Border effect and size of image with filter

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Border effect example with box filter of 31x31
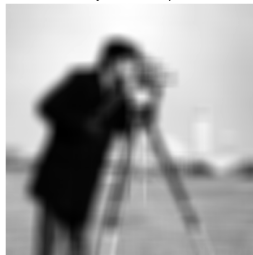

Original image

Zero padding

Periodic extension

Symmetric flip

Border effect example with box filter of 31x31: padding

Original image

Zero padding

Periodic extension

Symmetric flip

Size of filtered image with padding

Image of size (M, N) and filter of size (m, n)