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(54) SIGNAL PROCESSING DEVICE, SIGNAL PROCESSING METHOD, SIGNAL PROCESSING PROGRAM, IMAGING APPARATUS AND LENS APPARATUS

(71) Applicant: FUJIFILM Corporation, Tokyo (JP)

(72) Inventors: Toshiki KOBAYASHI, Saitama-shi (JP); Yota AKASHI, Saitama-shi (JP); Yuya HIRAKAWA, Saitama-shi (JP); Yuta WATANABE, Saitama-shi (JP)

Assignee: FUJIFILM Corporation, Tokyo (JP)

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ABSTRACT (57)

Provided are a signal processing device, a signal processing method, a signal processing program, an imaging apparatus, and a lens apparatus capable of accurately calculating an amount of blurring on the basis of a signal which is output from a blurring detection sensor. The signal processing device processes a signal which is output from a blurring detection sensor in progress of exposure of an imaging element. The signal processing device includes a processor. The processor is configured to perform processing of generating a second signal obtained by performing high-pass filter processing on a first signal which is output from the blurring detection sensor; and processing of calculating an amount of blurring on the basis of the first signal or the second signal.

