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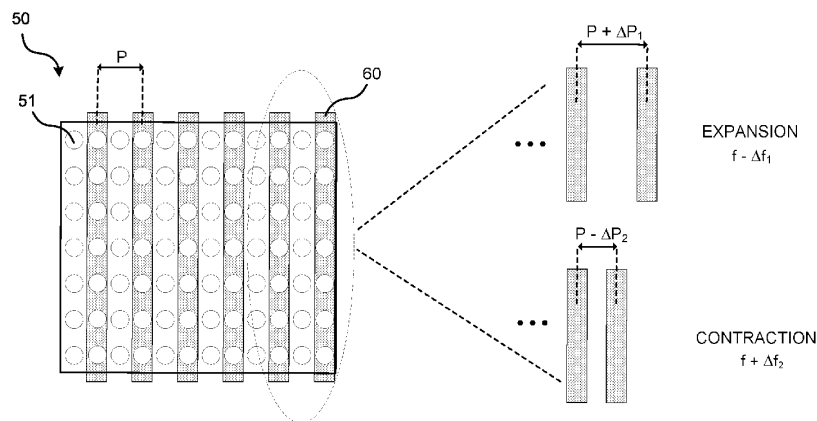


FIG. 1A

(57) Abstract: Implementations of the disclosure are directed to predicting structured illumination parameters for a particular point in time, space, and/or temperature using estimates of structured illumination parameters obtained from structured illumination images captured by a structured illumination system. Particular implementations are directed to predicting structured illumination frequency, phase, orientation, and/or modulation order parameters.

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