

[Document Name] Abstract

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[Technical Problem]

The purpose of the present disclosure is to provide a moiré occurrence prediction means that predicts a region in which moiré will occur and implements a moiré suppression process only on a pattern including said region, thereby minimizing print deterioration, suppressing the occurrence of moiré, and enabling high quality printing.

[Solution to Problem]

The moiré occurrence prediction means includes a communication unit for receiving an input image; a periodic structure inclusion determination unit for determining, in the input image; a periodic structure region that includes a periodic structure that induces occurrence of a moiré; and a moiré prediction unit for determining a risk of moiré occurrence in each periodic structure region by performing a predetermined frequency analysis process with respect to each of the determined periodic structure regions, generating a moiré occurrence notification that indicates the risk for each periodic structure region, and outputting the moiré occurrence notification.

[Selection diagram] FIG. 13