Absolute difference between  $A_m$  and  $A_{i,s}$ Number of sampling: 400 Iteration: 150 Monte Carlo 0.40 1.0 Circular Monte Carlo 0.35 0.30 0.25 mandelbrot s 0.20 0.15 0.10 0.05 0.00 0.0 20 40 60 80 120 140 2000 3000 4000 5000 6000 7000 100 iteration Number of sampling points