

components exhibited reasonable separation in frequency between the atoms for which the inner product was maximized, these new windows substantially improved the estimation of all but the first argument-polynomial coefficient.

Further work should evaluate these windows on sinusoids of different orders, i.e.,  $Q \gg 1$ . Optimal main-lobe widths for windows should be determined depending on the separation of local maxima in the power spectrum. It should also be determined if these windows improve the modeling of real-world acoustic signals.

## 9. ACKNOWLEDGMENTS

This work was partially supported by grant from the Natural Sciences and Engineering Research Council of Canada awarded to Philippe Depalle (RGPIN-262808-2012).

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