## ABSTRACT OF THE DISCLOSURE

In an image coding apparatus which uses as an input a binary digital image with an interlaced structure in which one frame comprises two fields and codes said image by dividing it into two-dimensional blocks made up of a plurality of pixels for each block, the method for carrying out coding in field units or frame units is judged for each block and coding is performed in field units or frame units according to the mode judgment result for each block. Furthermore, in an image decoding apparatus which decodes for each block a binary digital image with an interlaced structure in which one frame comprises two fields from the image coding signal coded by said image coding apparatus, decoding processing is carried out in field units or frame units according to the mode information.