

White noise dithering and its effect on ADC conversion

Karsten Sengebusch

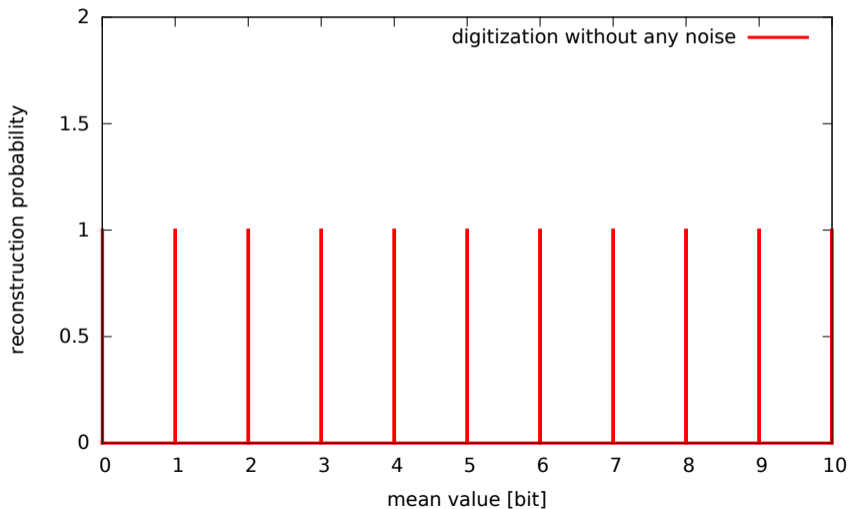
Eureca Messtechnik GmbH
Eupener Str. 150
50933 Köln

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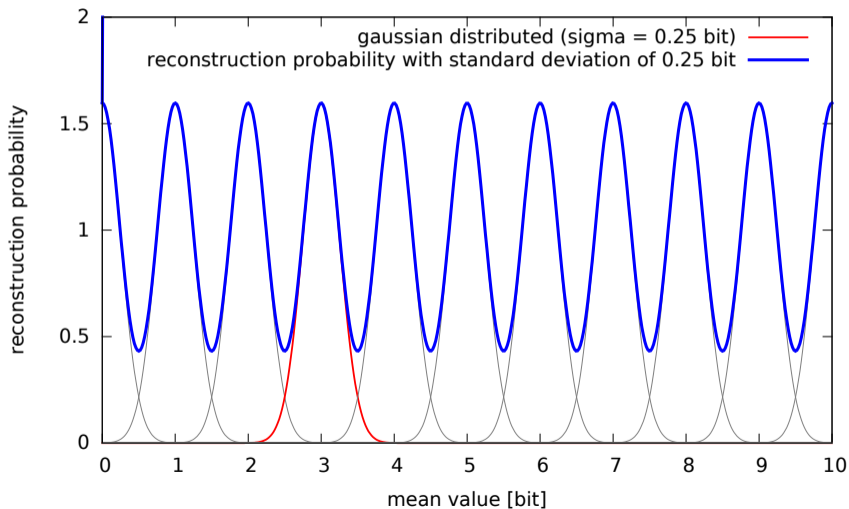


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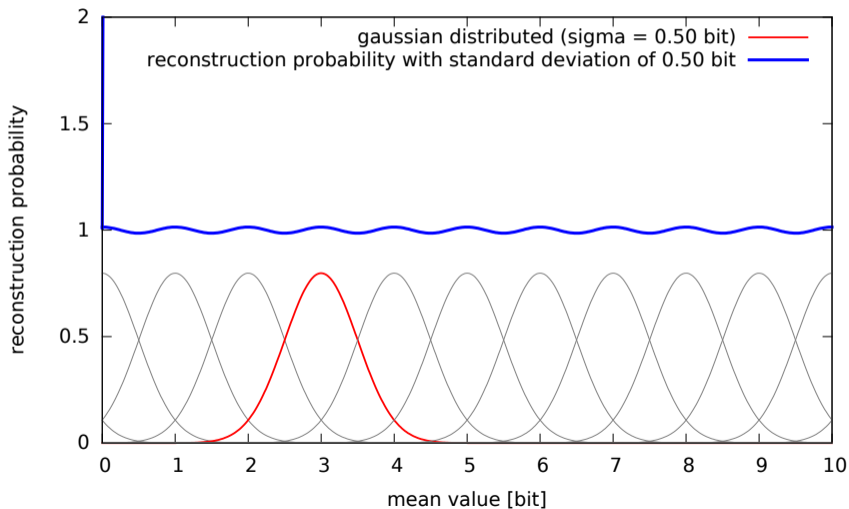
mean value reconstruction probability



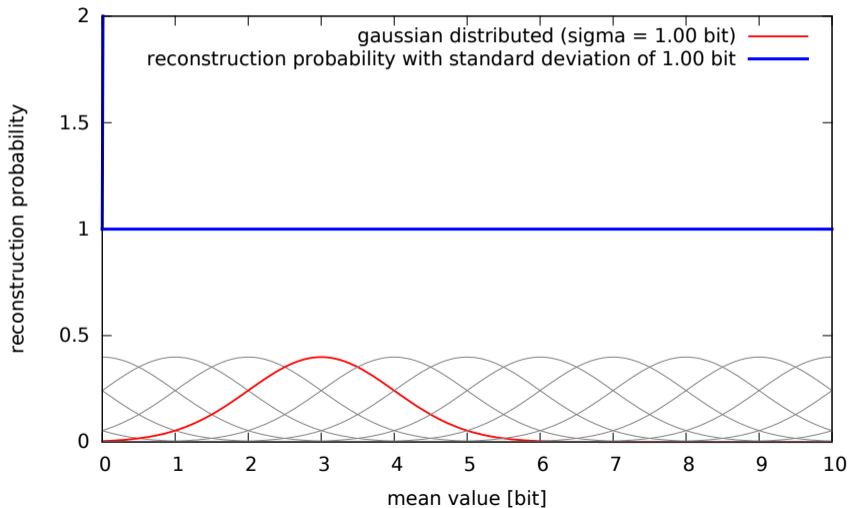
mean value reconstruction probability



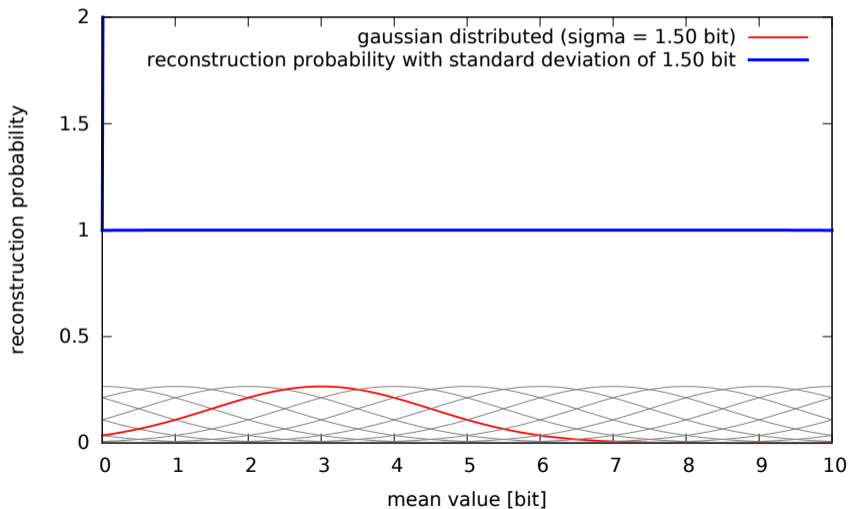
mean value reconstruction probability



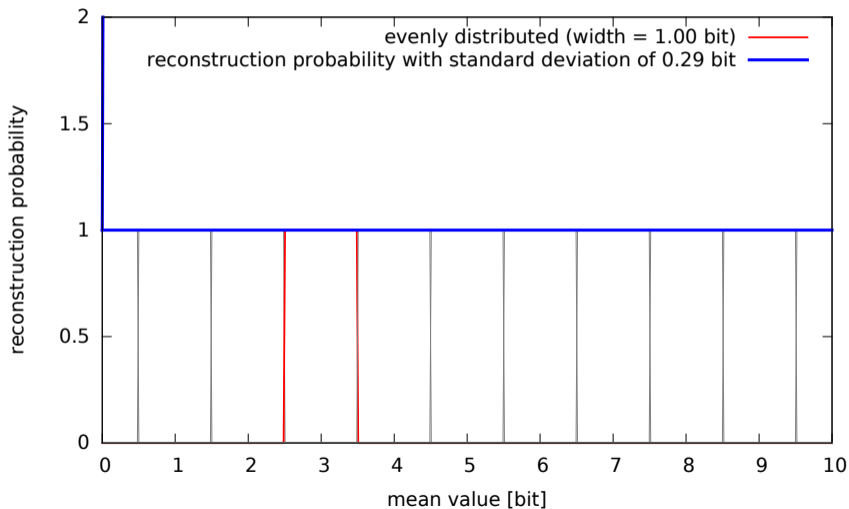
mean value reconstruction probability



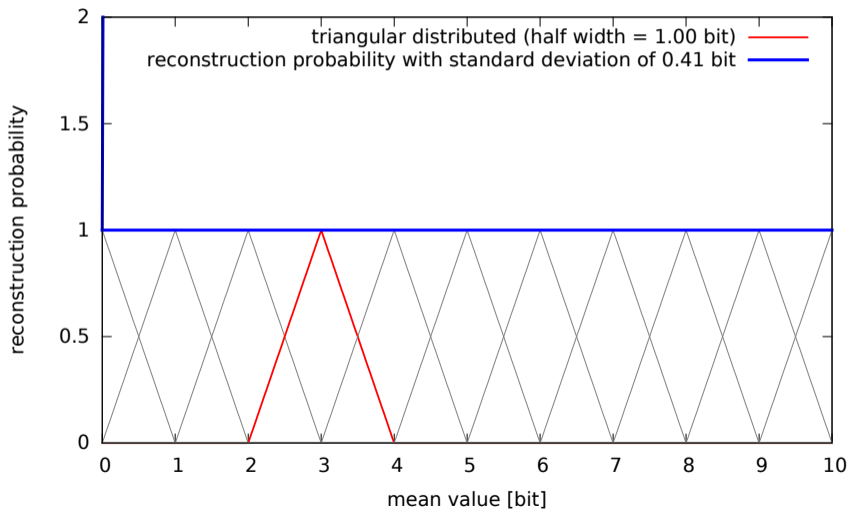
mean value reconstruction probability



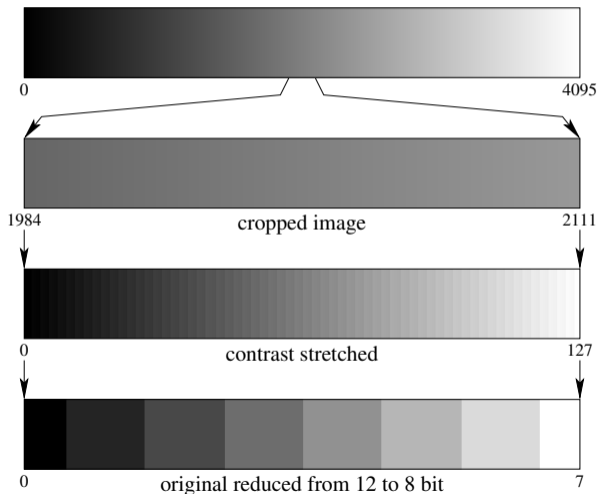
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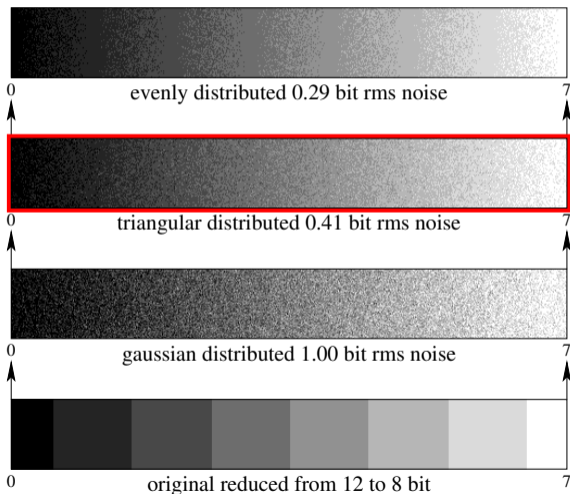
mean value reconstruction probability



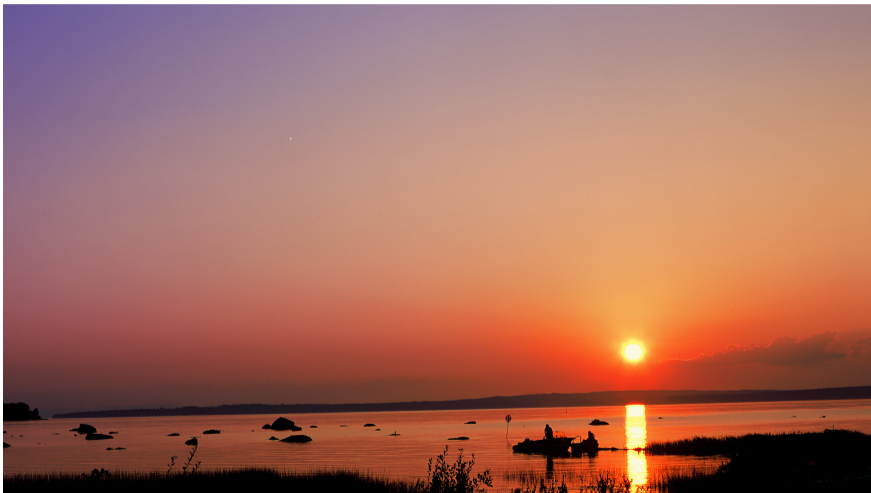
Example on Gray Scale



Example on Gray Scale



Sample Image 8 bit per color



Sample videos are available for download at <http://www.eureca.de/simulation>

Sample Image 3 bit per color



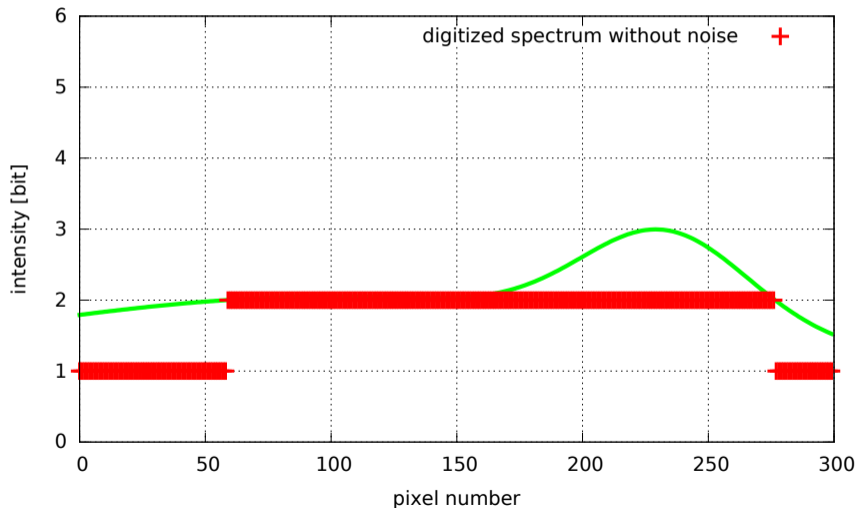
Sample videos are available for download at <http://www.eureca.de/simulation>

Sample Image 3 bit per color with added noise



Sample videos are available for download at <http://www.eureca.de/simulation>

Spectrum without read noise



Spectrum dithered with read noise

