

## Blue Scratches

This page has been created in order to show the images used for testing of the blue scratch detection and removal algorithms presented in [\[1\]](#).

### Original uncorrupted images



1.

*House*

Size: 128\*128

Source: [\[4\]](#), filename: im418

[Corresponding images artificially corrupted with blue scratches and restored images](#)



2.

*Beeren*

Size: 128\*128

Source: [\[3\]](#), filename: beeren

[Corresponding images artificially corrupted with blue scratches and restored images](#)



3.

*Flowers*

Size: 128\*128

Source: [\[3\]](#), filename: flowers0002

[Corresponding images artificially corrupted with blue scratches and restored images](#)



4.

*Food*

Size: 128\*128

Source: [\[3\]](#), filename: food0007

[Corresponding images artificially corrupted with blue scratches and restored images](#)



[Corresponding images - 45 \(file corrupted\) with blue scratches and restored images](#)



[Corresponding images - 46 \(file corrupted\) with blue scratches and restored images](#)



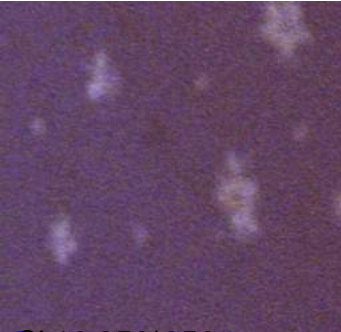
[Corresponding images - 47 \(file corrupted\) with blue scratches and restored images](#)



[Corresponding images - 48 \(file corrupted\) with blue scratches and restored images](#)



[Corresponding images - 49 \(file corrupted\) with blue scratches and restored images](#)



[Size: 256x256 images - \[2\] \(Moby\) Uniform couple](#)



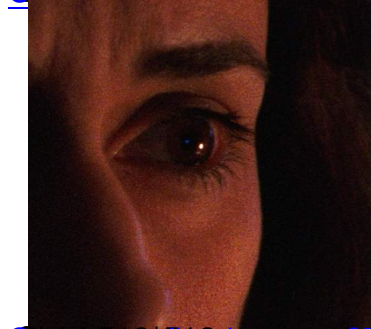
[Size: 256x256 images - \[2\] \(Moby\) Interrupted with blue scratches and restored images](#)



[Size: 256x256 images - \[2\] \(Moby\) Interrupted with blue scratches and restored images](#)



[Size: 512x512 images - \[2\] \(Moby\) Interrupted with blue scratches and restored images](#)



[Size: 256x256 images - \[2\] \(Moby\) Interrupted with blue scratches and restored images](#)



[Scratches in images - 1511 - file name 4/2/04](#) with blue scratches and restored images



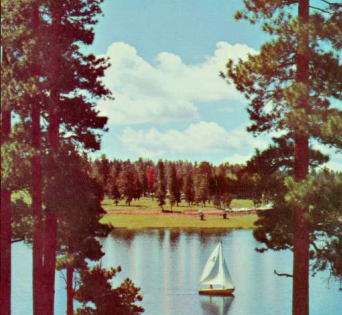
[Scratches in images - 1511 - file name 4/2/02](#) with blue scratches and restored images



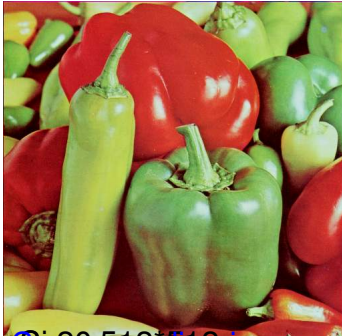
[Scratches in images - 1511 - file name 4/2/01](#) with blue scratches and restored images



[Scratches in images - 1511 - file name 4/2/05](#) with blue scratches and restored images



[Scratches in images - 1511 - file name 4/2/06](#) with blue scratches and restored images



Size of original images and restored images with blue scratches and restored images

## References

- [1] L. Maddalena, A. Petrosino, *Restoration of Blue Scratches in Digital Image Sequences*, Image and Vision Computing, Vol. 26, Elsevier, The Netherlands, pagg. 1314–1326, 2008.
- [2] Movie *Animali che attraversano la strada*, Italy, 2000
- [3] *Color Texture Analysis*, Universitat Koblenz-Landau, Institut fur Computervisualistik, <http://www.uni-koblenz.de/FB4/Institutes/ICV/AGPriese/Research/Color Texture Analysis>
- [4] *Computer Vision Laboratory*, University of Massachussets, Computer Science Department, <http://vis-www.cs.umass.edu/vislib/Houses/IM4/images.html>
- [5] *The USC-SIPI Image Database*, University of Southern California, Electrical Engineering Department, Signal & Image Processing Institute, <http://sipi.usc.edu/database>