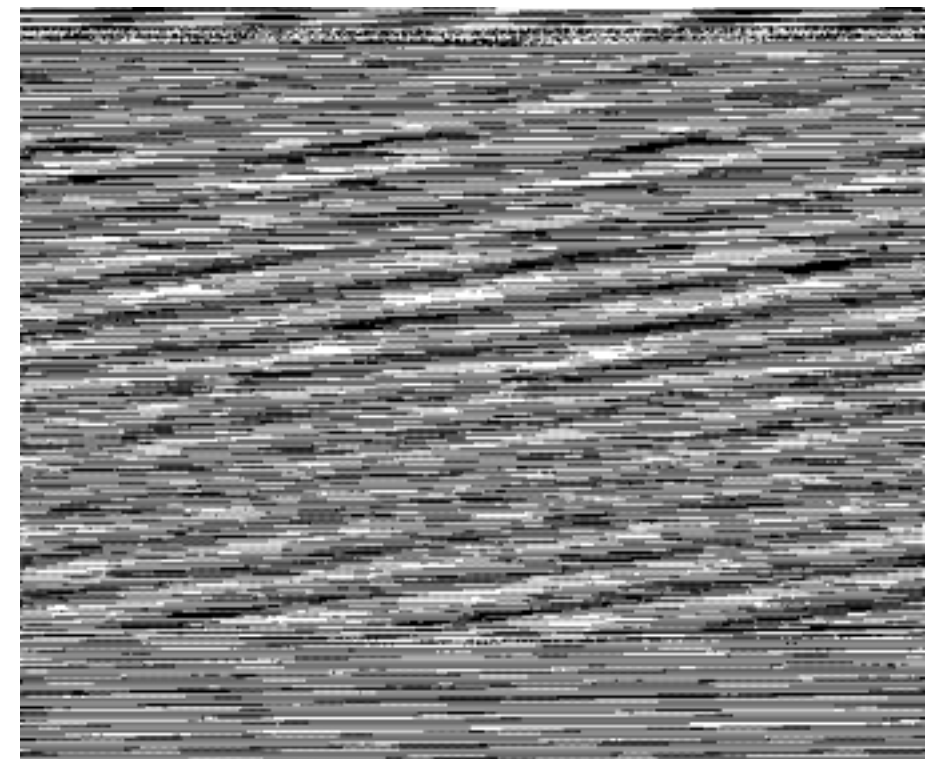
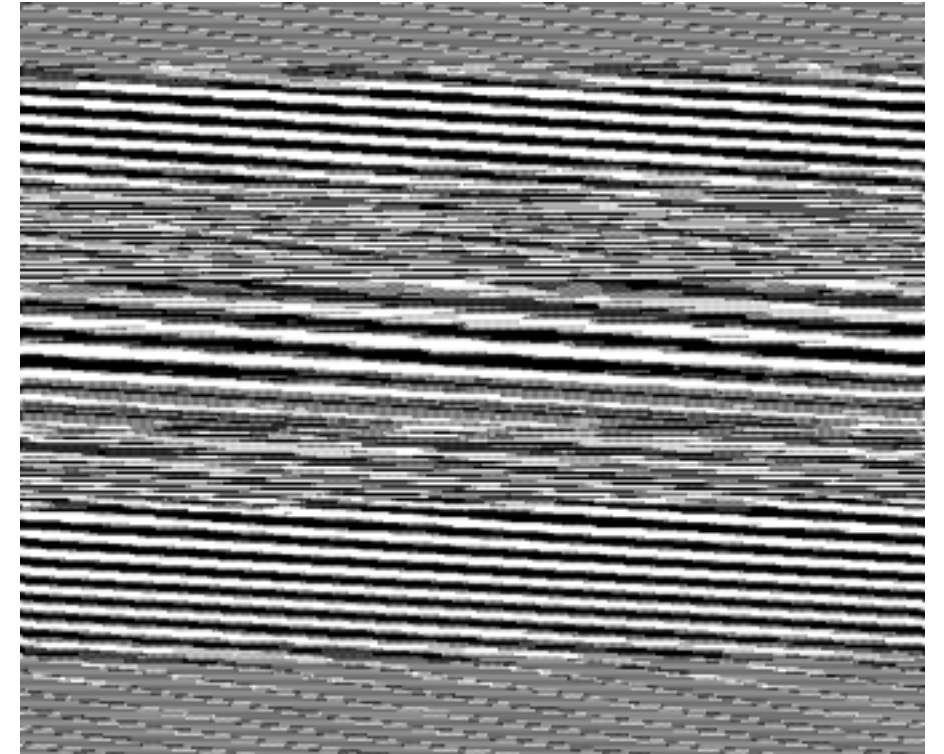


SEPARATING MUSICAL CONTENT FROM STYLE

- Neural networks can be used to combine the content of one image with the style of another.
- Allows for new art to be created that mimics the style of another painting
- What happens when a similar algorithm is applied to musical data?
- Depends on the encoding from audio to visual, but even naïve approaches lead to interesting results.



Combining the two clips on the right led to the clip on the left. Some of the banding from the content image (top) is left in the result, but a lot of the clarity was removed by the more complex input.



NEXT STEPS

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- Work to reduce the noise to signal ratio
- Conduct hypothesis testing to establish correlation between input images
- Investigate redesign of image loading system to correct value narrowing