

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

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ABSTRACT

10 An information processing apparatus, an optical apparatus, an information processing method, a method of using the optical apparatus, and an information processing program that are capable of highly accurately managing the position of a defect are provided.

15 An information processing apparatus 10 according to the present disclosure includes: a size acquisition unit 11 configured to acquire a size SZ of a defect region 52 contained in a sample 50; a defect coordinate determination unit 12 configured to determine representative position coordinates of the defect region 52 by performing a plurality of mutually different pieces of information processing based on the size SZ of the defect region 52; and a storage unit 13 configured to store the defect region
20 52 in association with the representative position coordinates.

(Fig. 1)