

Digital Restoration of Damaged Images and Videos

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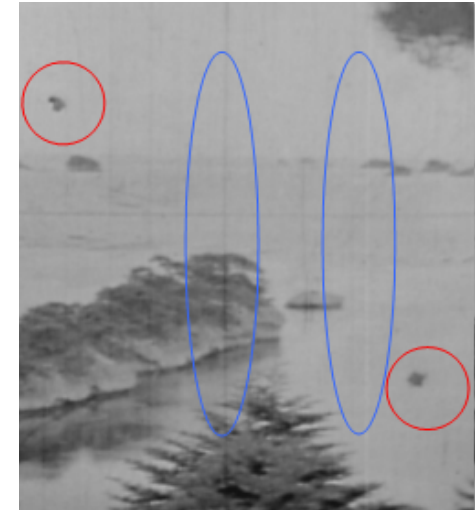
- *Background*

The Great East Japan Earthquake, 2011 and the triggered tsunami damaged and deteriorated photos, movie films and videos which are valuable cultural heritages in social and memories in personal. Digital restoration of photos, movie films, and videos by computers can preserve cultural heritages in the disaster area and reduce solitary of the sufferers.

- *Research Subjects*

- Development of digital restoration algorithms for damaged photos, movie films, and videos

- Development of digital restoration algorithms for acoustic, image and/or video data on damaged CDs and DVDs



Original damaged movie film (upper) and restored image (lower). Blotches in red and scratches in blue in the upper are removed in the lower.

