

**TITLE OF INVENTION: INFORMATION PROCESSING APPARATUS,
INFORMATION PROCESSING METHOD, AND PROGRAM**

ABSTRACT

A data reading unit 1 reads target image data. A reference frame setting unit 2 sets, with respect to the target image data, a reference frame defined so as to include an integer number of pixels of reference image data. An inclusion region evaluation value calculation unit 3 calculates a first evaluation value based on pixels included in the reference frame in the target image data. A reference frame conversion evaluation value calculation unit 4 calculates a second evaluation value based on the first evaluation value and a predetermined coefficient. An extended region evaluation value calculation unit 5 calculates a third evaluation value based on the pixels included in the reference frame and pixels partially included in the reference frame in the target image data. An evaluation value determination unit 6 determines one of the first to third evaluation values as an evaluation value based on a magnitude relationship between the first to third evaluation values.

(Fig. 4)