation()

+ testLoadNonexistentImage()

+ testImageAttributes()

+ testImageData()

+ runTests()

+ testArrayWithDuplicates(

+ testInvalidKValues()

+ testQuickSelect()

+ testQuickSort()

+ runTests()

+ testGradientImage()

calculateVariance()

+ runTests()

+ testLargeKernelFiltering()

+ testReflectPaddingEdgeHandling()

+ testApplyPrewitt()

+ testApplyScharr()

+ testApplyRoberts()

+ runTests()

+ testBlurringEffect()

+ testSigmaImpact()

calculateVariance()

+ runTests()

+ testGaussianFilterSmoothness()

- generateGaussianKernel()

generateTestVolume()

initializeSimpleVolume()

+ runTests()