

Is it always worth spending more time on a scan?



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Manning

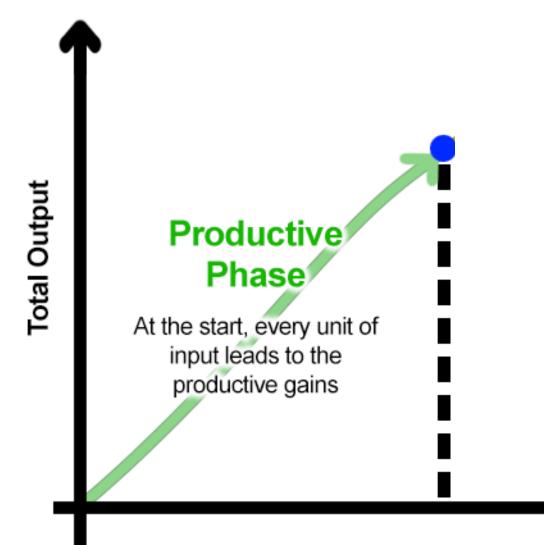


- What is the law of diminishing returns?
- Does the law appear in X-ray CT?
- Summary



What is the law of diminishing returns?





Total Input





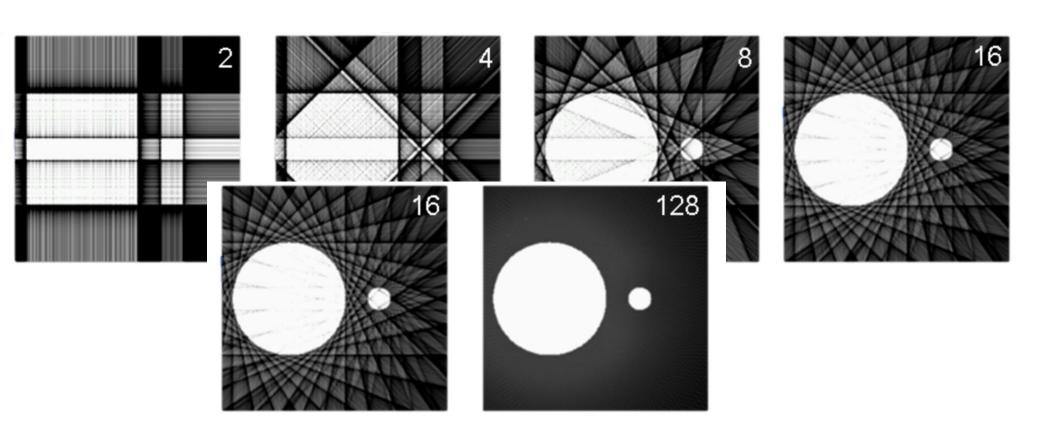
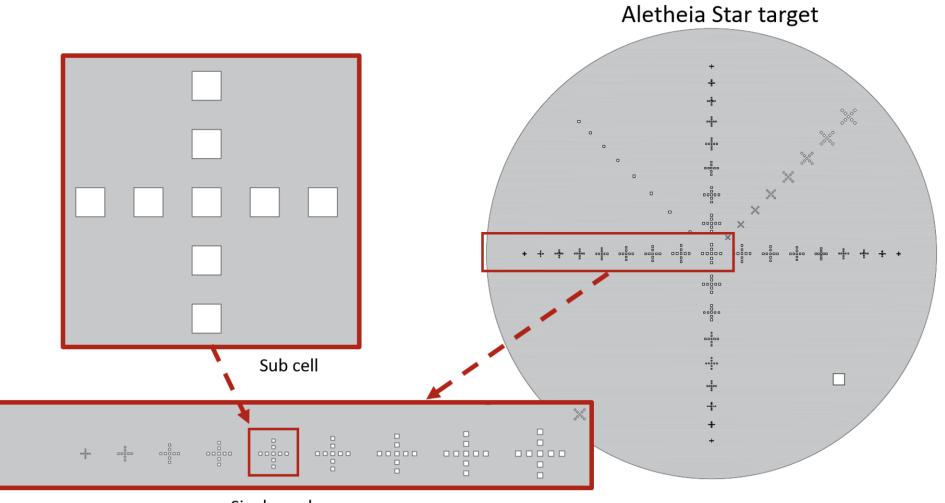


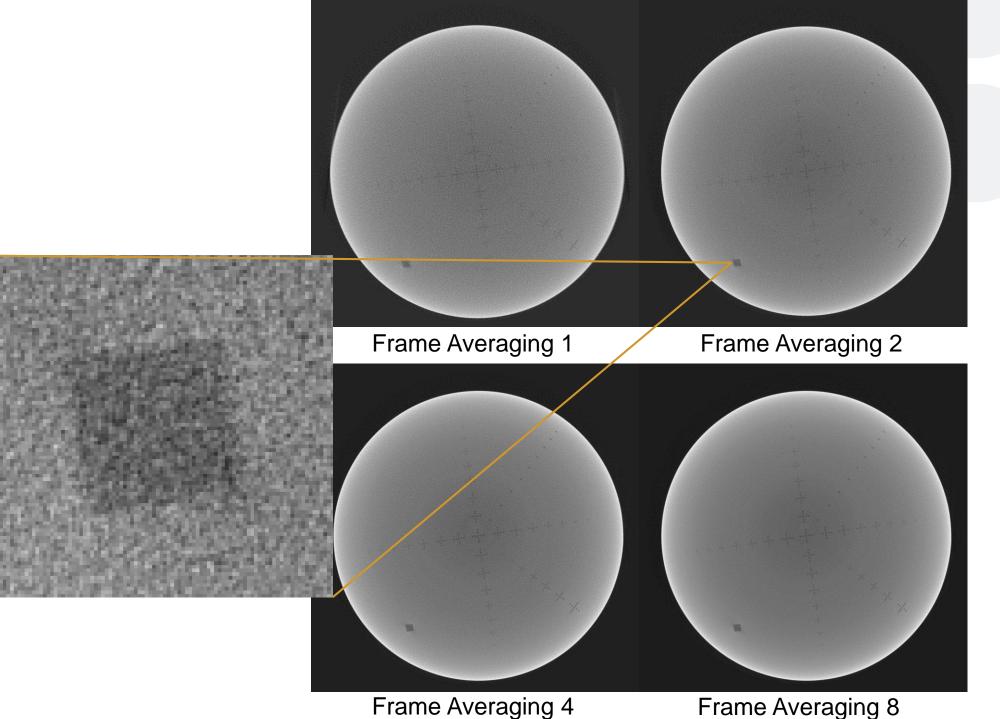
Image Quality Indicator (IQI)





Single spoke

Initial Observations



Frame Averaging 8

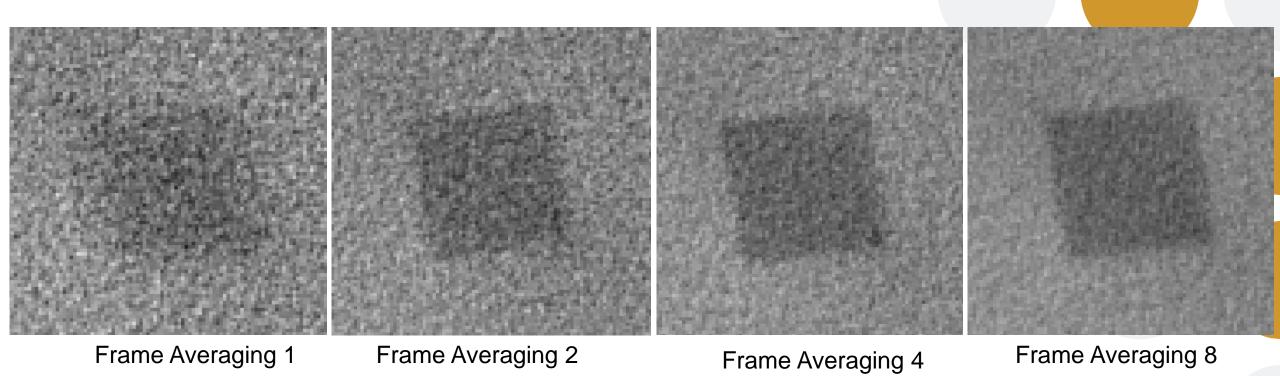
MANCHESTER 1824

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Signal to noise ratio comparisons





Metrology-Grade Investigation

How much time can you afford?

Thank you



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