



# Apodizing Phase Plate coronagraph designs for segmented mirror telescopes and non-trivial obscurations

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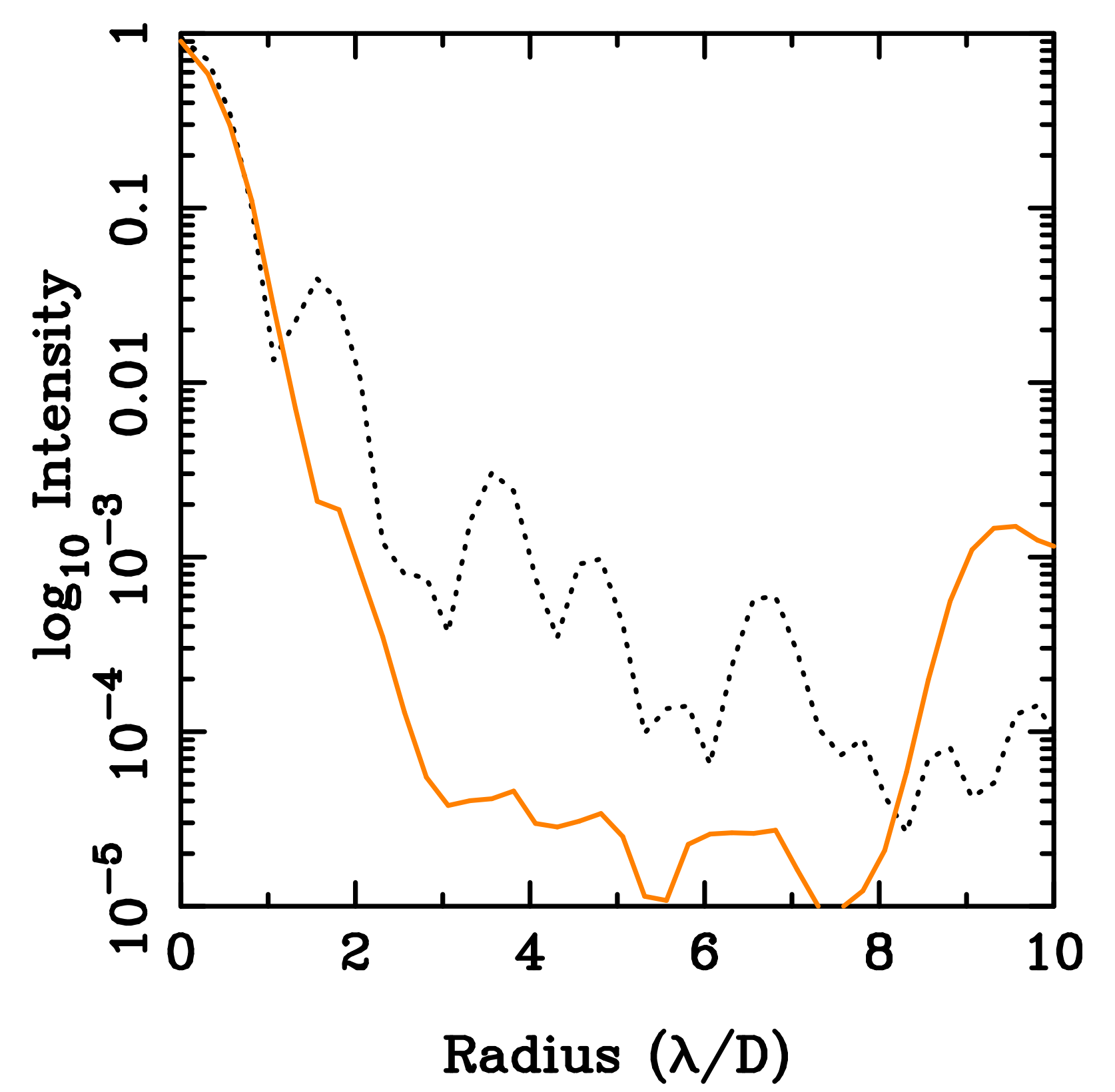
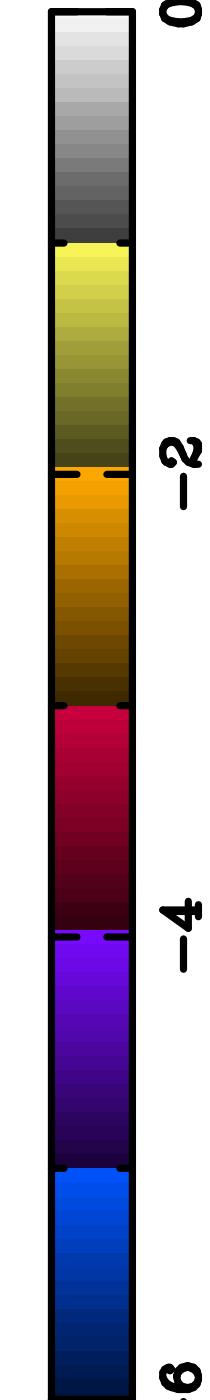
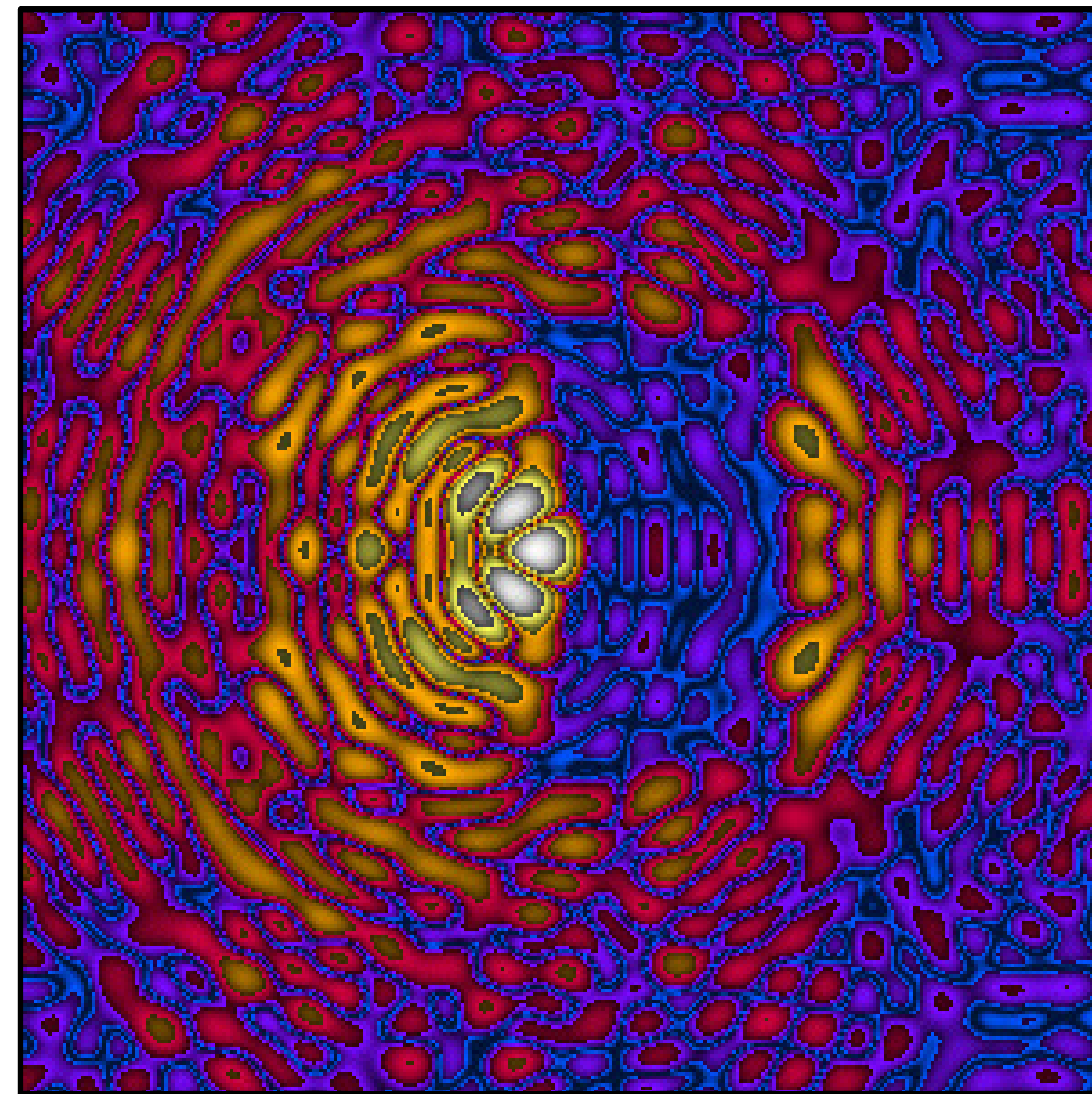
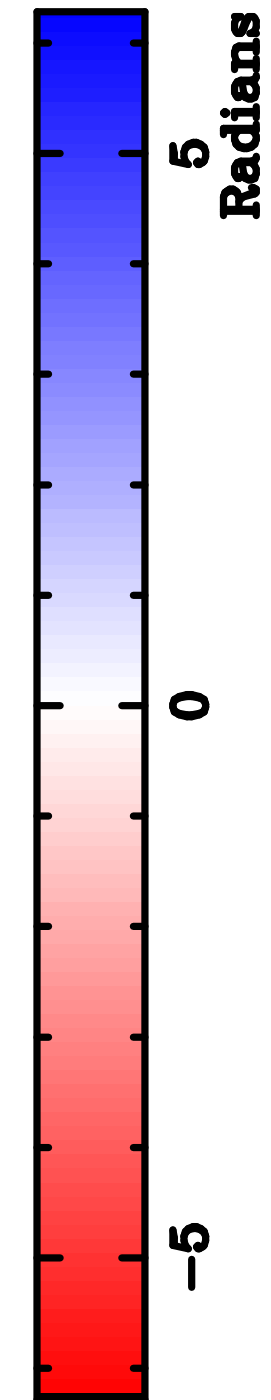
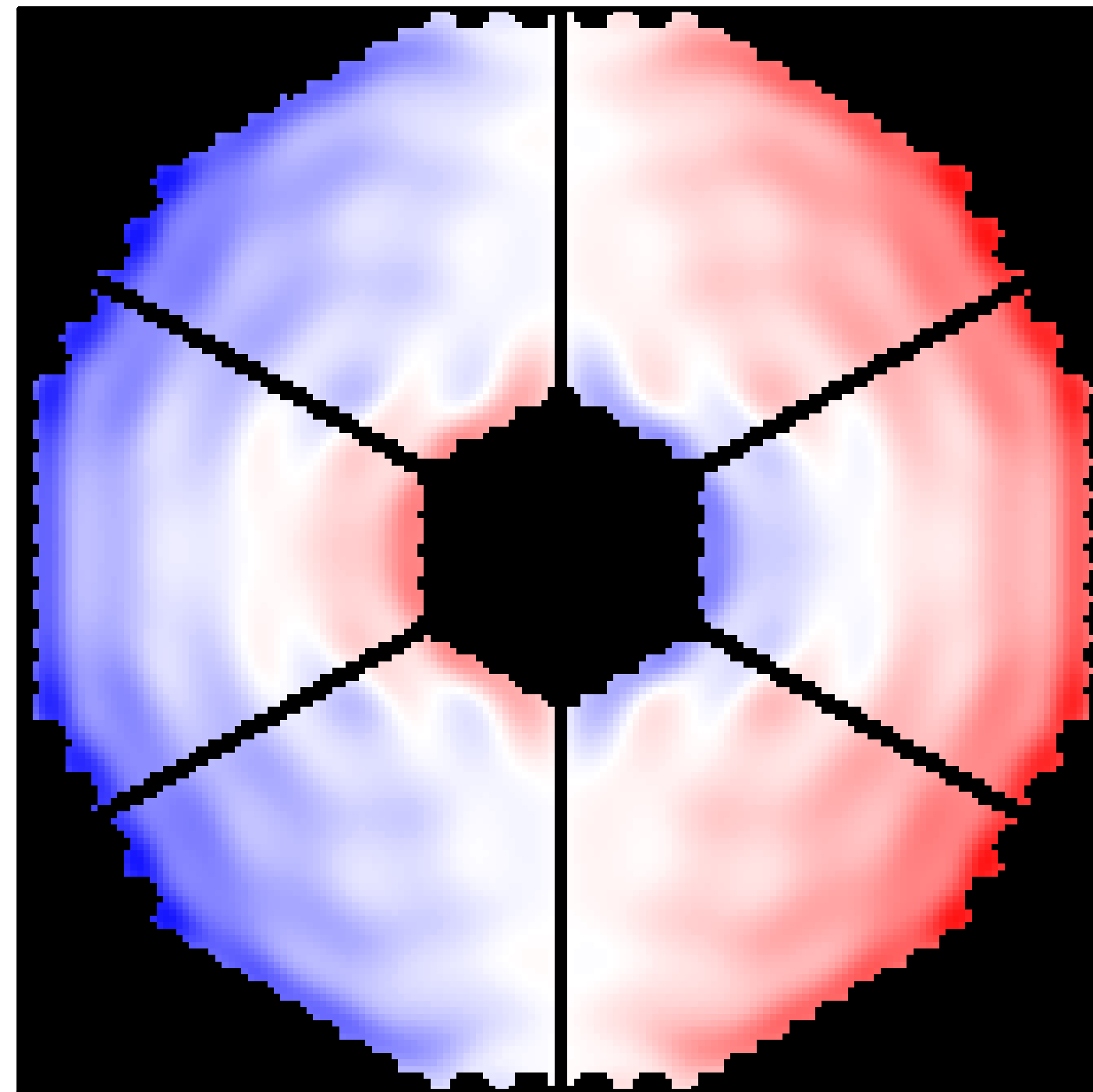
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These APP Coronagraph designs avoid diffraction from complicated pupil geometries, providing robust suppression from 2 to 8 diffraction widths.

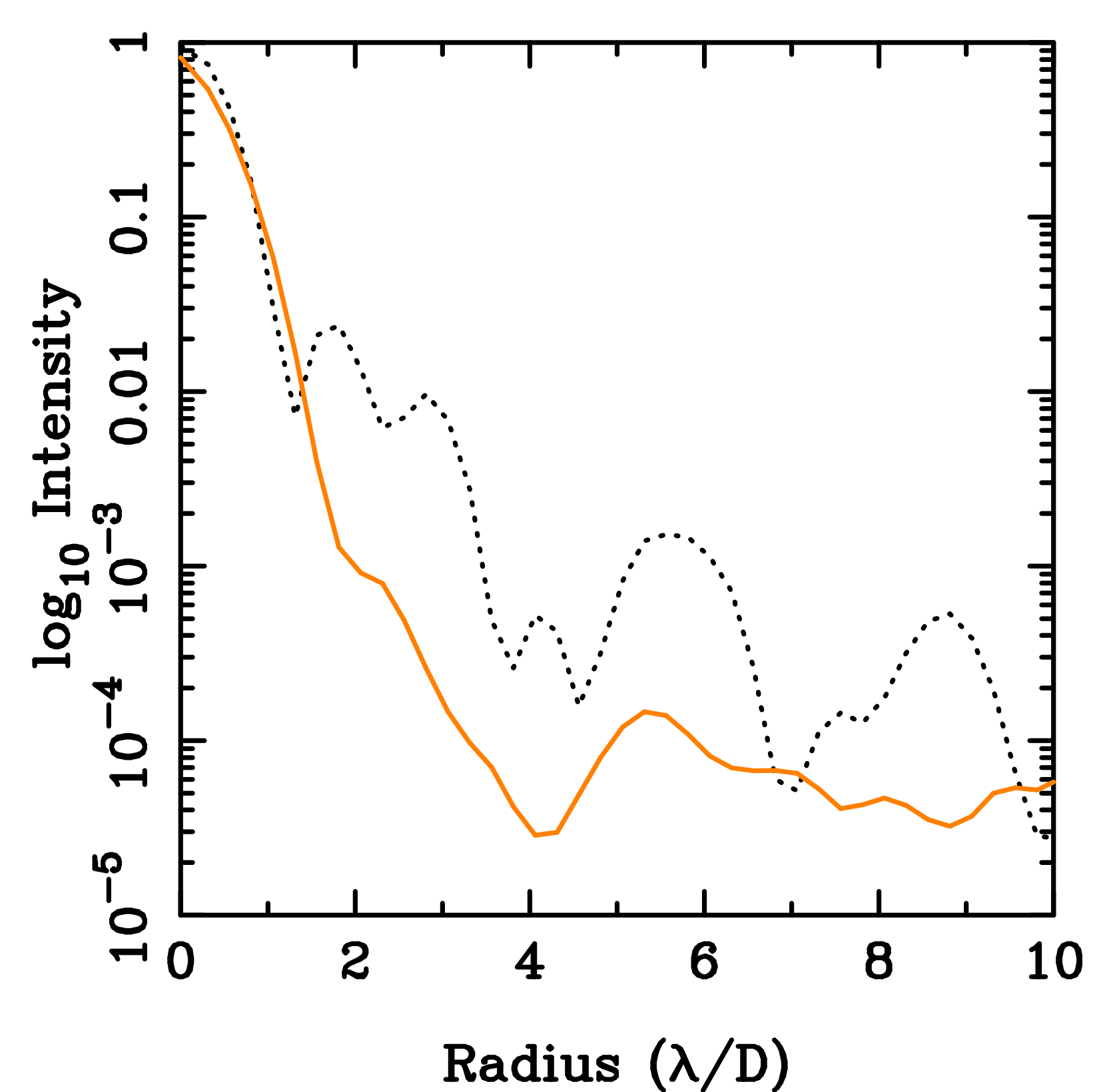
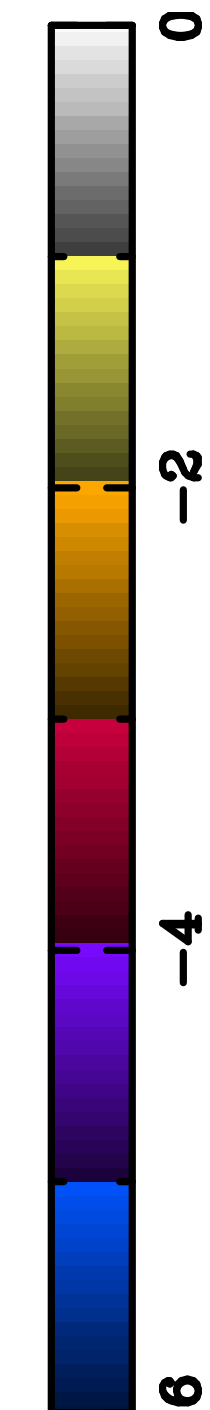
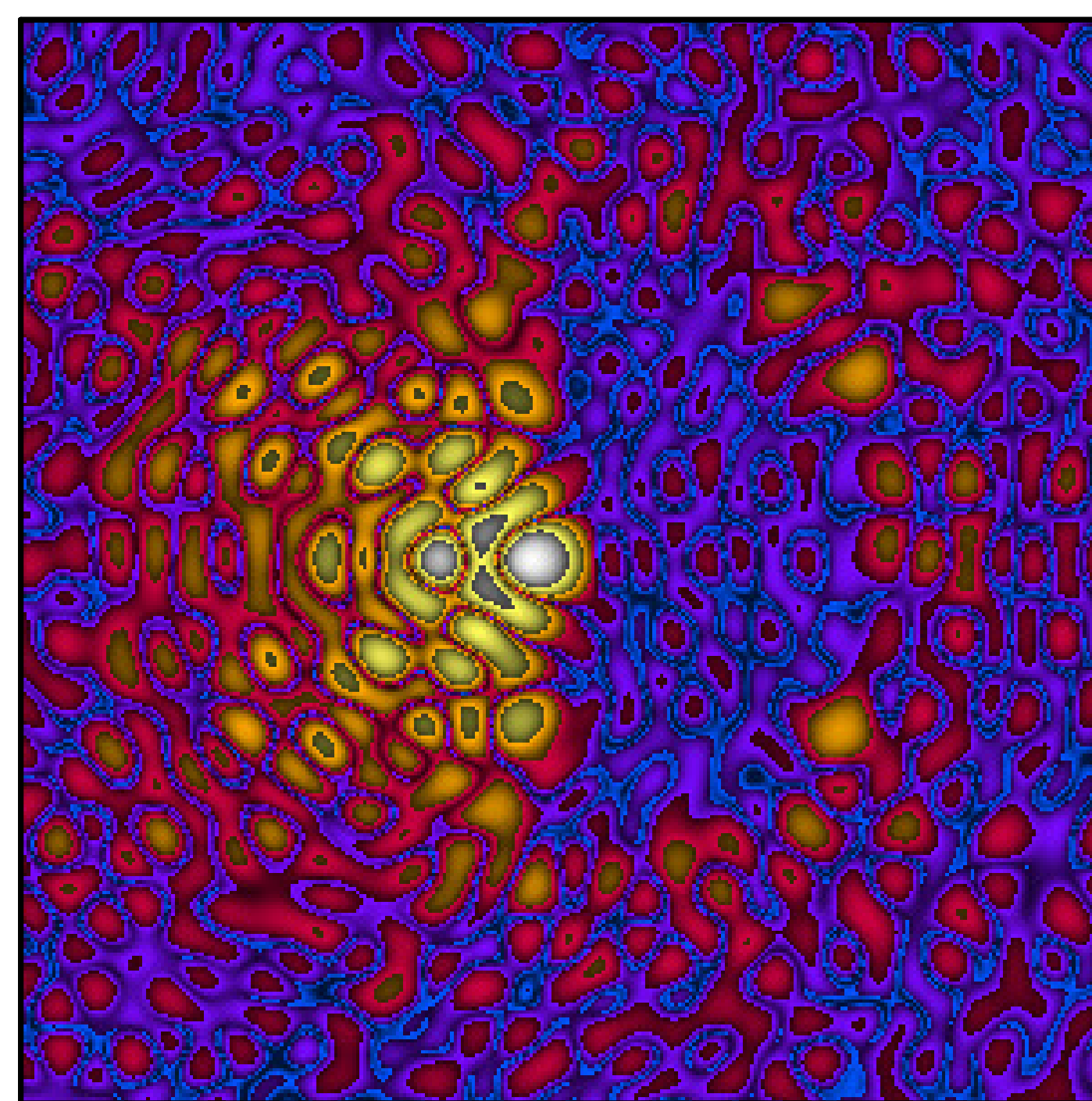
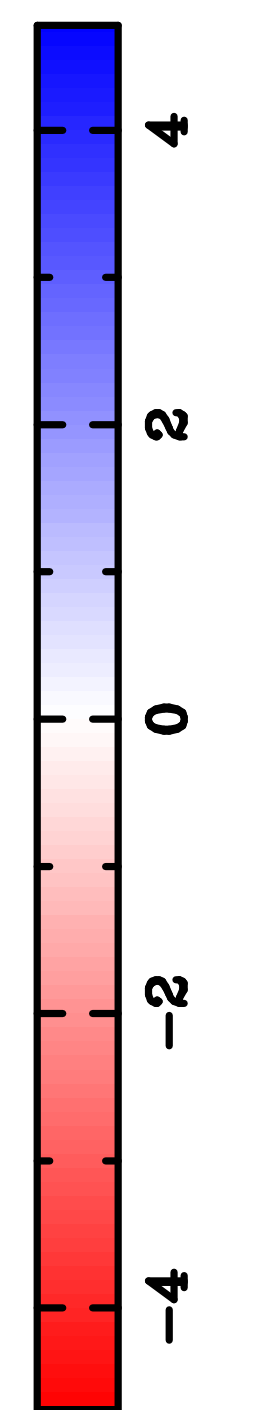
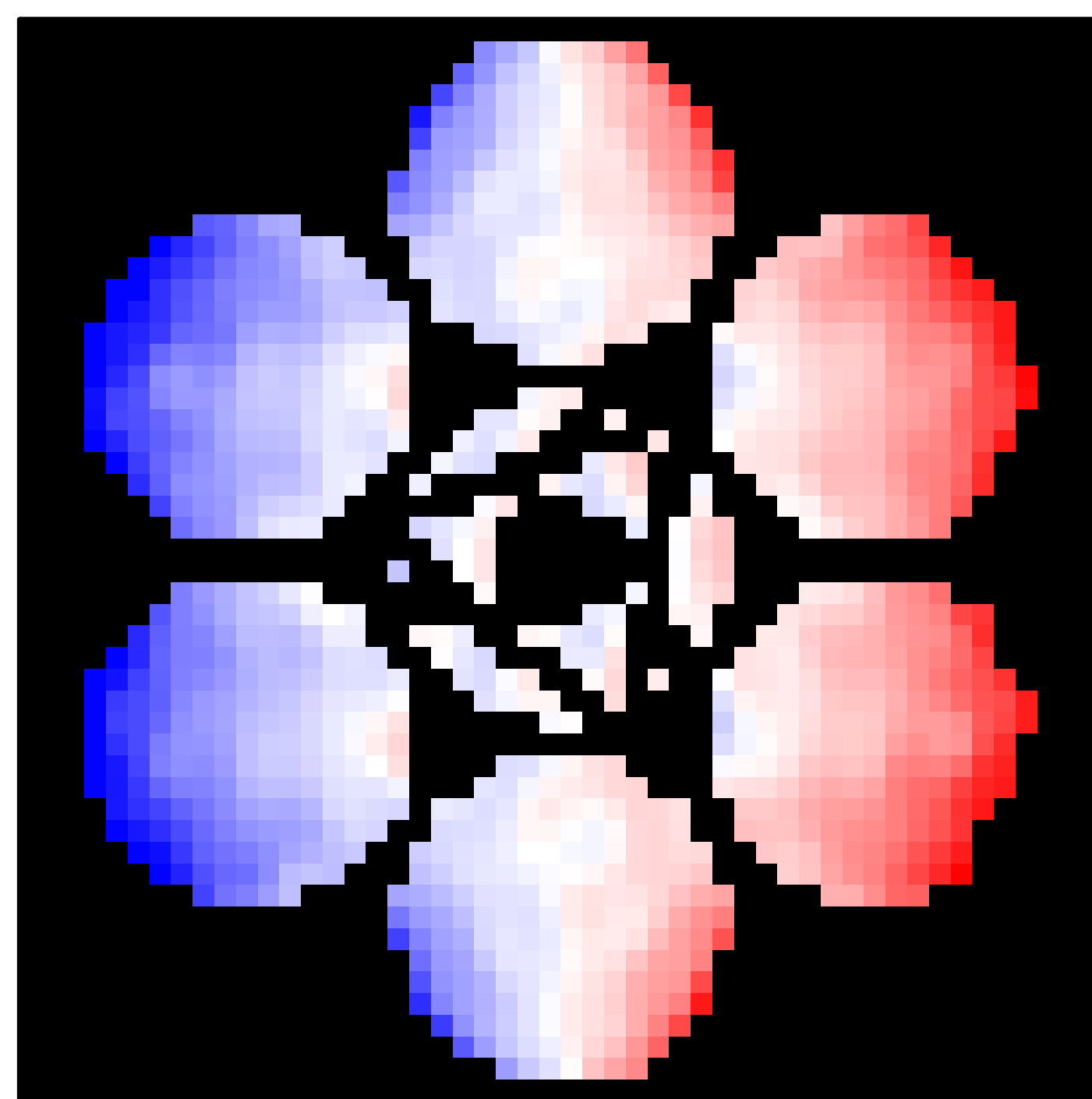
Vector APPs allow for integration of pupil mask and achromatic performance.

219 in Session 9151 at SPIE 2014

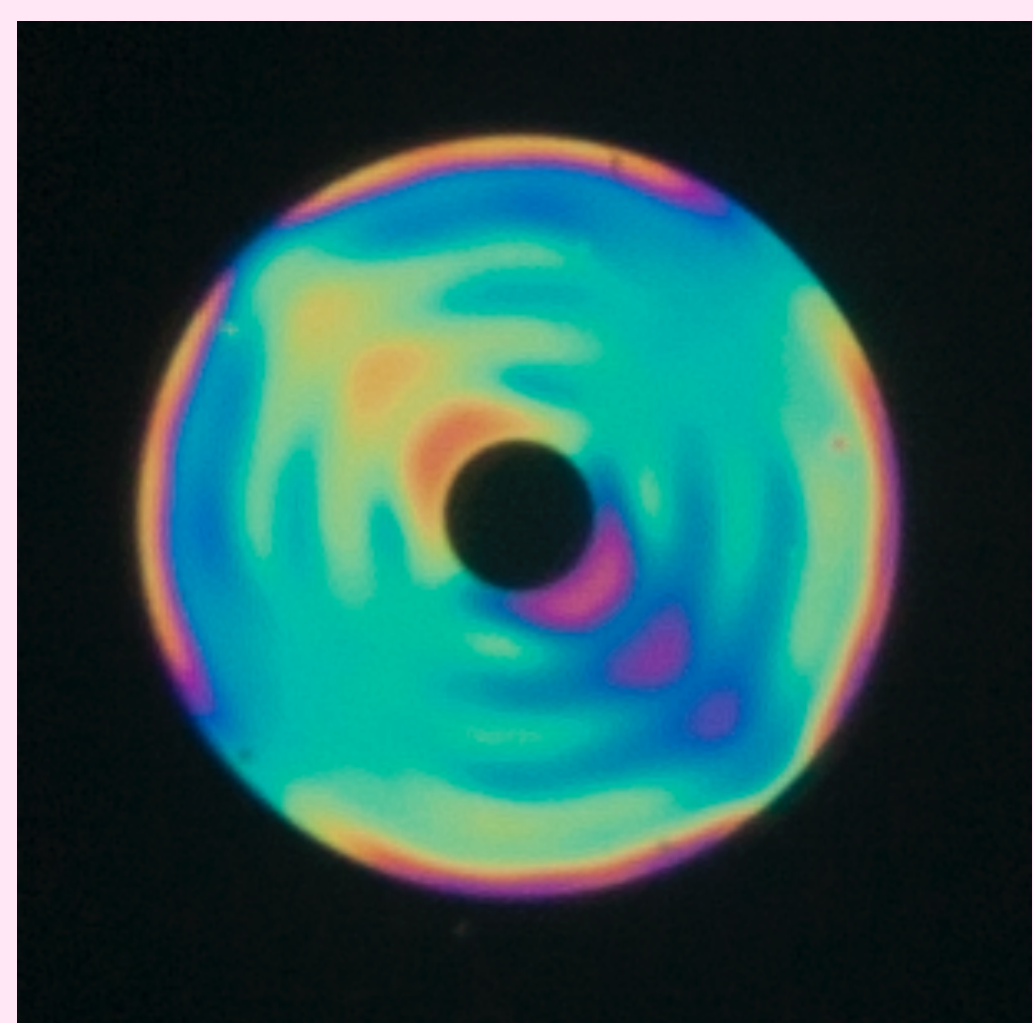
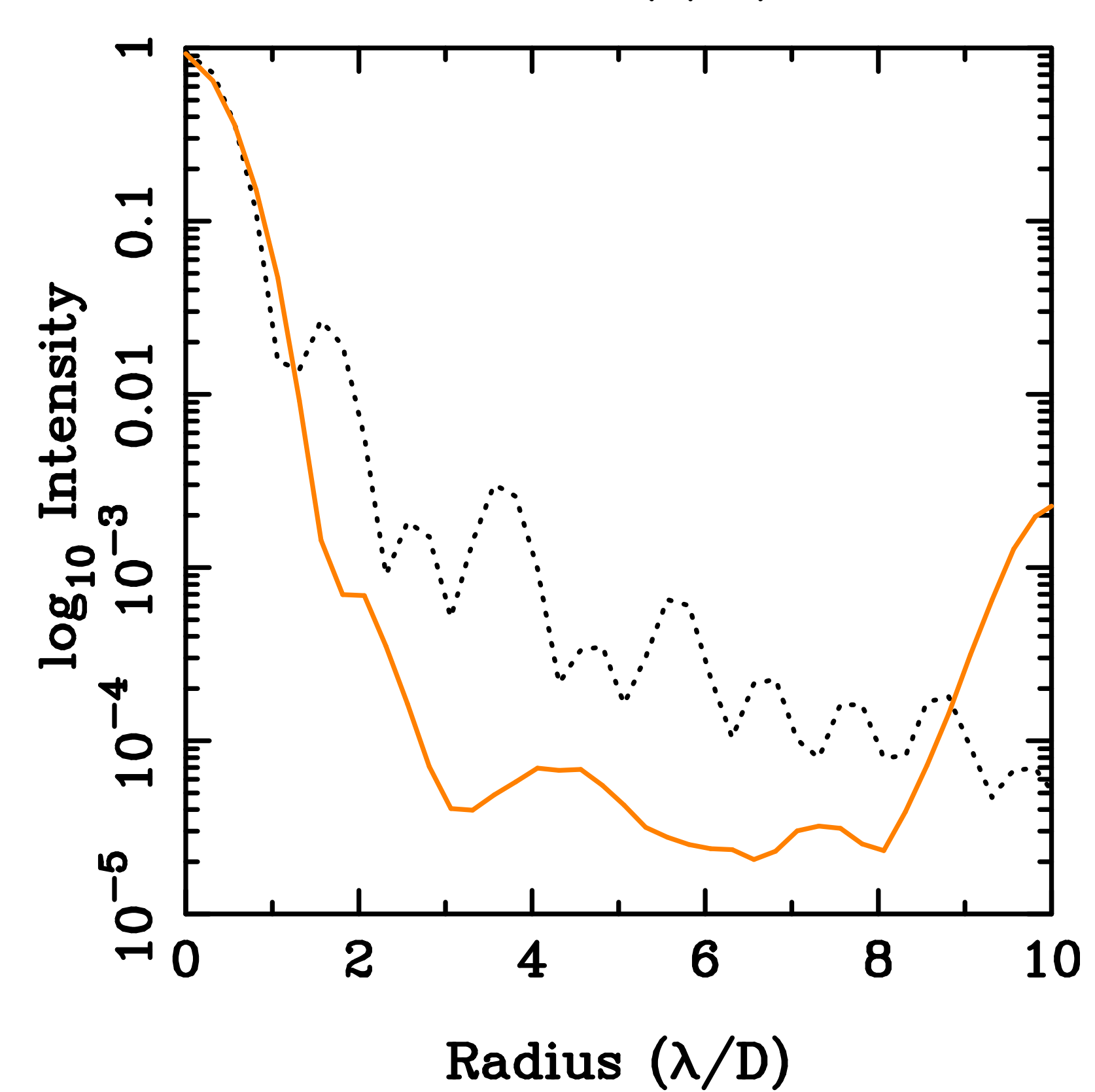
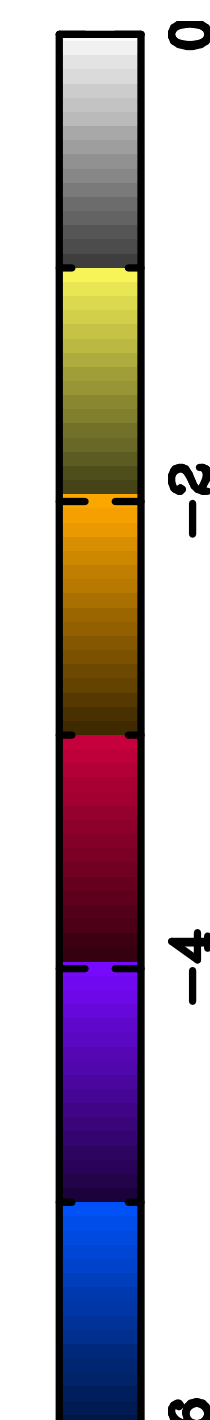
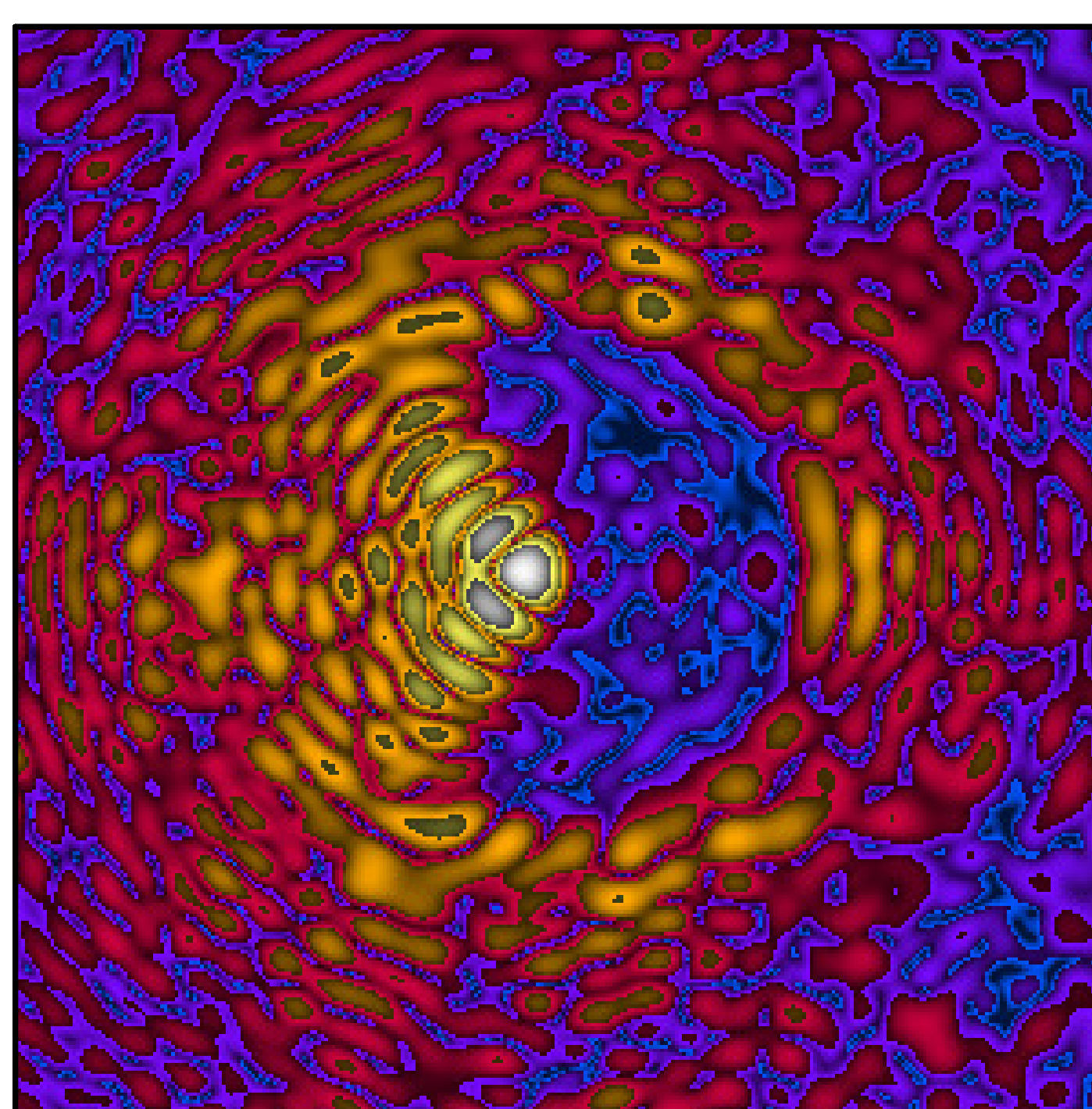
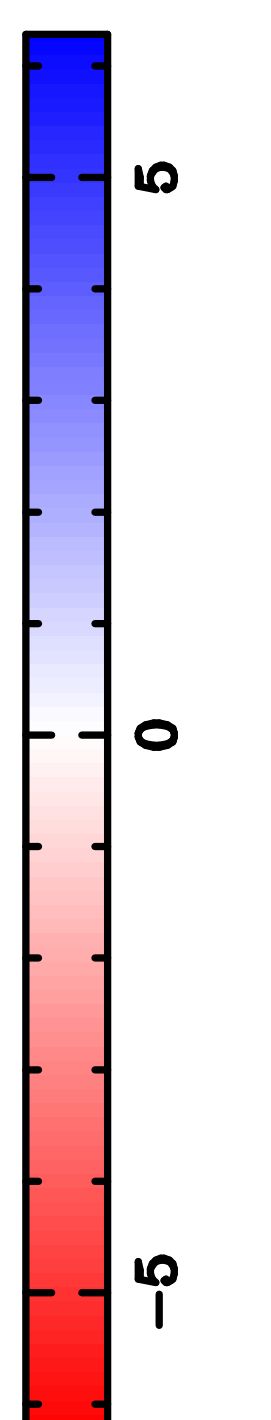
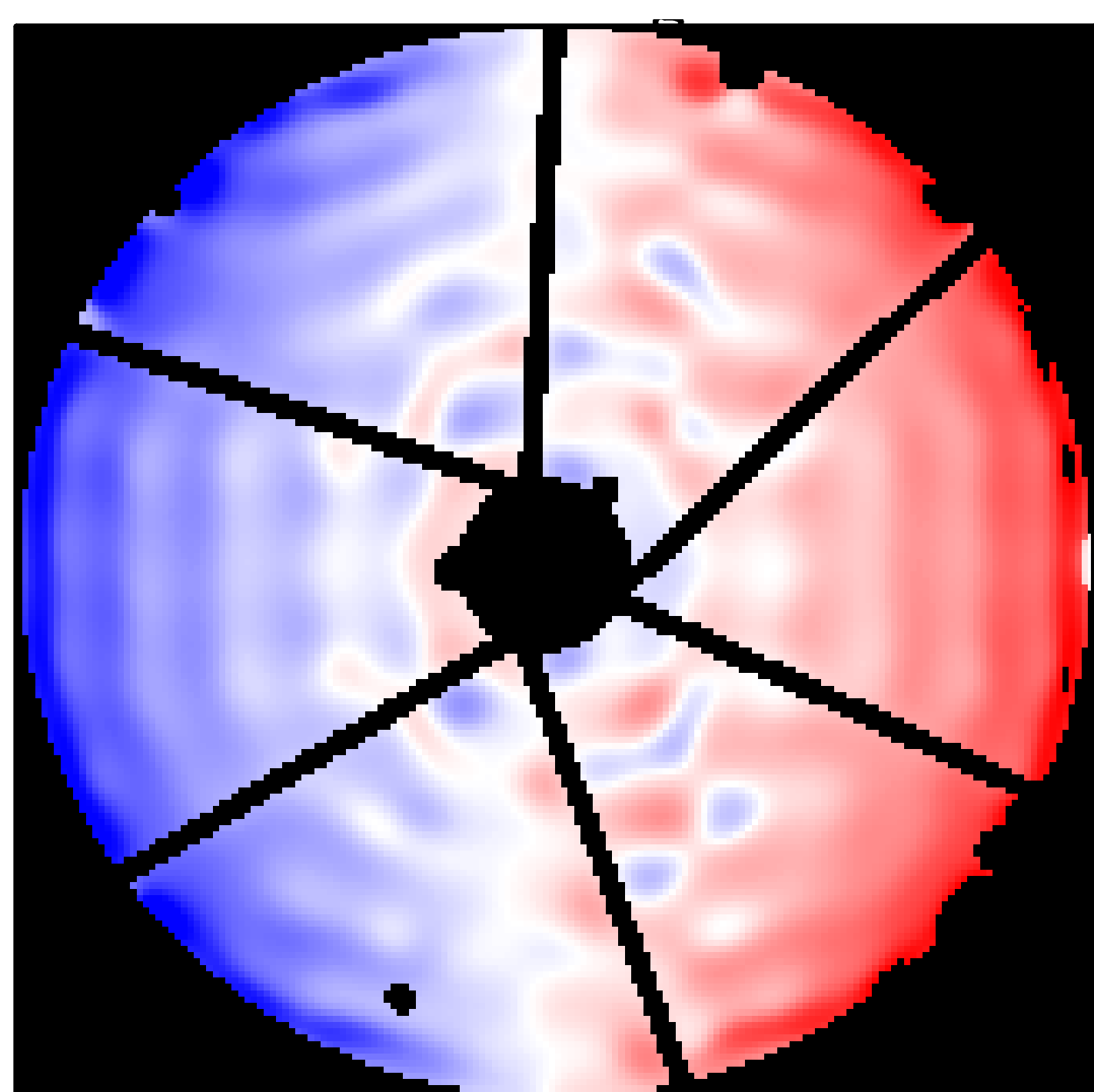
E-ELT



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Any Pupil



Vector APP between crossed polarisers

Measured contrast in Vector APP dark sectors

