Figure 1: Behaviour of the Standard Deviation function (SD) depending on the Grain (G).

Figure 2: Behaviour of the Entropy function (E) depending on the Grain (G).

Figure 3: Normal fields visualisation for different grain pudding-stone images: fine grain (left column), medium grain (middle column) and coarse grain (right column).
Figure 4: Extraction degradation zones relative to cavities and fissures.

Figure 5: Lack of material analysis: original image (upper left); segmented image (upper right); region labelling (bottom left); significant region selection (bottom right).
Figure 6: Two kinds of degradation belonging to the class of lack of material: a cavity (left) and a fissure (right).

Figure 7: An image of pudding-stone (gross grain)
Figure 8: Figure 21 - An image of pudding-stone (thin grain)

Figure 9: Extracted window and its Weak Continuity representation from a gross grain pudding-stone

Figure 10: Extracted window and its Weak Continuity representation from thin grain pudding stone.
Figure 11: Base for navigation.

Figure 12: A case study reconstruction.

Figure 13: An impressionistic rendering.
Figure 14: A result of virtual restoration.