

Image Pyramid



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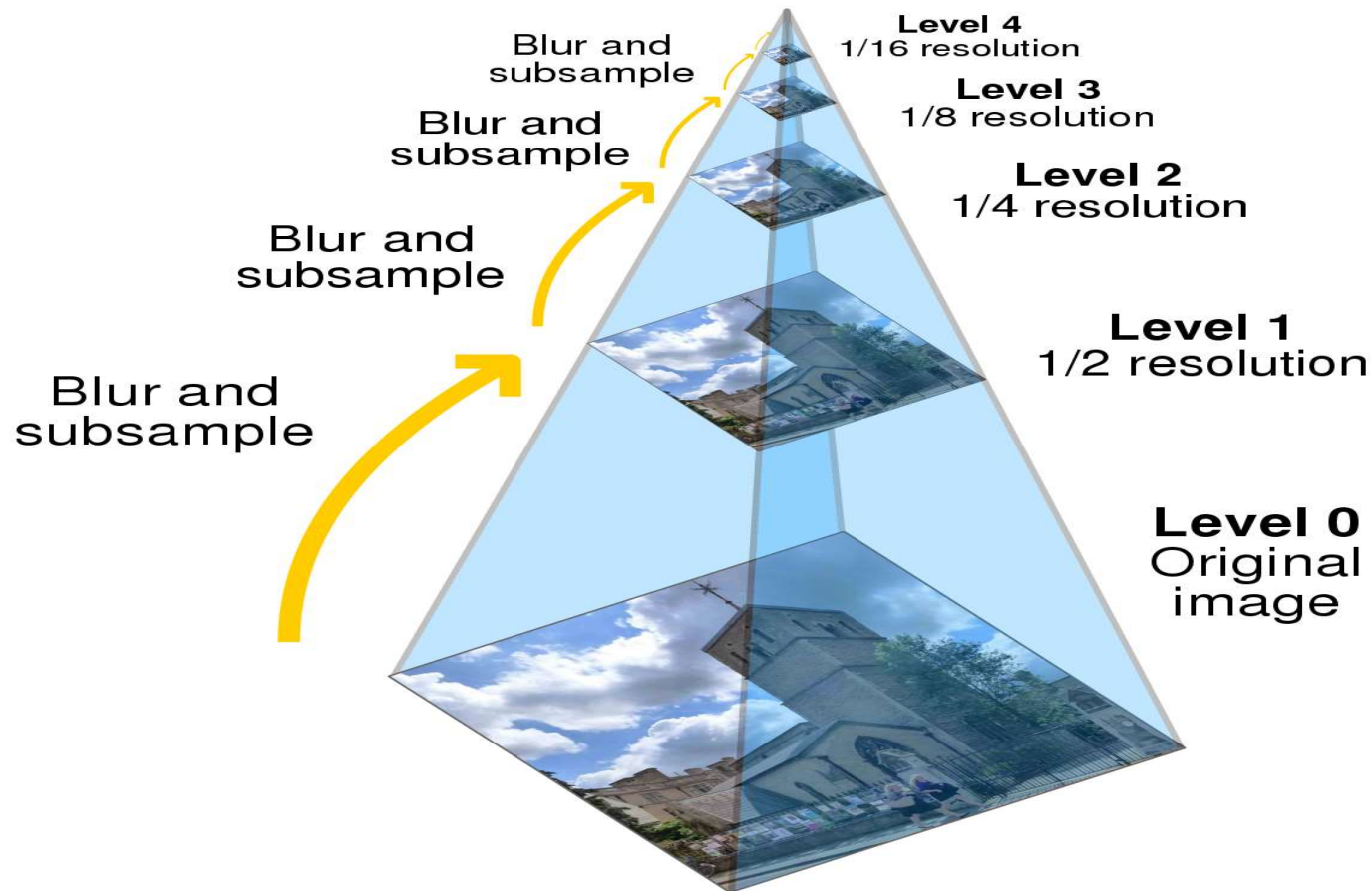
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Image Pyramid

- 影像金字塔 (Image Pyramid)
- 高斯金字塔 (Gaussian Pyramid)
- 拉普拉斯金字塔 (Laplacian Pyramid)



Image Pyramid



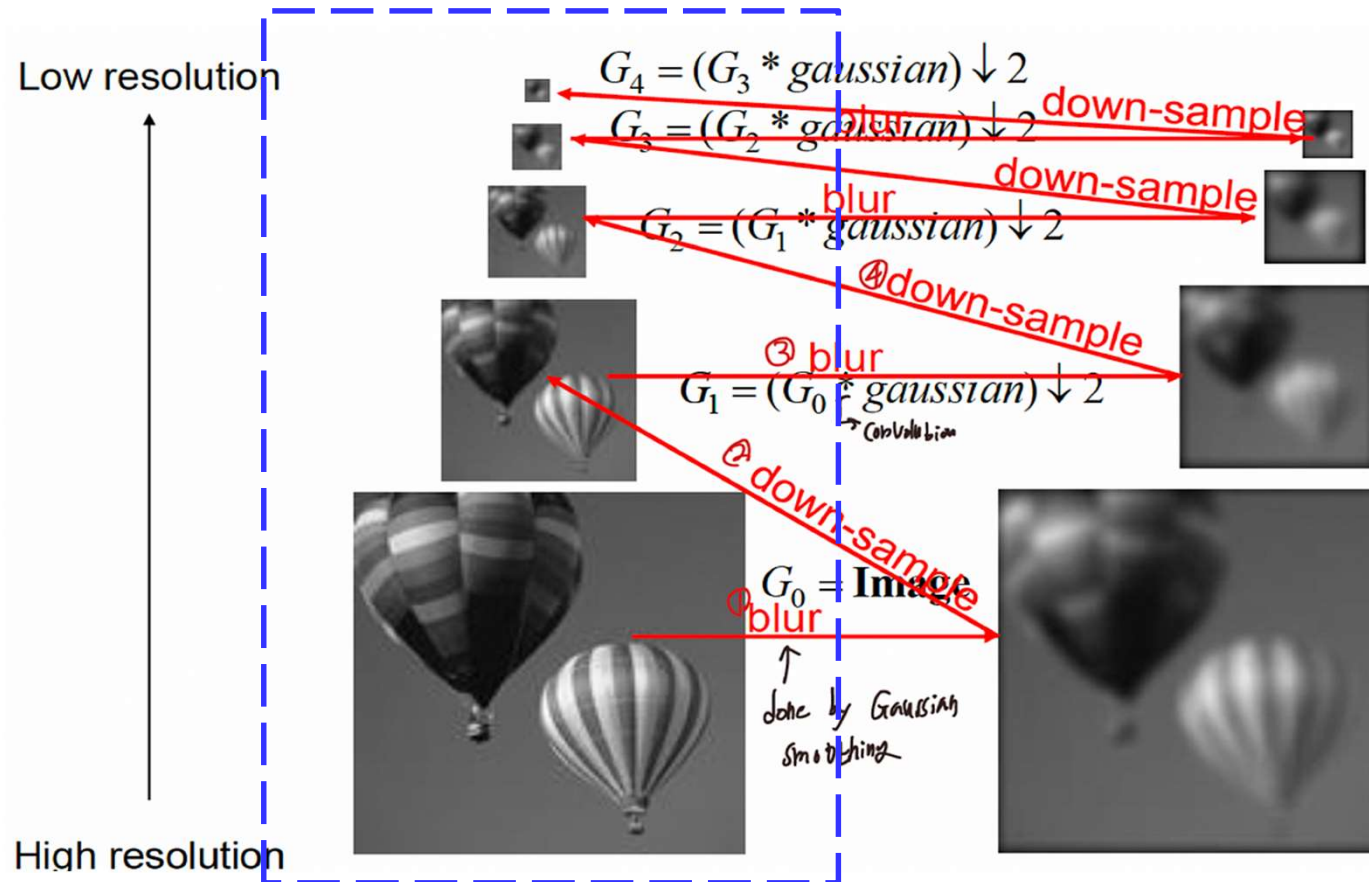
[https://en.wikipedia.org/wiki/Pyramid_\(image_processing\)](https://en.wikipedia.org/wiki/Pyramid_(image_processing))



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Gaussian Pyramid



<https://medium.com/jun94-devpblog/cv-4-multi-scale-representation-gaussian-and-laplacian-pyramid-527ca4c4831c>



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Laplacian Pyramid

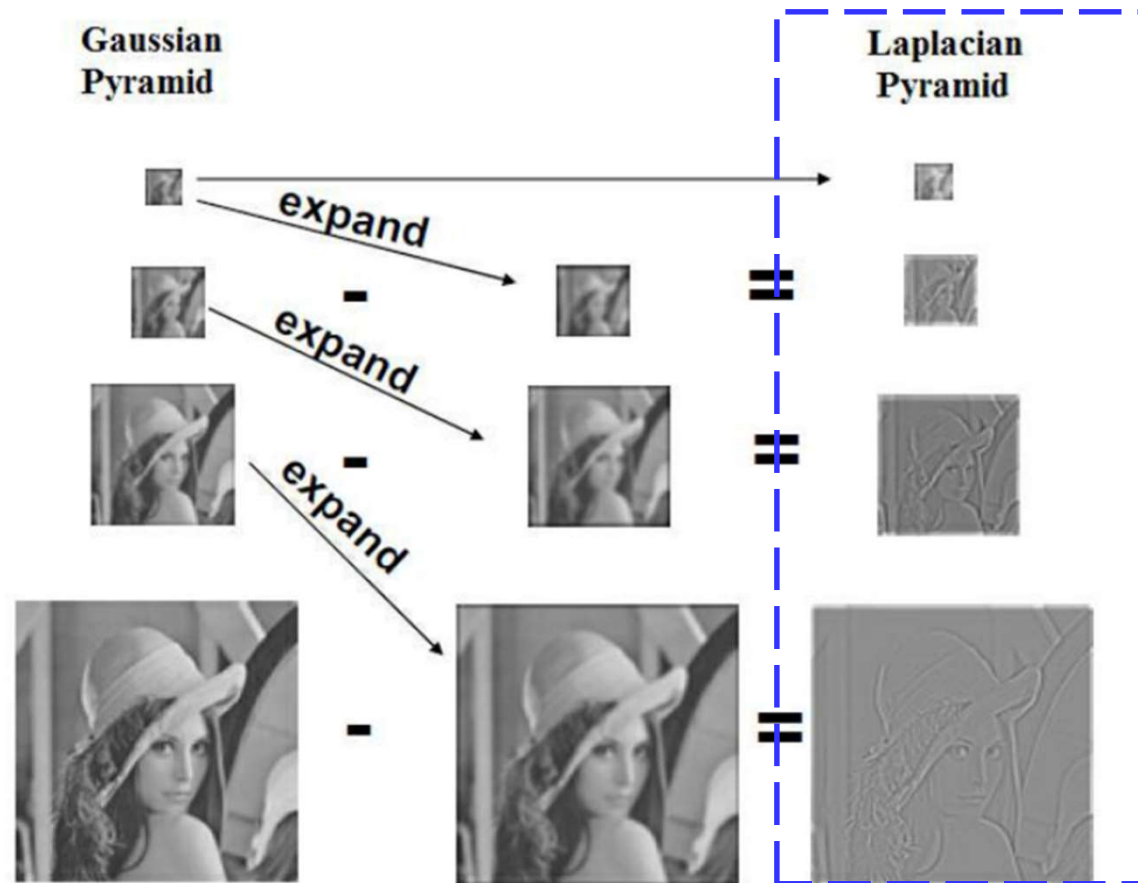
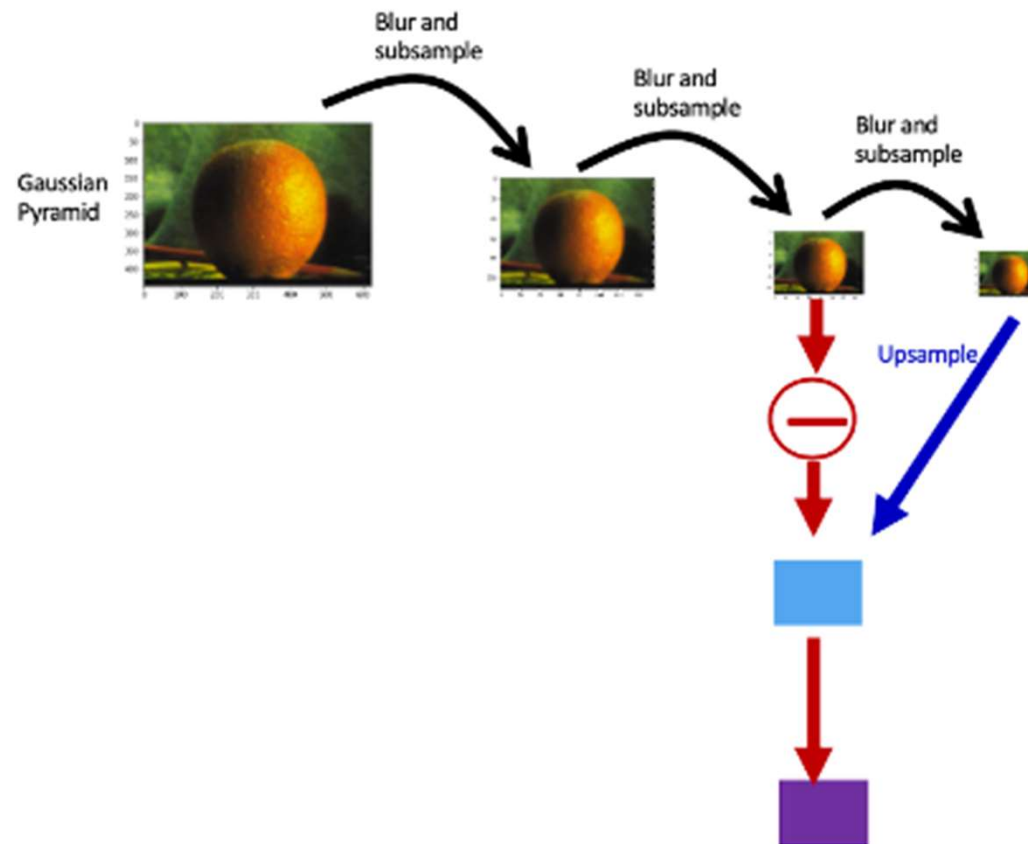


Image Blending



<https://becominghuman.ai/image-blending-using-laplacian-pyramids-2f8e9982077f>



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Image Blending

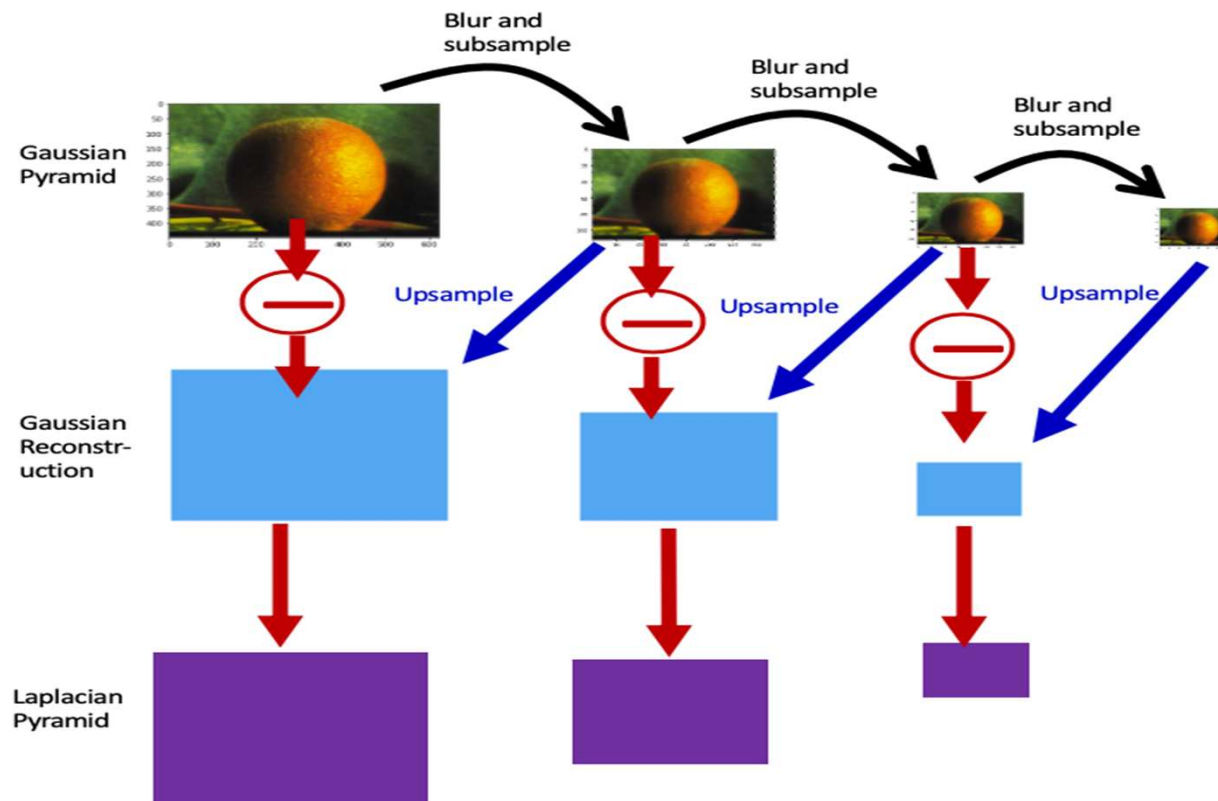
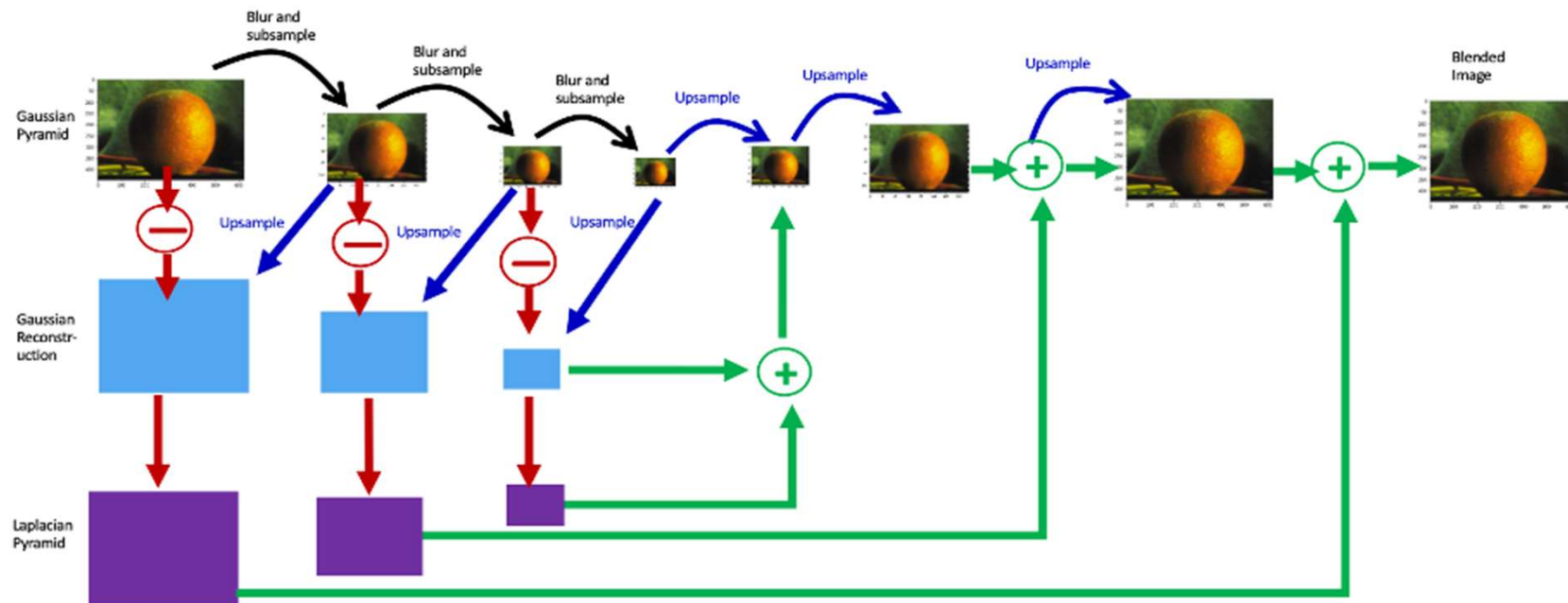


Image Blending



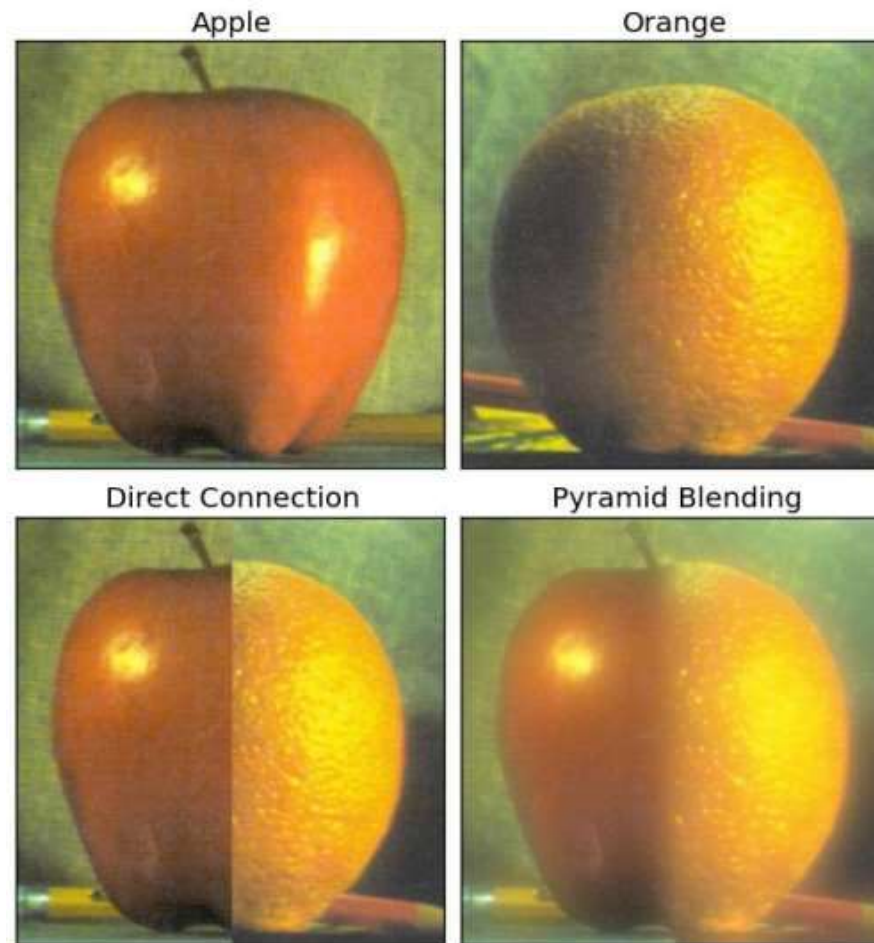
<https://becominghuman.ai/image-blending-using-laplacian-pyramids-2f8e9982077f>



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Image Blending



https://docs.opencv.org/4.x/dc/dff/tutorial_py_pyramids.html



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Image Blending



Apple image

+



Orange Image



Blended apple and orange.
What a fruit!



Unblended image

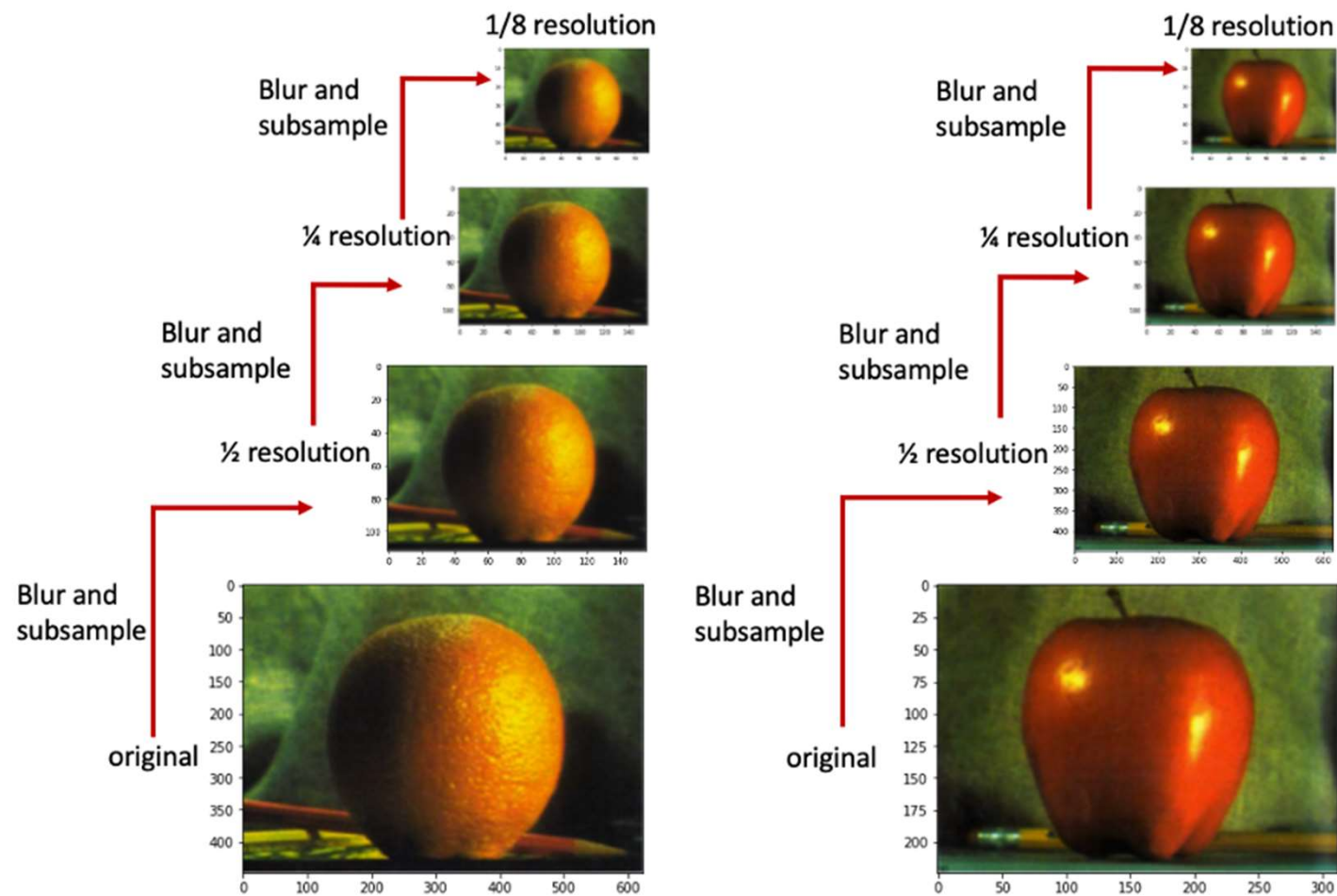
<https://becominghuman.ai/image-blending-using-laplacian-pyramids-2f8e9982077f>



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Image Blending



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