

# Reproduce Fast Upsampling

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# Outline

## 1. Results Analysis

# 1. Results Analysis

Low-Resolution

Mine (4x)



Before

No normalization...



Photo taken at my university opening ceremony.

# 1. Results Analysis

Low-Resolution



After

Mine (4x)



Photo taken at my university opening ceremony.

# 1. Results Analysis

Low-Resolution  
Close-up



Mine (4x)  
Close-up



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Photo taken at my university opening ceremony.

# 1. Results Analysis

Low-Resolution  
Close-up



Mine (4x)  
Close-up



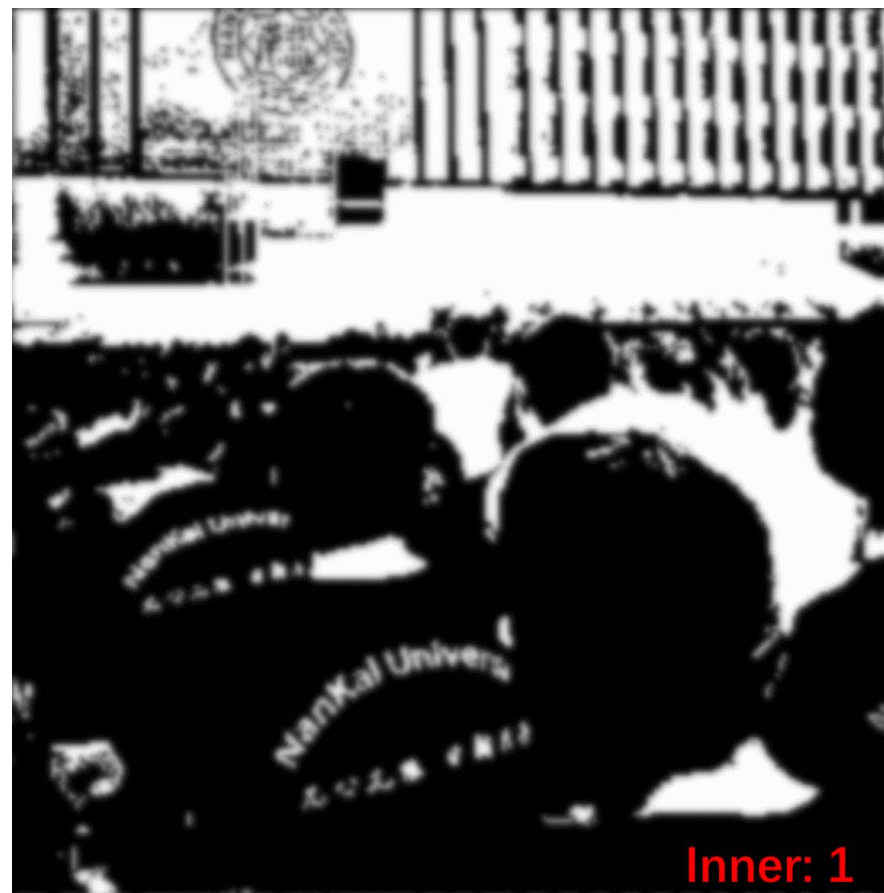
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Photo taken at my university opening ceremony.

# 1. Results Analysis



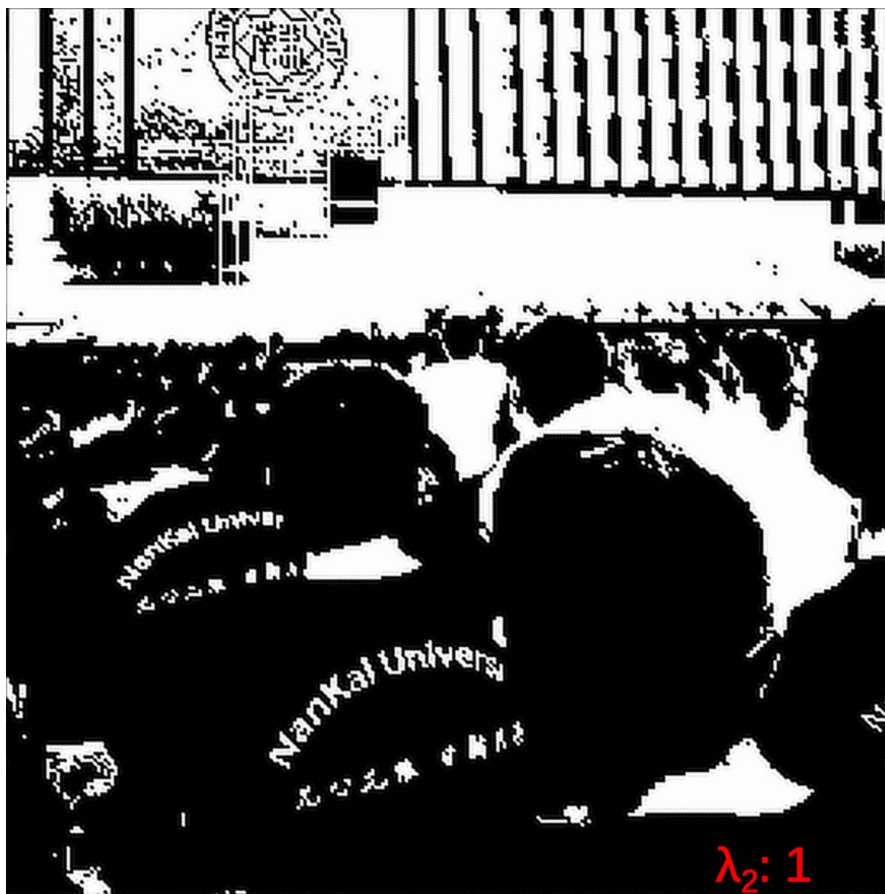
# 1. Results Analysis



Inner: 1

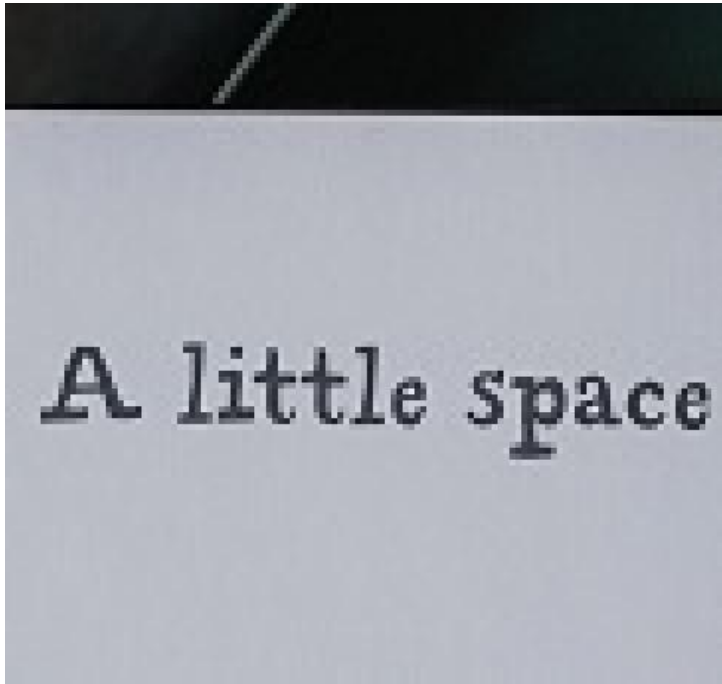


# 1. Results Analysis

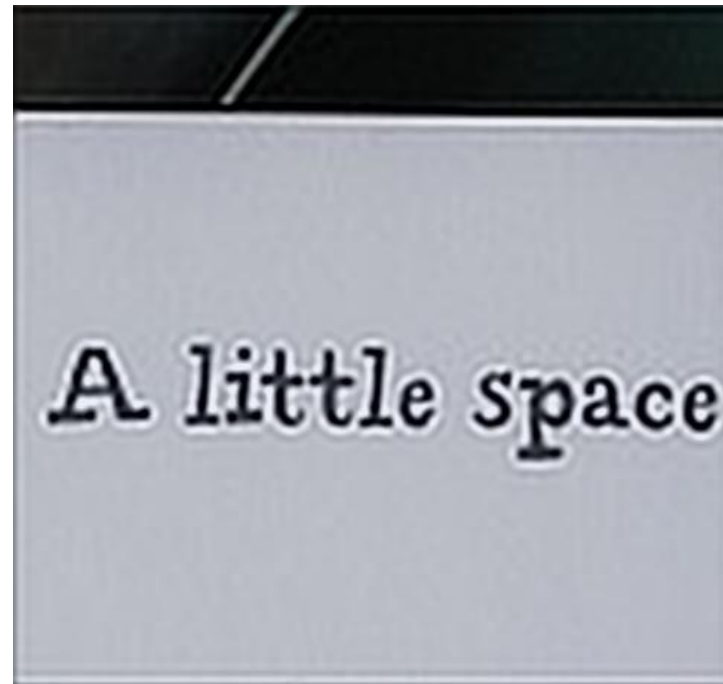


# 1. Results Analysis

Low-Resolution



Mine (4x)



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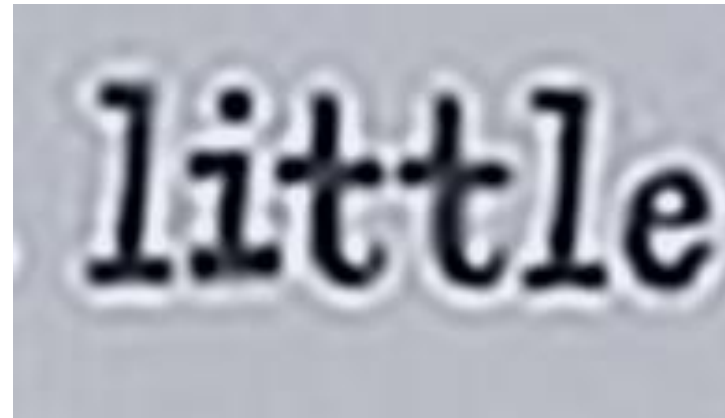
Photo by [Toa Heftiba](#) on [Unsplash](#) (Note that original picture has been cropped.)

# 1. Results Analysis

Low-Resolution  
Close-up



Mine (4x)  
Close-up

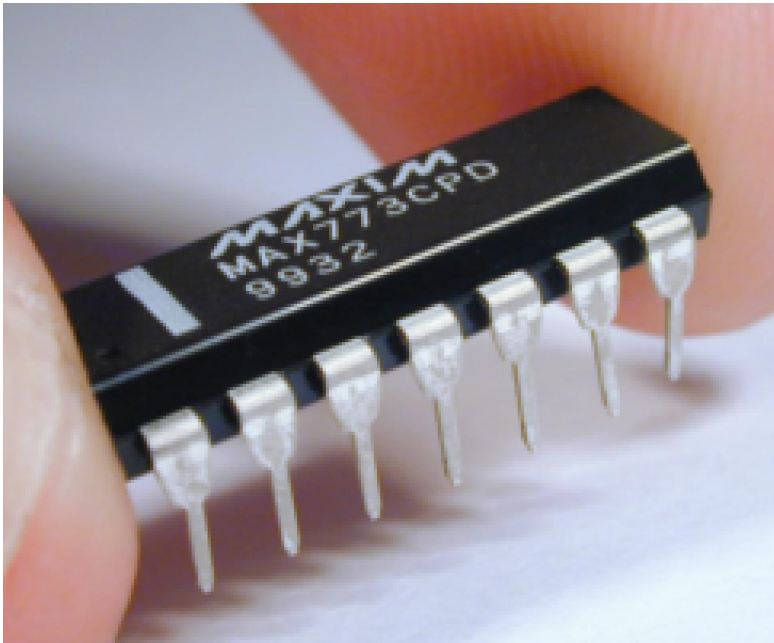


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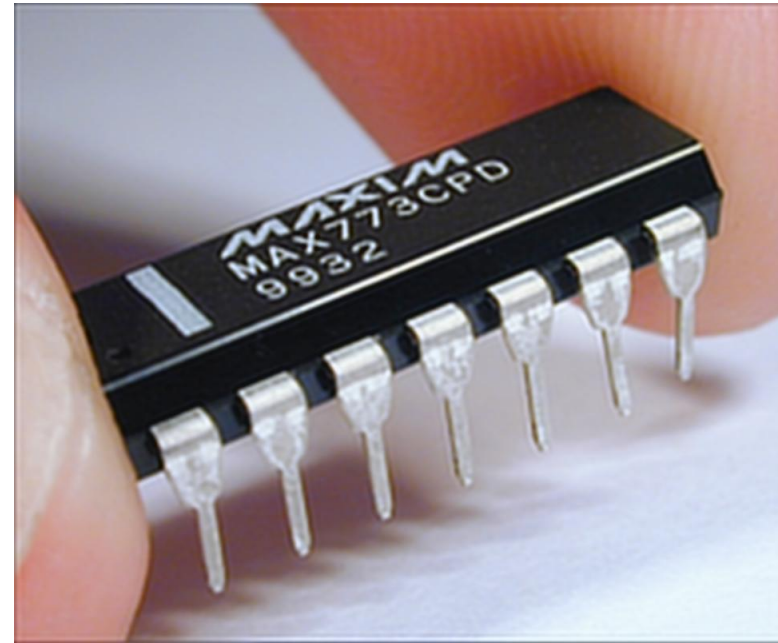
Photo by [Toa Heftiba](#) on [Unsplash](#) (Note that original picture has been cropped.)

# 1. Results Analysis

Low-Resolution



Mine (4x)



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Shan, Qi, Zhaorong Li, Jiaya Jia, and Chi-Keung Tang. "Fast image/video upsampling." In *ACM Transactions on Graphics (TOG)*, vol. 27, no. 5, p. 153. ACM, 2008.

# 1. Results Analysis

Low-Resolution  
Close-up



Mine (4x)  
Close-up



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# 1. Results Analysis

Low-Resolution



Mine (4x)



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# 1. Results Analysis

Low-Resolution  
Close-up



Mine (4x)  
Close-up



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# 1. Results Analysis

Low-Resolution



Mine (4x)



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Phot taken at Xi'an Huimin Street.



# 1. Results Analysis

Low-Resolution  
Close-up



Mine (4x)  
Close-up



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Phot taken at Xi'an Huimin Street.

# 1. Results Analysis

