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aliasing

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Aliasing

Used in the context of processing digitized signals (e.g. audio) and images (e.g. video), aliasing describes the effect of undersampling during digitization which can generate a false (apparent) low frequency for signals, or staircase steps along edges in images (jaggies.) Aliasing can be avoided by an antialiasing (analogue) low-pass filter, before sampling. The term antialiasing is also in use for *a posteriori* signal smoothing intended to remove the effect.

References

- Based on content from The Data Analysis Briefbook (<http://rkb.home.cern.ch/rkb/title>)