

# Laplacian Image Pyramid

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# Laplacian Image Pyramid

- A multi-scale image decompositions algorithm
- Image FFT

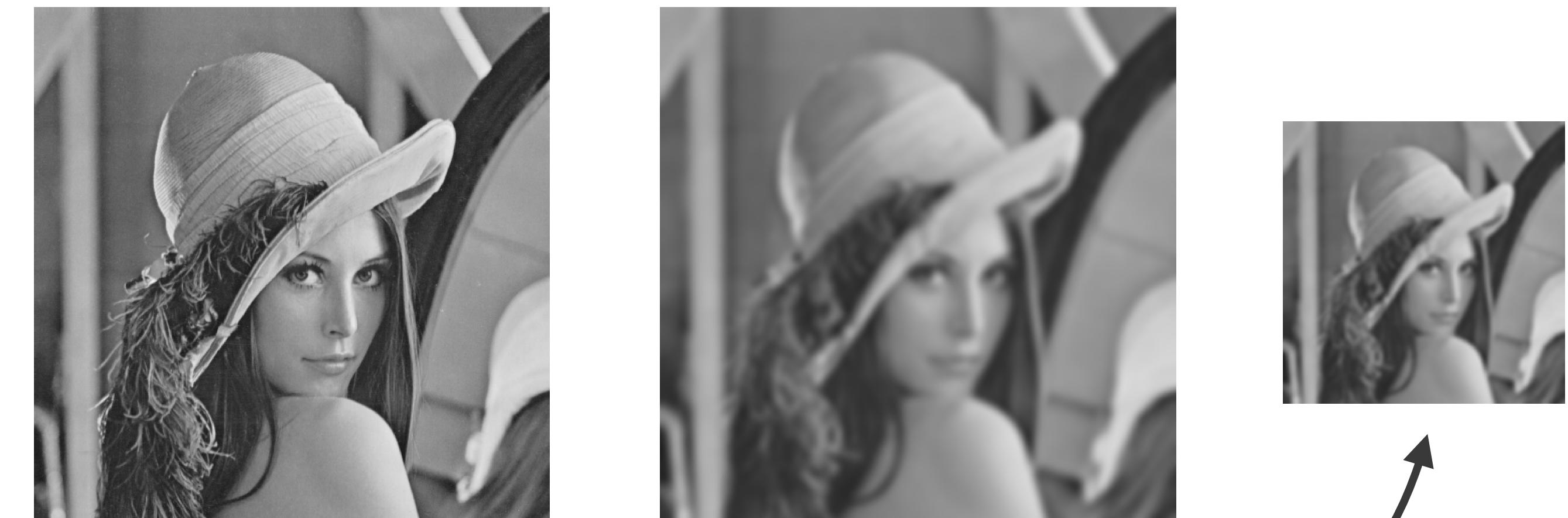


Laplacian  
Pyramid

# Laplacian Image Pyramid



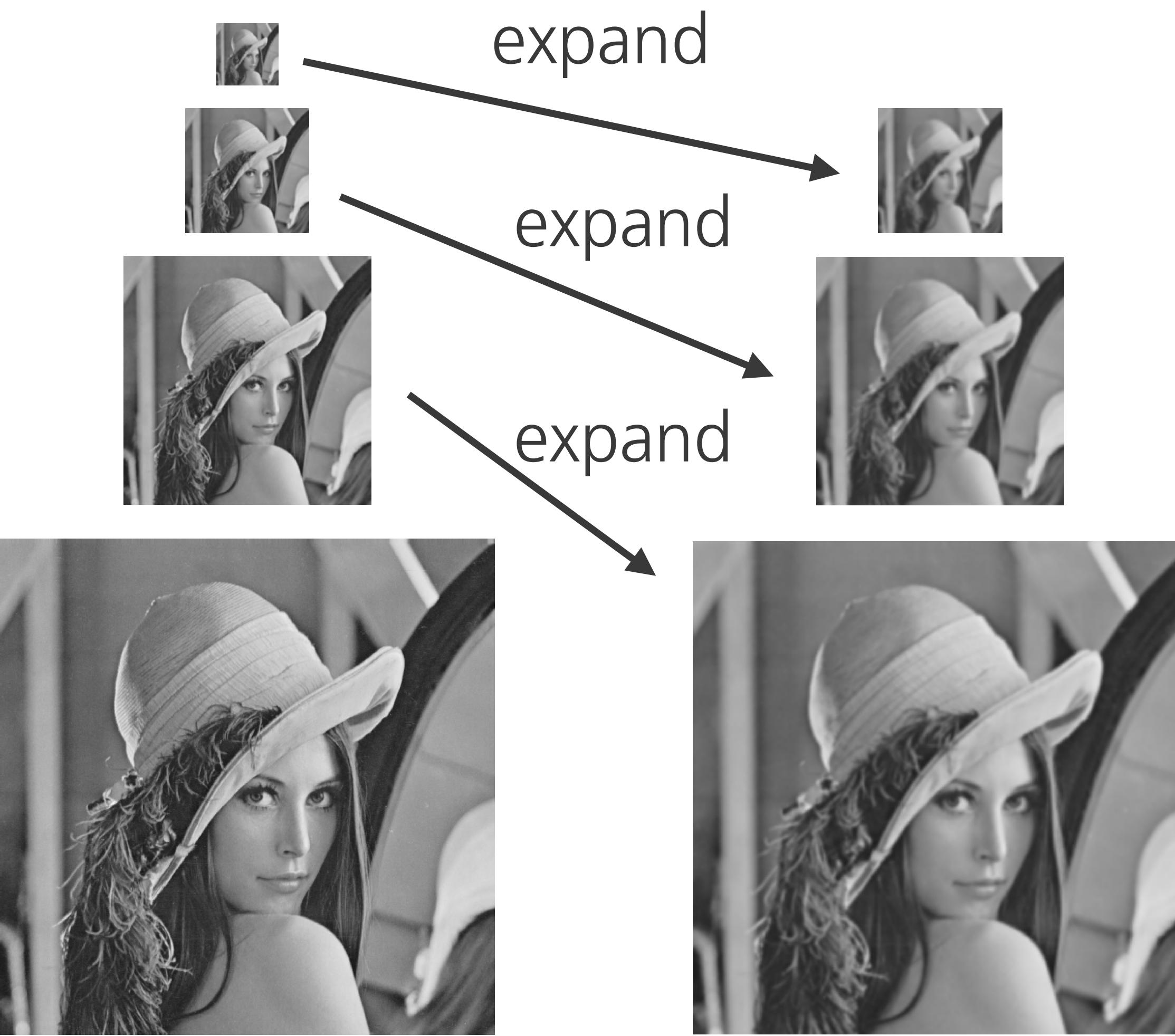
**Reduce Operation:**



Low-pass filtering

Subsampling

# Laplacian Image Pyramid



**Expand Operation:**



# Laplacian Image Pyramid



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Laplacian Pyramid

