Light Field Dataset 1

Supplemental Material 1

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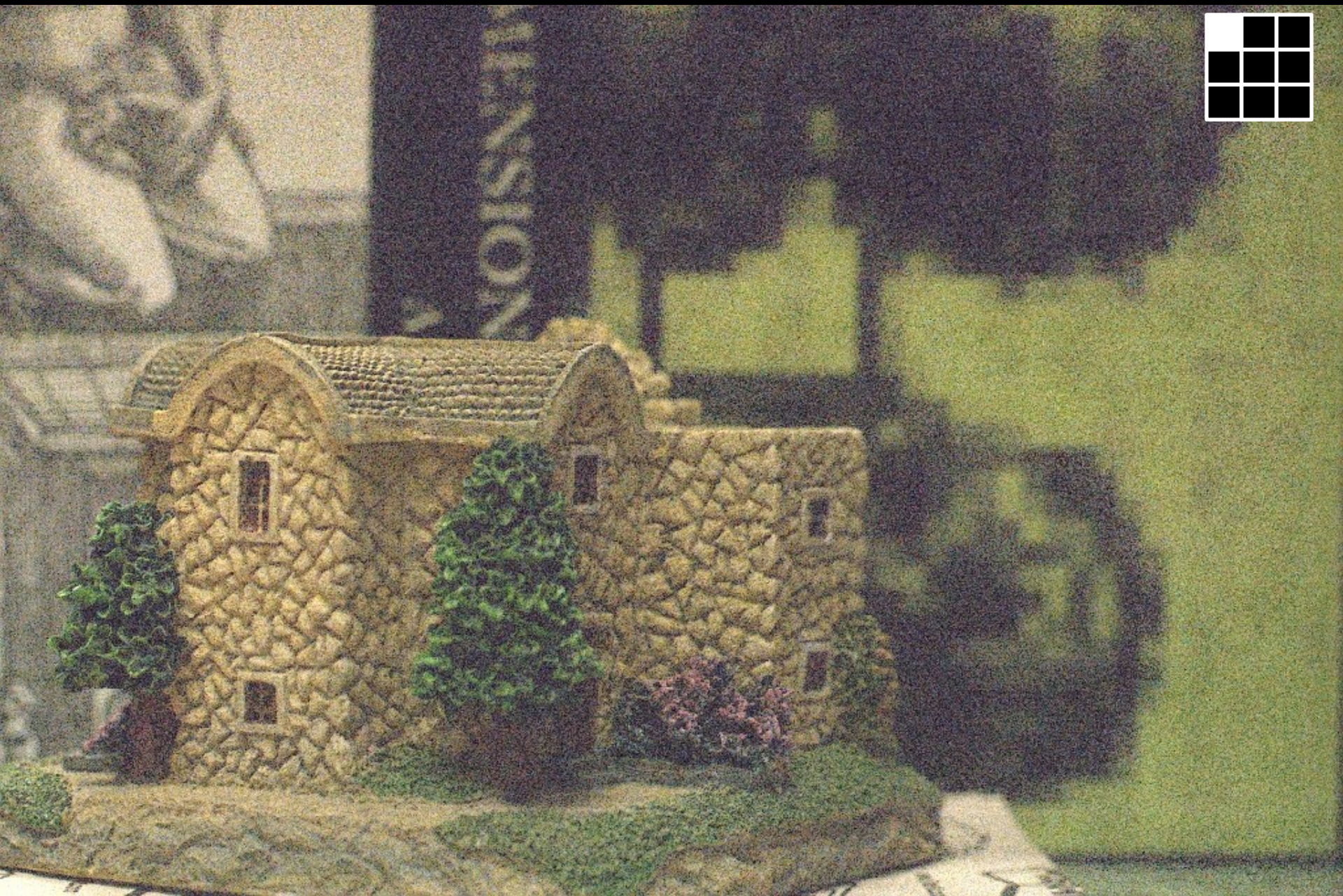
National Taiwan University

Background

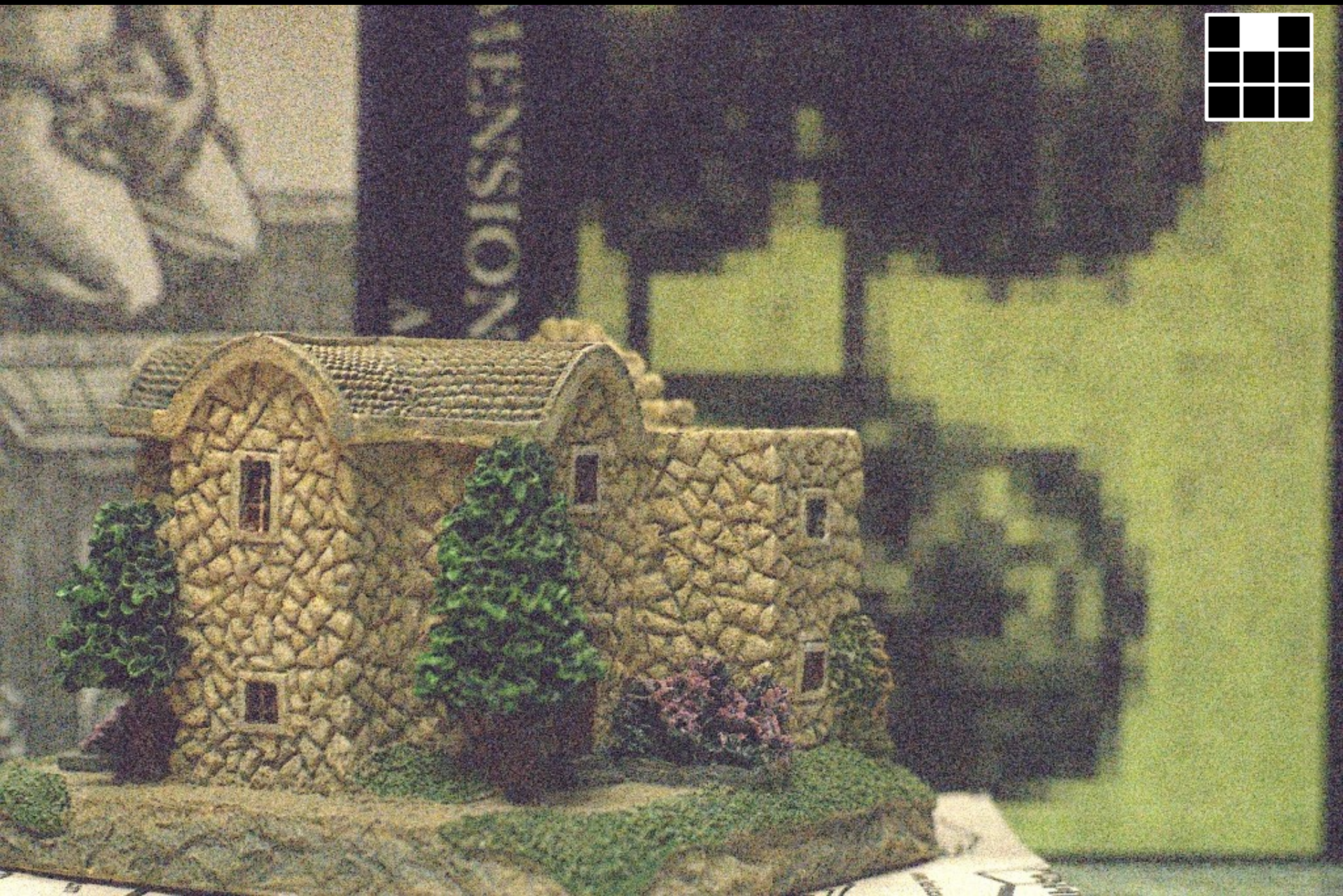
- Setup
  - Spatial resolution: 3039 × 2014
  - Angular resolution: 3 × 3
  - Exposure time: 10ms (total 90ms)

- Description
  - We first show the light field images captured without multiplexing. Then, we show the multiplexed images and the demultiplexed light field images. The insets are the corresponding multiplexing patterns of the aperture.

Straightforward Acquisition (1/9)



Straightforward Acquisition (2/9)



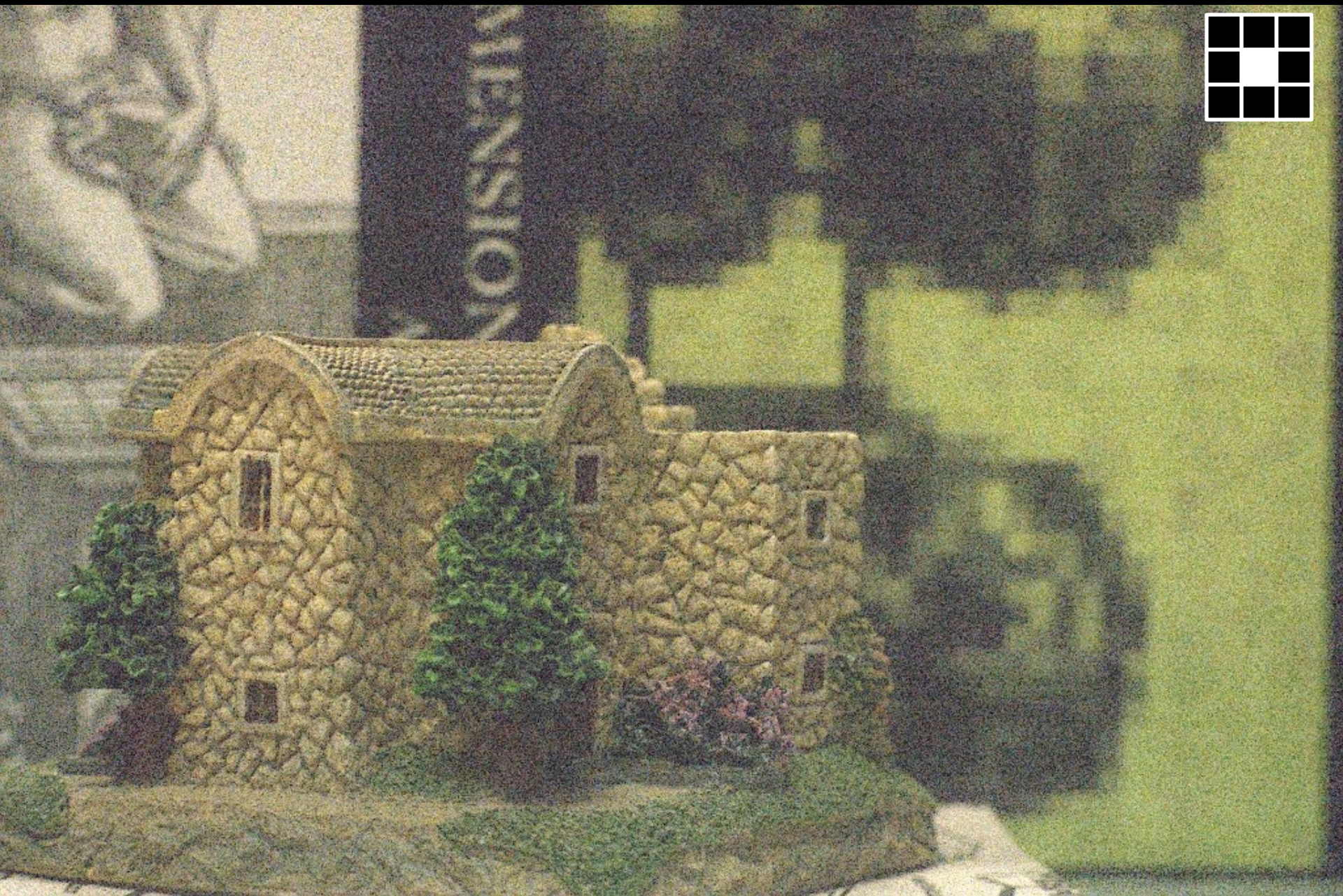
Straightforward Acquisition (3/9)



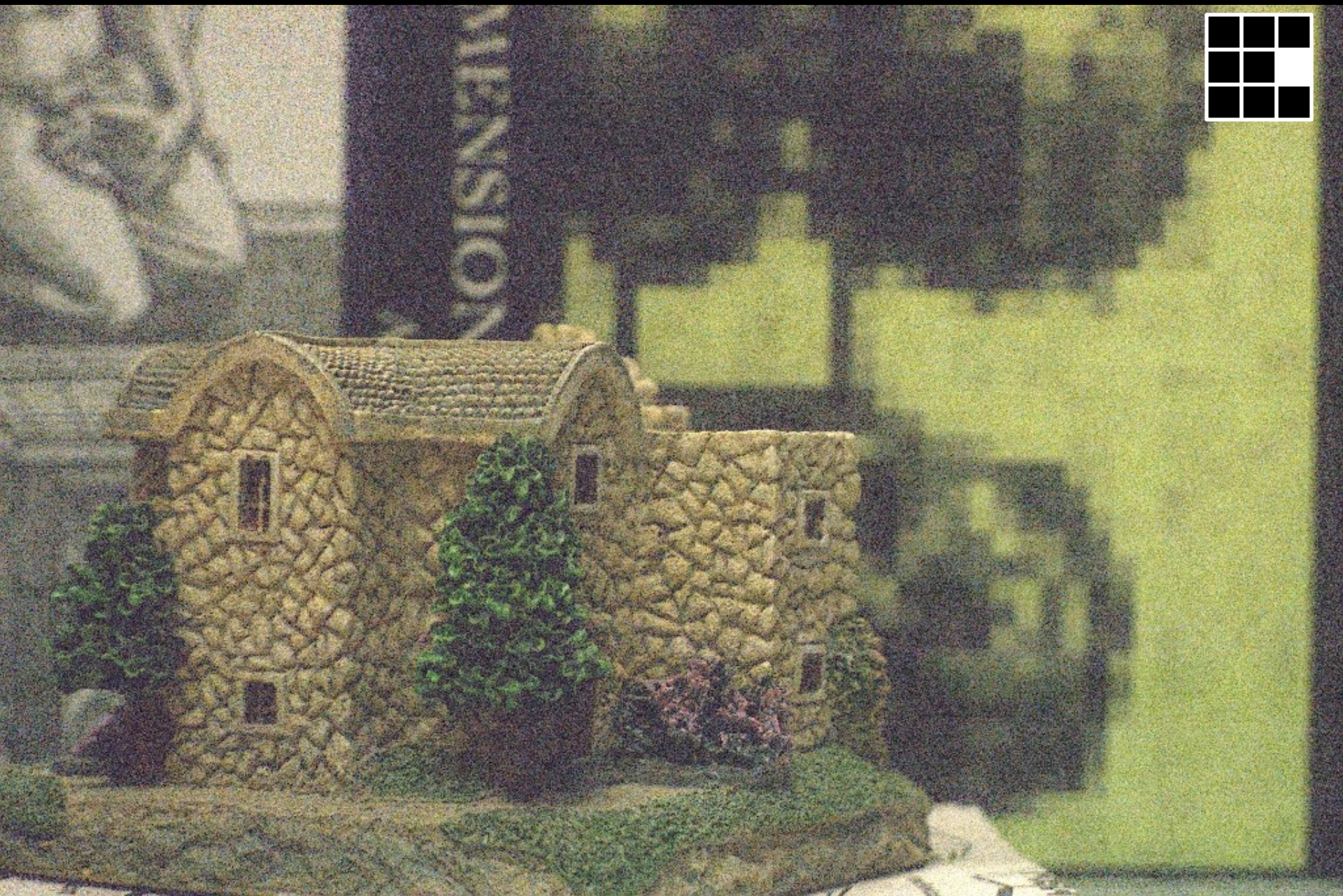
Straightforward Acquisition (4/9)



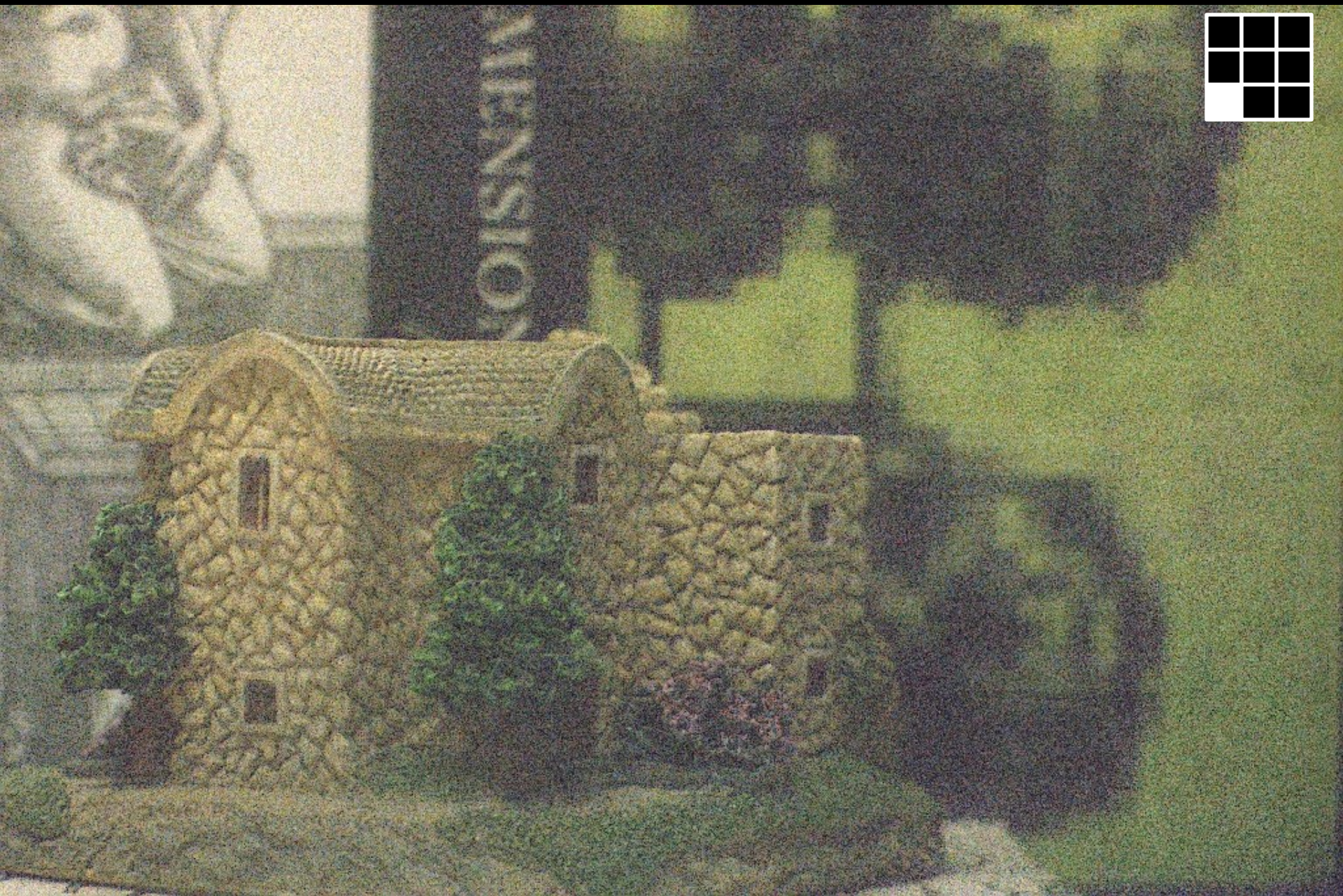
Straightforward Acquisition (5/9)



Straightforward Acquisition (6/9)



Straightforward Acquisition (7/9)



Straightforward Acquisition (8/9)



Straightforward Acquisition (9/9)



Multiplexed Acquisition (1/9)



Multiplexed Acquisition (2/9)



Multiplexed Acquisition (3/9)



Multiplexed Acquisition (4/9)



Multiplexed Acquisition (5/9)



Multiplexed Acquisition (6/9)



Multiplexed Acquisition (7/9)



Multiplexed Acquisition (8/9)



Multiplexed Acquisition (9/9)



Demultiplexed Light Field (1/9)



Demultiplexed Light Field (2/9)



Demultiplexed Light Field (3/9)



Demultiplexed Light Field (4/9)



Demultiplexed Light Field (5/9)



Demultiplexed Light Field (6/9)



Demultiplexed Light Field (7/9)



Demultiplexed Light Field (8/9)

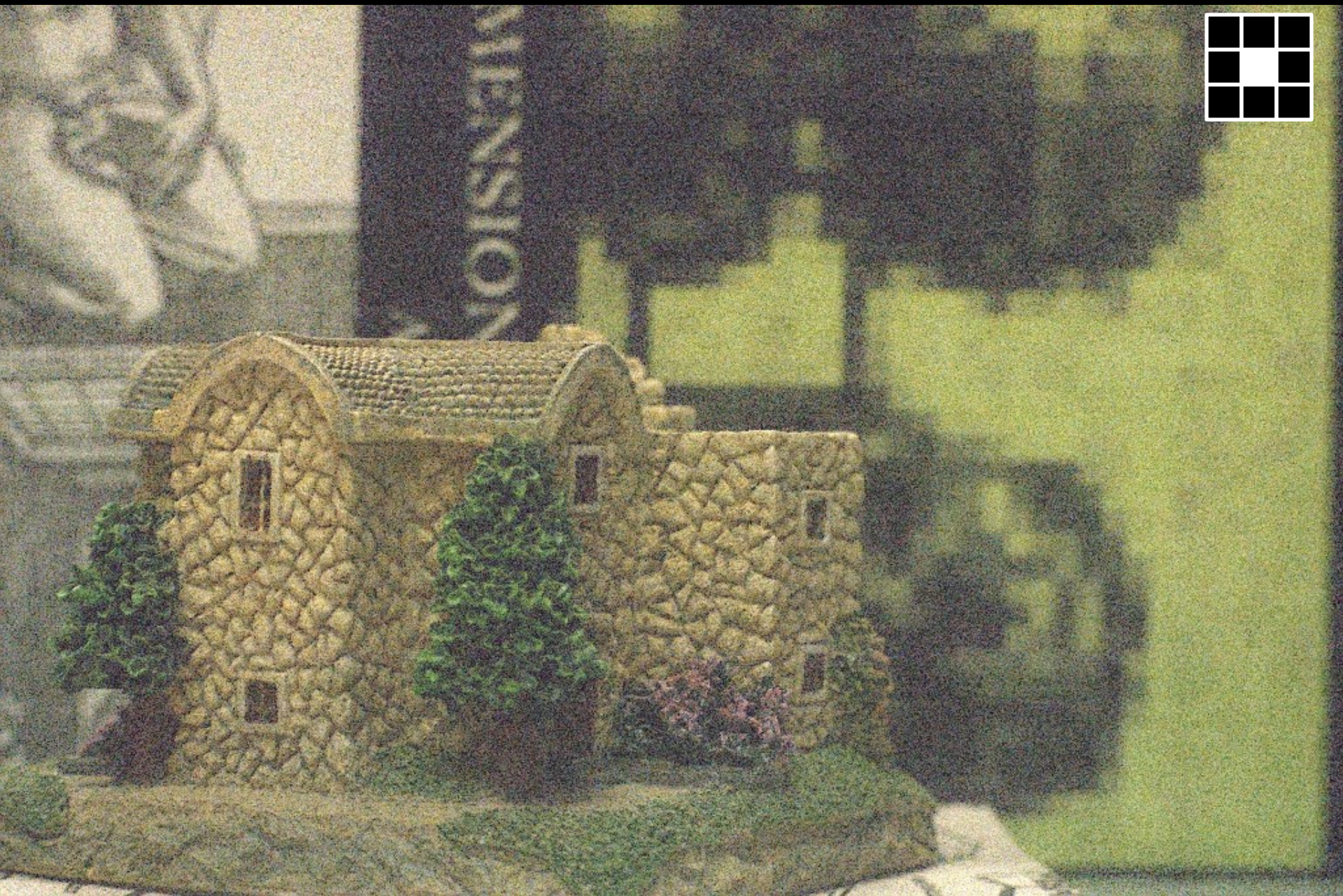


Demultiplexed Light Field (9/9)



Comparison

Straightforward Acquisition



Demultiplexed Light Field



Straightforward Acquisition

Multiplexed Acquisition

