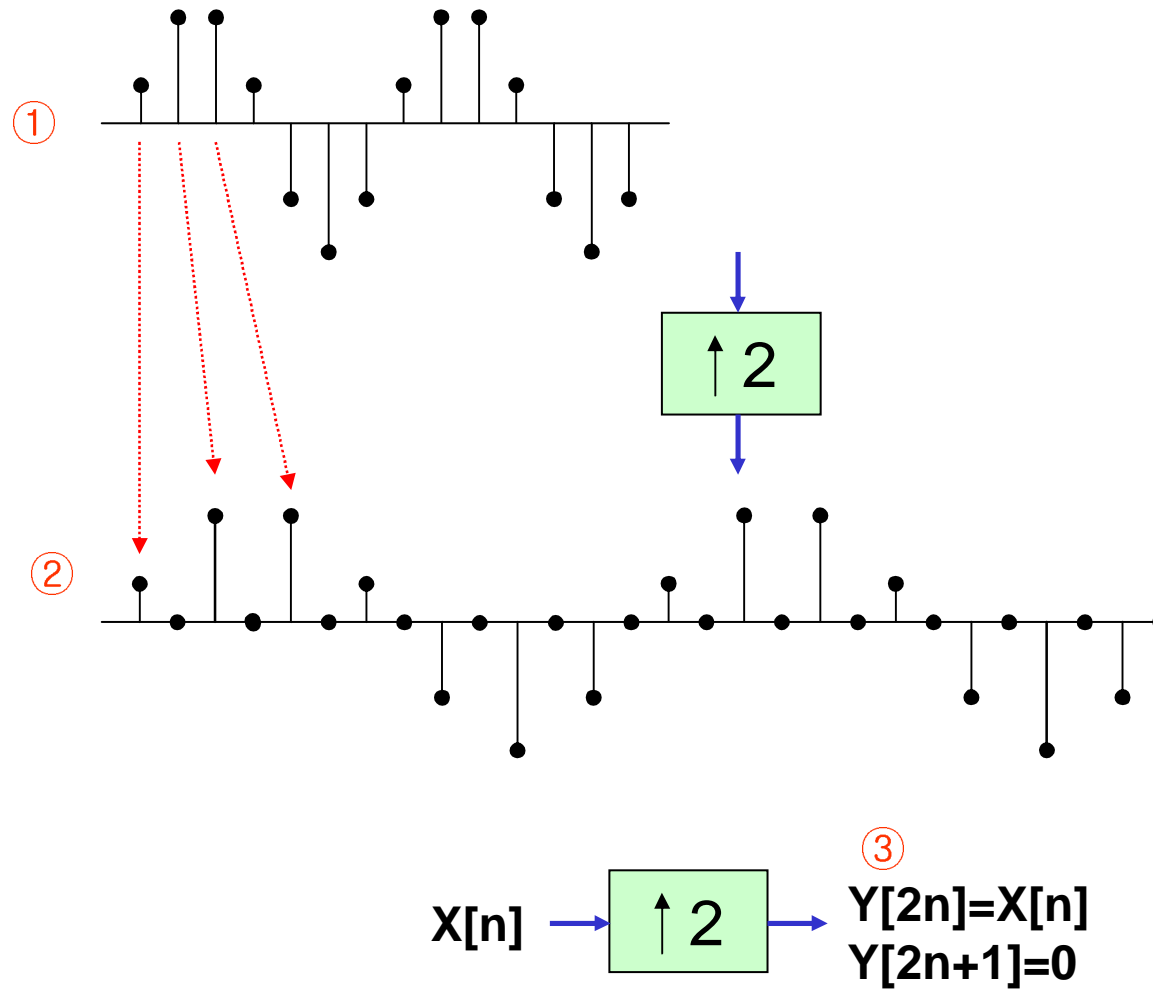


# Resizing Images (Up-sampling)

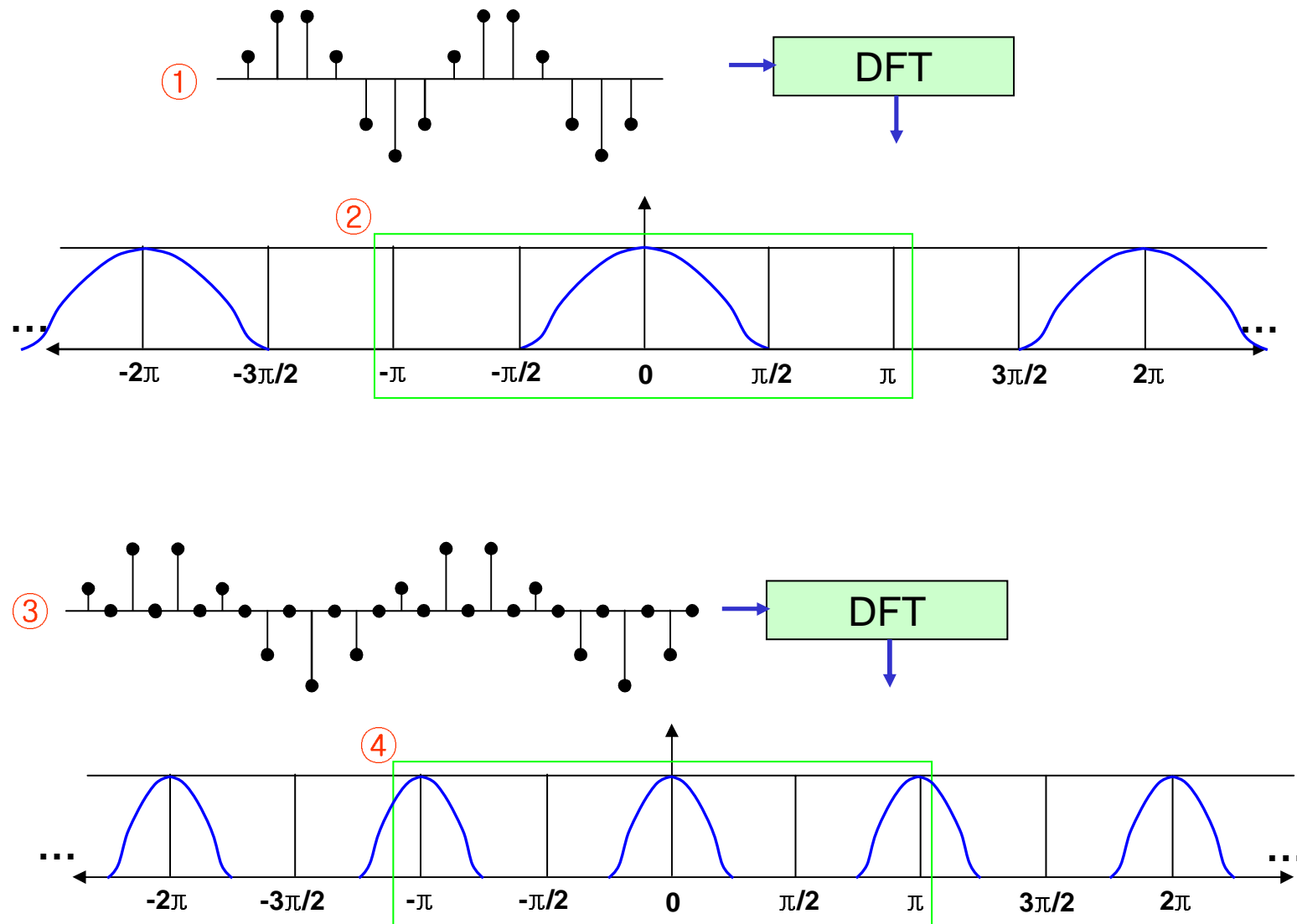


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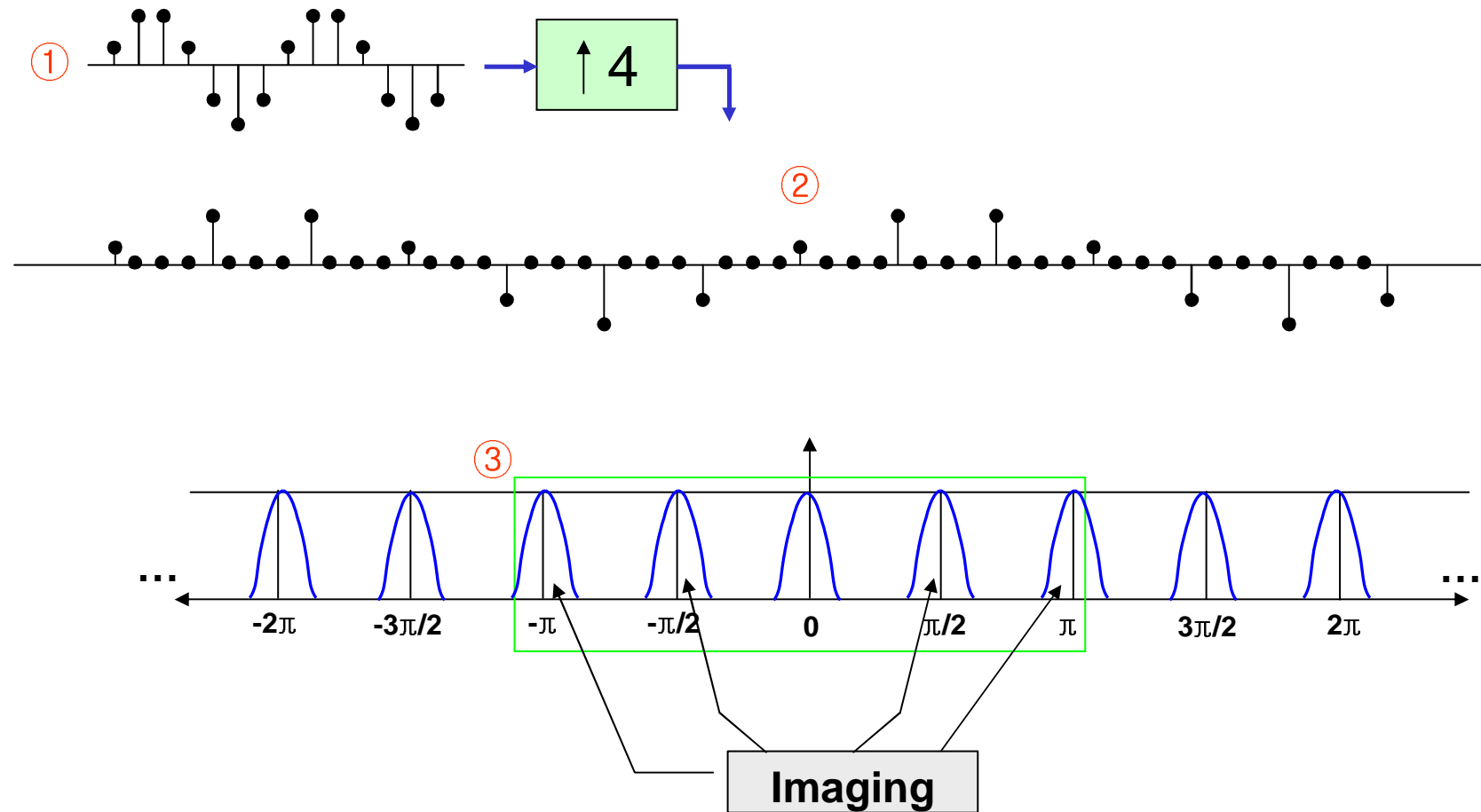
# Up-sampling In Temporal Domain



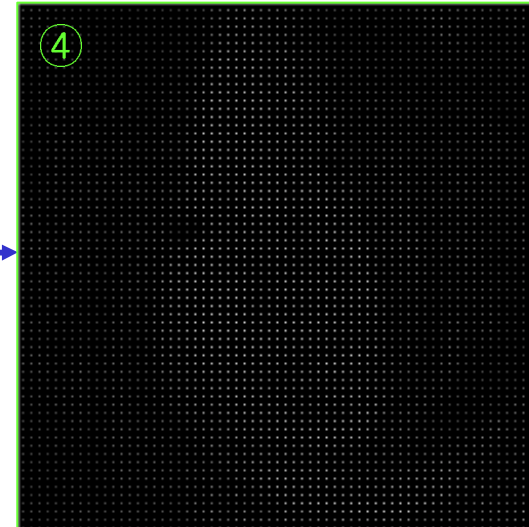
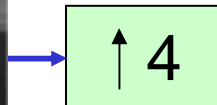
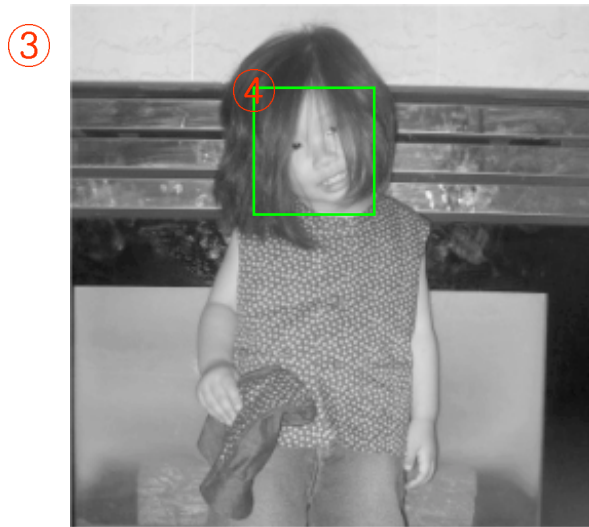
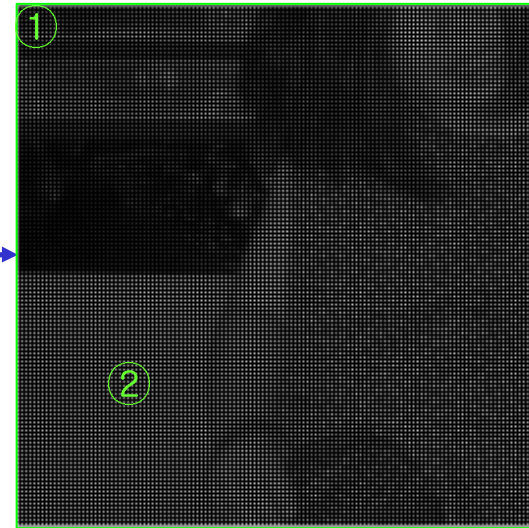
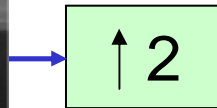
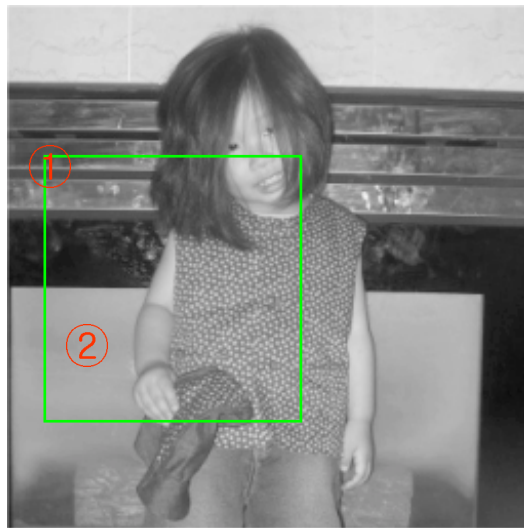
# Up-sampling and Frequency Response



# Up-sampling and The Aliasing Effect

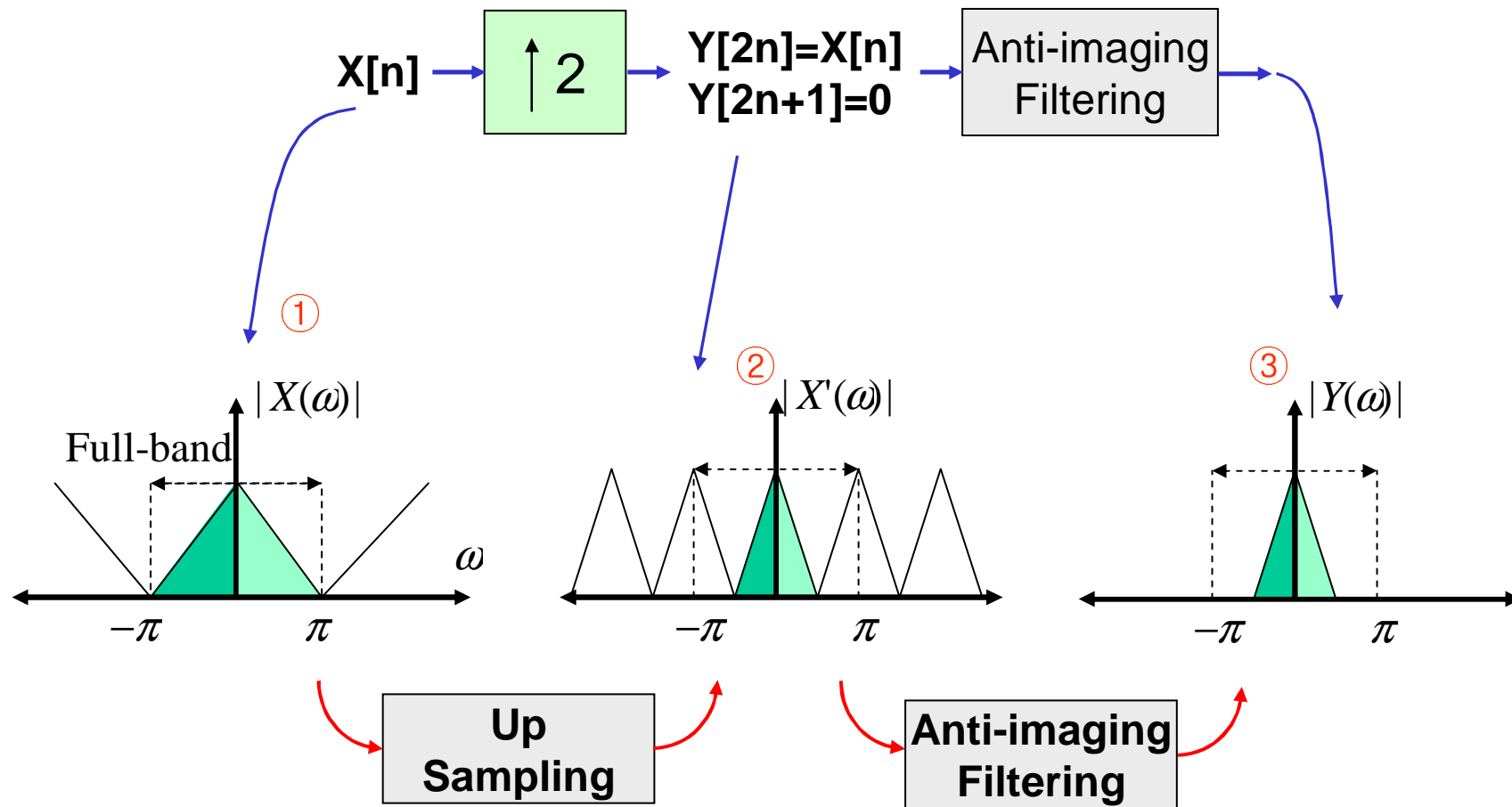


# The Imaging Effect in Images

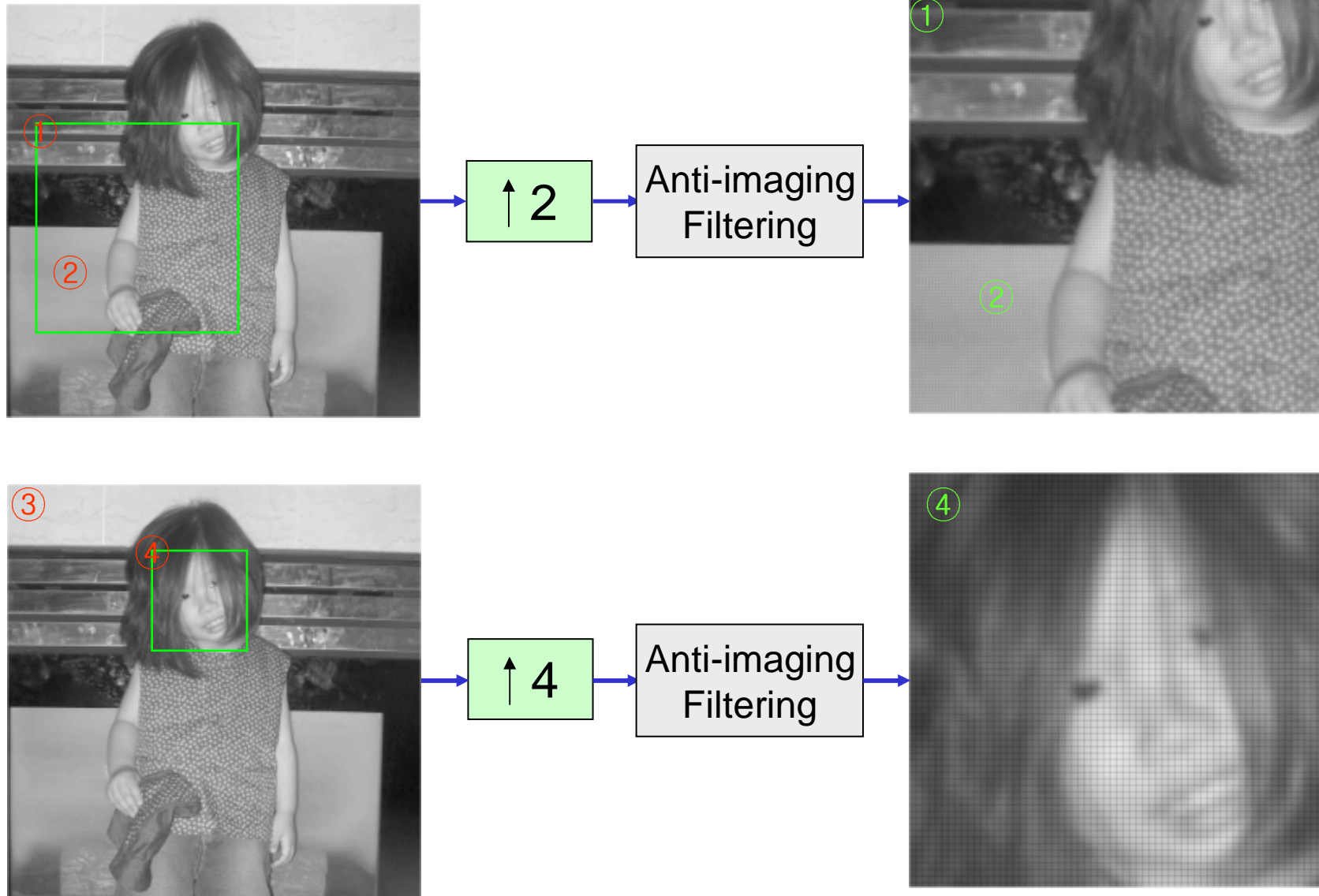


# Canceling The Imaging Effect

- Anti-imaging filtering



# Canceling The Imaging Effect



# Summary

- Up-sampling
- The imaging effect
- Anti-imaging filtering