Investigation of noise sources in upconversion based infrared hyperspectral imaging

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Noise sources in infrared hyperspectral imaging based on nonlinear frequency upconversion are investigated. The effects on the spectral and spatial content of the images are evaluated and methods of combating them are suggested.

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Contributors: Kehlet, L. M., Tidemand-Lichtenberg, P., Beato, P., Pedersen, C.
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