

Non-Linear Aperture for Stylized Depth of Field

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Lightfield data from <http://lightfield.stanford.edu/>

Pinhole aperture



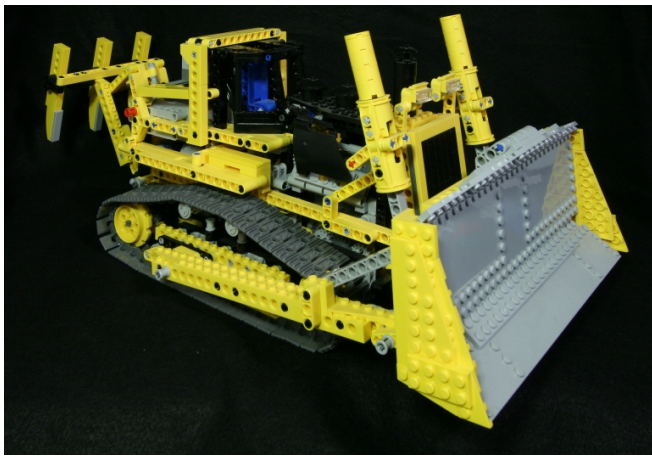
Average aperture



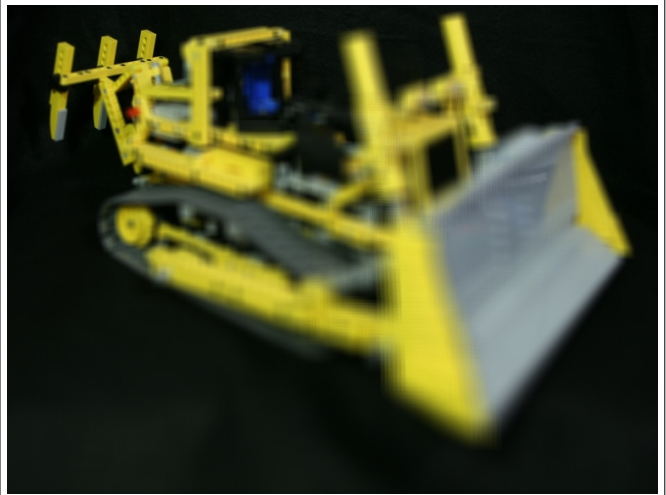
Bilateral aperture



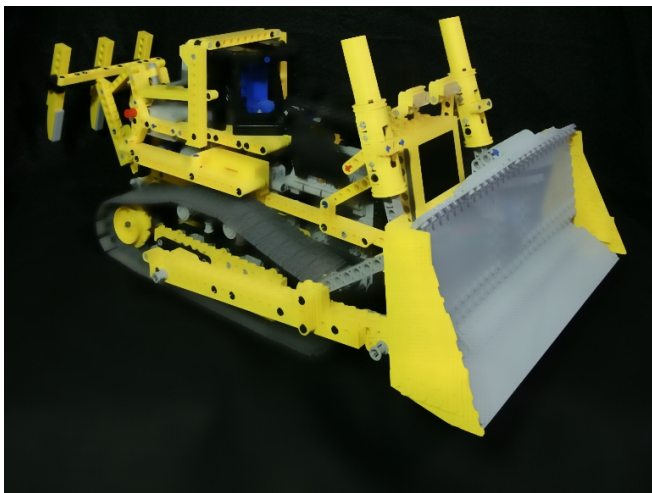
Median aperture



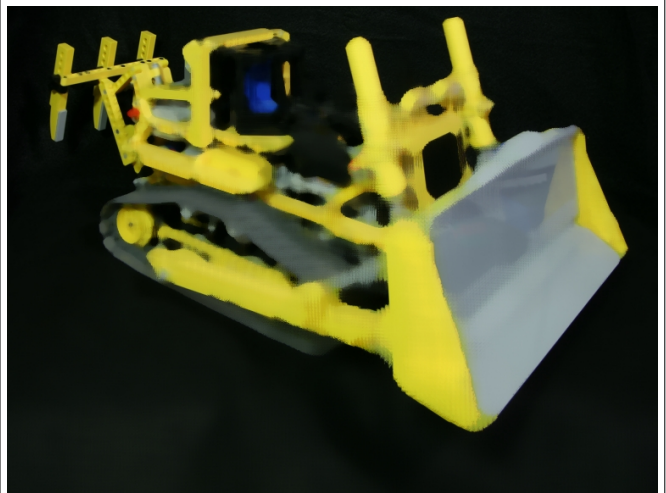
Lightfield data from <http://lightfield.stanford.edu/>



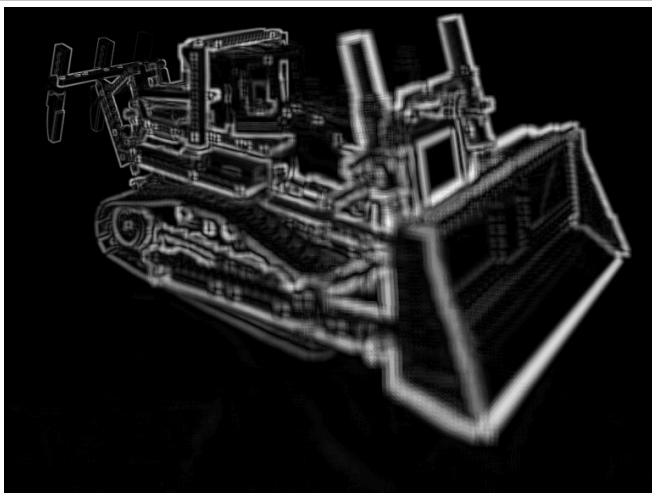
Average aperture



Bilateral aperture



Median aperture



Edge detector aperture



Lightfield data by Laurence Boissieux



Average aperture



Bilateral aperture



Median aperture



Watercolor style: the median aperture is used to produce rounded shapes and mimic a coarse brush



Cartoon style: the bilateral aperture is used to remove low contrast details while the edge detector aperture produces lines with depth-dependent width.