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The invention relates to the recording of optical information and can be used for recording images with the intensity lower than the minimum sensitivity of the monochrome digital camera.

The method, according to the invention, consists in that the image of an object, illuminated by a coherent laser radiation, is projected on the matrix of a digital camera with the intensity lower than the limiting sensitivity of the used digital camera, and the matrix of the digital camera is illuminated with an additional laser beam from the same laser radiation source with such intensity that at the interference of the laser beam from the object and the additional laser beam the intensity at the minimum of the formed interference image is not lower than the minimum sensitivity of the digital camera, and the image of the object on the matrix of the digital camera is recorded as a set of dark and light interference fringes, with the intensity of the light fringes greater than the minimum sensitivity of the digital camera.

Claims: 1 Fig.: 8