Procedure and apparatus for editing artefacts due to spectral folding or aliasing

Effective processing
Detection of aliasing of an edited digital image
Generation of an over-sampled output image from an input image containing aliasing

Practical procedure
Applicable to all types of image acquisition

Technological advantages

Before/After processing for aliasing

Summary of the invention
Procedure for correcting a digital image containing artefacts due to aliasing.

The spectral folding occurs when the sampling frequency of a continuous signal for the digitisation of said signal does not abide by Shannon’s Theorem.

Commercial benefits
Universality
Processing of all types of digital image

Potential applications
Spatial photography
Airborne photography
Amateur and professional photography
Video surveillance
Image production system

Patented invention, available under licence

TRL: 4