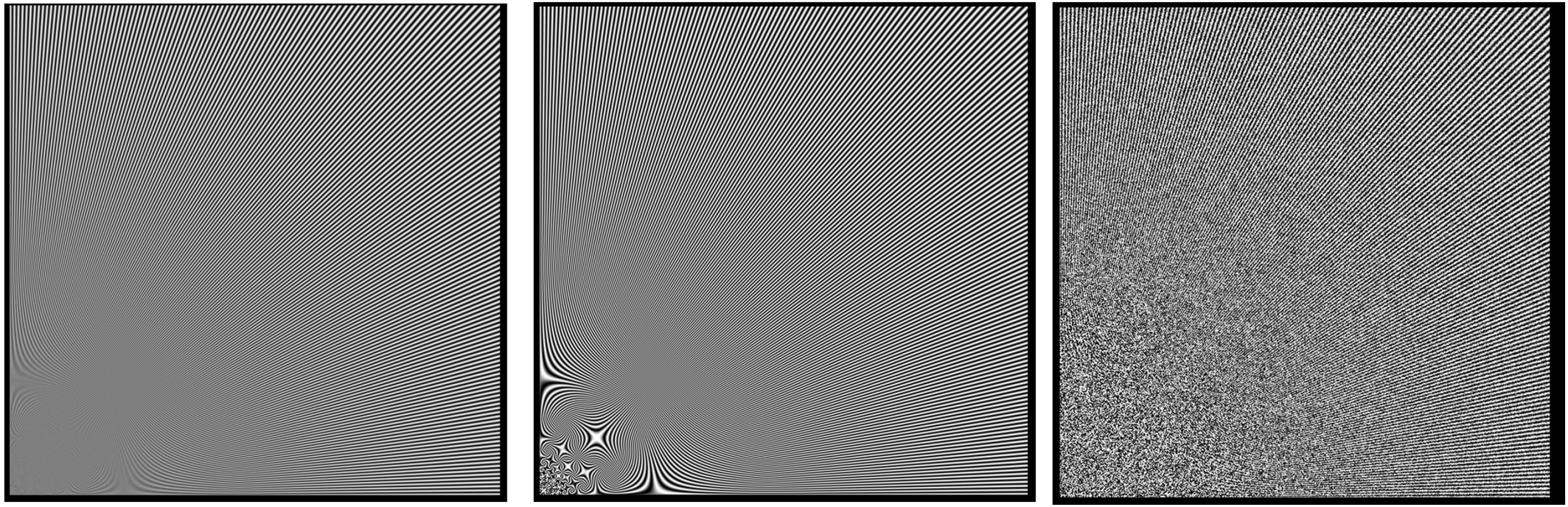
# Why stratified sampling is superior

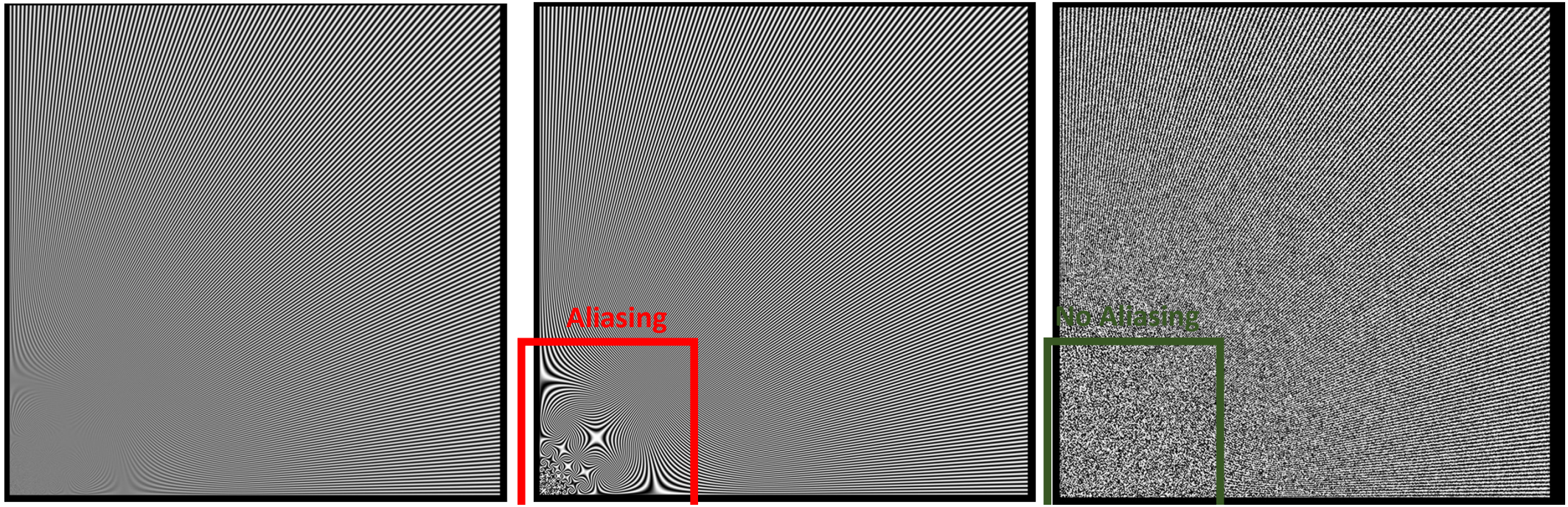
# Stratified is better than regular sampling

- On the left the “original image” is shown with many samples.
- In the center the image with one regular sample is shown, on the right it is shown with stratified sampling.
- As can be seen the regular sampling produces a lot of aliasing, which is not the case for stratified sampling.



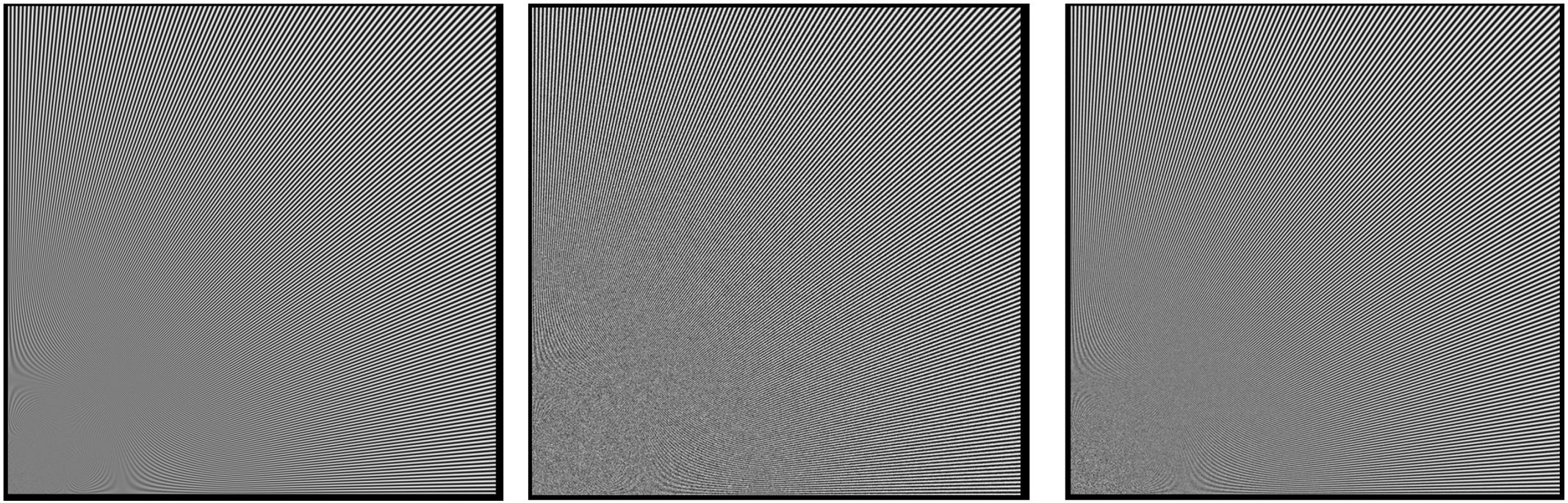
# Stratified is better than regular sampling

- On the left the “original image” is shown with many samples.
- In the center the image with one regular sample is shown, on the right it is shown with  stratified sampling.
- As can be seen the regular sampling produces a lot of aliasing, which is not the case for stratified sampling.



# Stratified is better than random sampling

- On the left the “original image” is shown with many samples.
- In the center the image with 16 random samples is shown, on the right it is shown with 16 stratified samples.
- As can  be seen the random sampling produces much more noise than the stratified sampling



# Stratified is better than random sampling

- On the left the “original image” is shown with many samples.
- In the center the image with 16 random samples is shown, on the right it is shown with 16 stratified samples.
- As can  be seen the random sampling produces much more noise than the stratified sampling