

## Accepted Manuscript

Multiple beam ptychography for large field-of-view, high throughput, quantitative phase contrast imaging

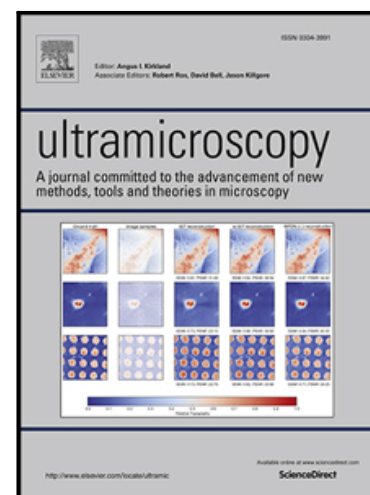
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## Highlights

- Multiplexing of ptychographic data from coherent beams is presented.
- Large field of view imaging from multiple beams with no loss of resolution is demonstrated.
- Technique flexibility allows for several experimental configurations.
- Proof-of-principle technique is demonstrated using visible wavelengths.

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