A method of restoring a digital image from an image acquired by a device having an instrumental acquisition noise

**Technological benefits**

**Quality improvement**
- No more visual flaws of compressed digital images
- Improvement of Images coming from an acquisition system with an instrumental noise

**A complete solution**
- A complete software solution pluggable in current and future systems
- Compatible with compression standards

**Invention overview**
A complete software solution offering a sequence of images processing algorithms such as:
- B1322: enhancing compression of digital image
- B1432: targeted correction of compression artifacts with optimized parameters to significantly improved digital images.

**Potential applications**
- Ground exploitation of satellite images
- Applications with image compression needs (codec, plugin, video, photography)
- Embedded system: navigation, surveillance, detection

**Commercial benefits**
- Cost saving and instrument complexity reduction thanks to the integration of a complete software solution
- Sharper compressed images: optimisation of storage volume

**TRL : 5**
Property 100% CNES