AGGREGATION AND REFINEMENT IN BINARY IMAGE RESTORATION

Mike Jubb and Christopher Jennison
School of Mathematical Sciences
University of Bath
Bath, BA2 7AY
United Kingdom

ABSTRACT

The work reported in this paper grew out of an investigation into the use of "refinement" methods to obtain restorations of an image with detail at a level finer than the pixel grid on which records are observed. A "cascade" algorithm is presented that produces restorations on successively finer pixel grids, starting with a single large pixel and ending with the original grid.