

Integration

By computing the area under a curve



MACALESTER COLLEGE

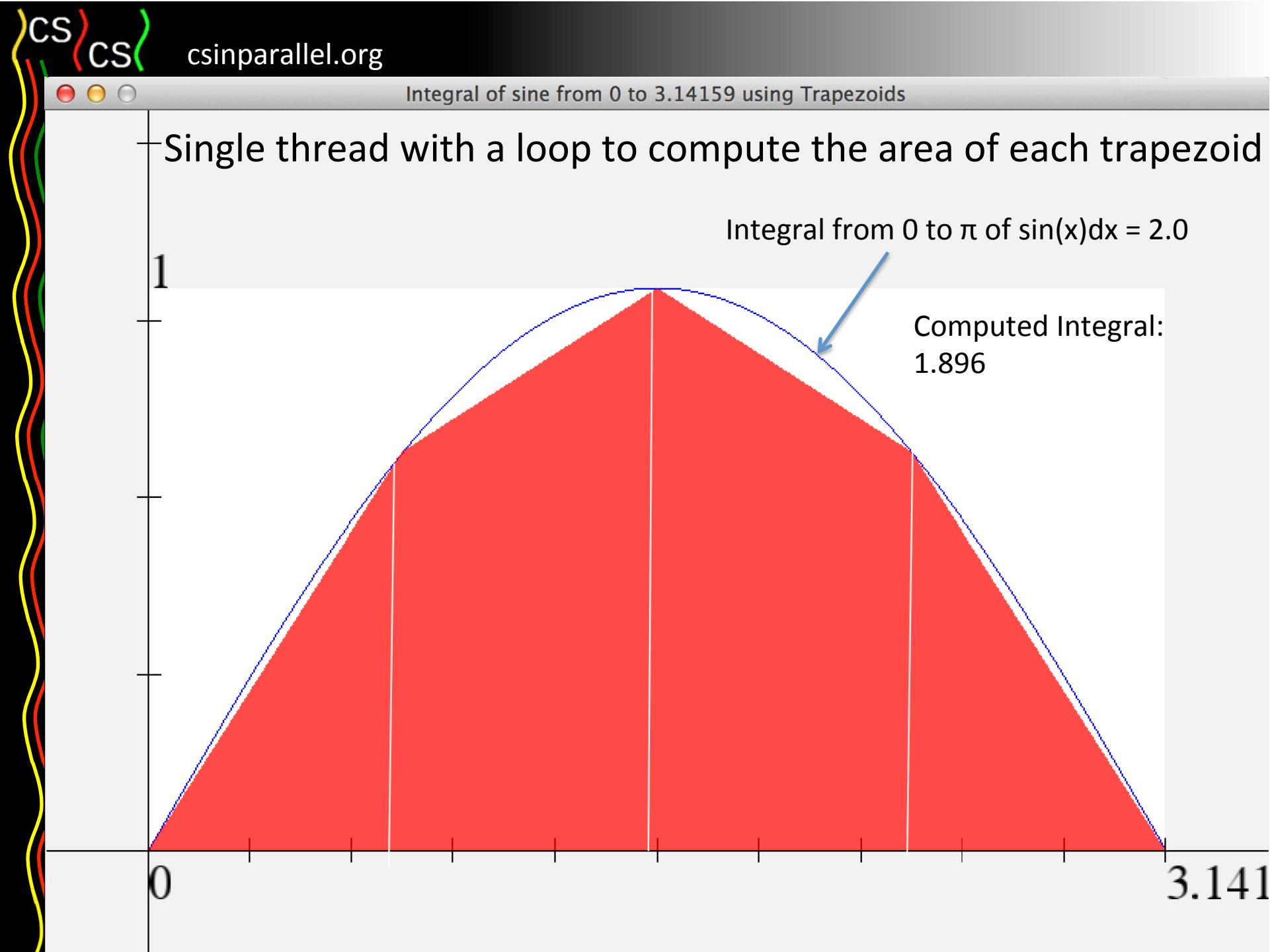


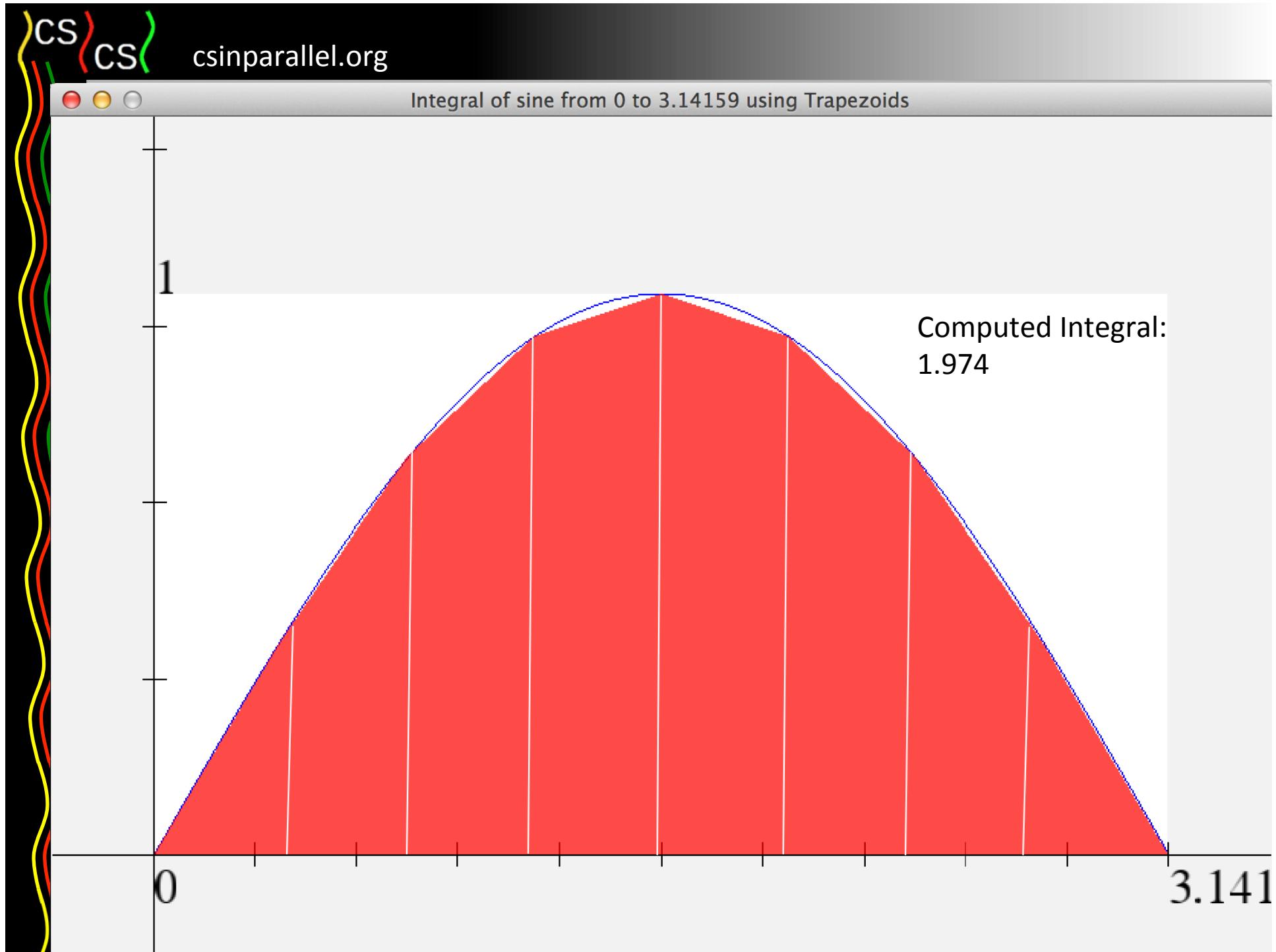
CALVIN
MINDS IN THE MAKING

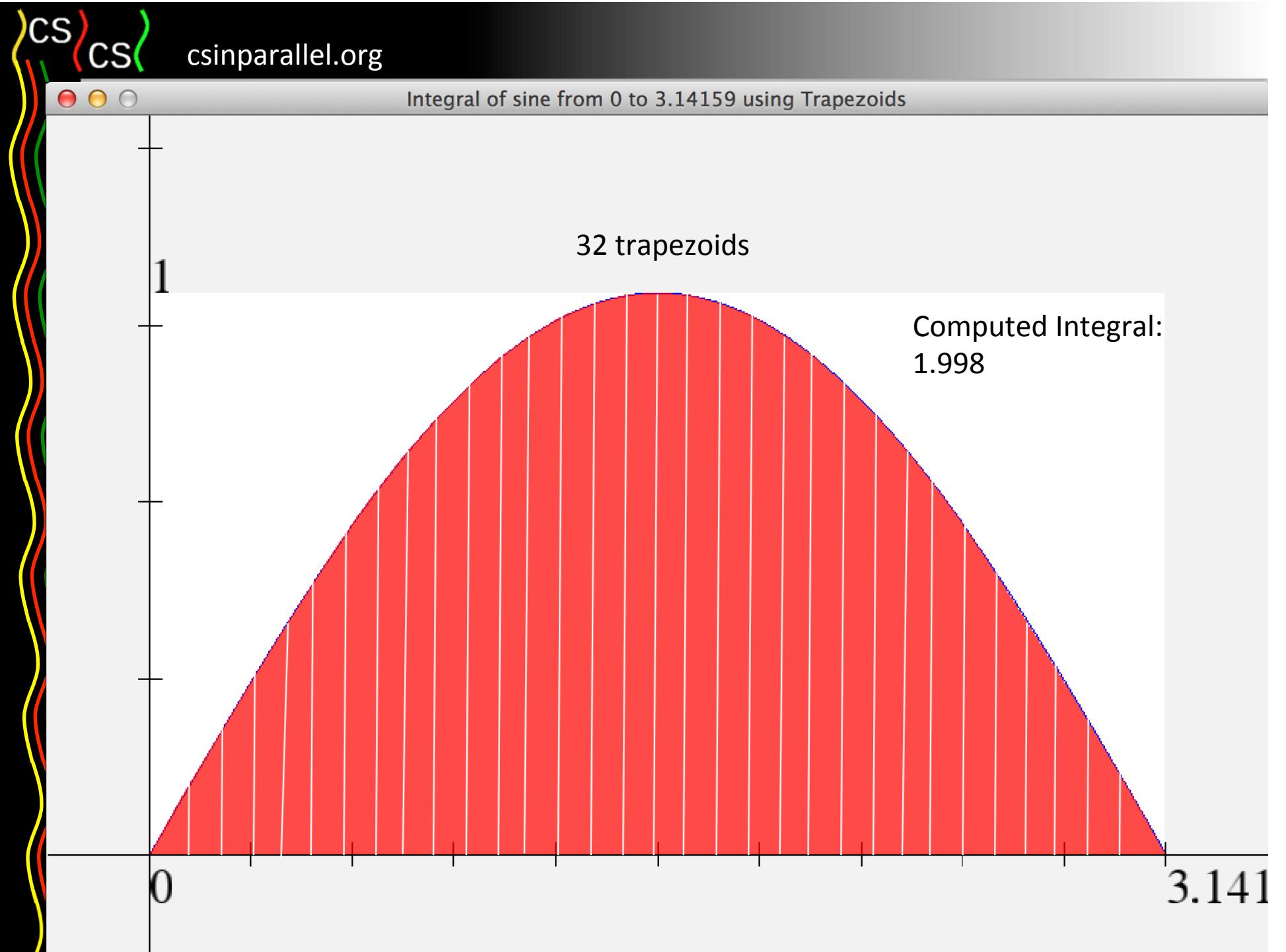


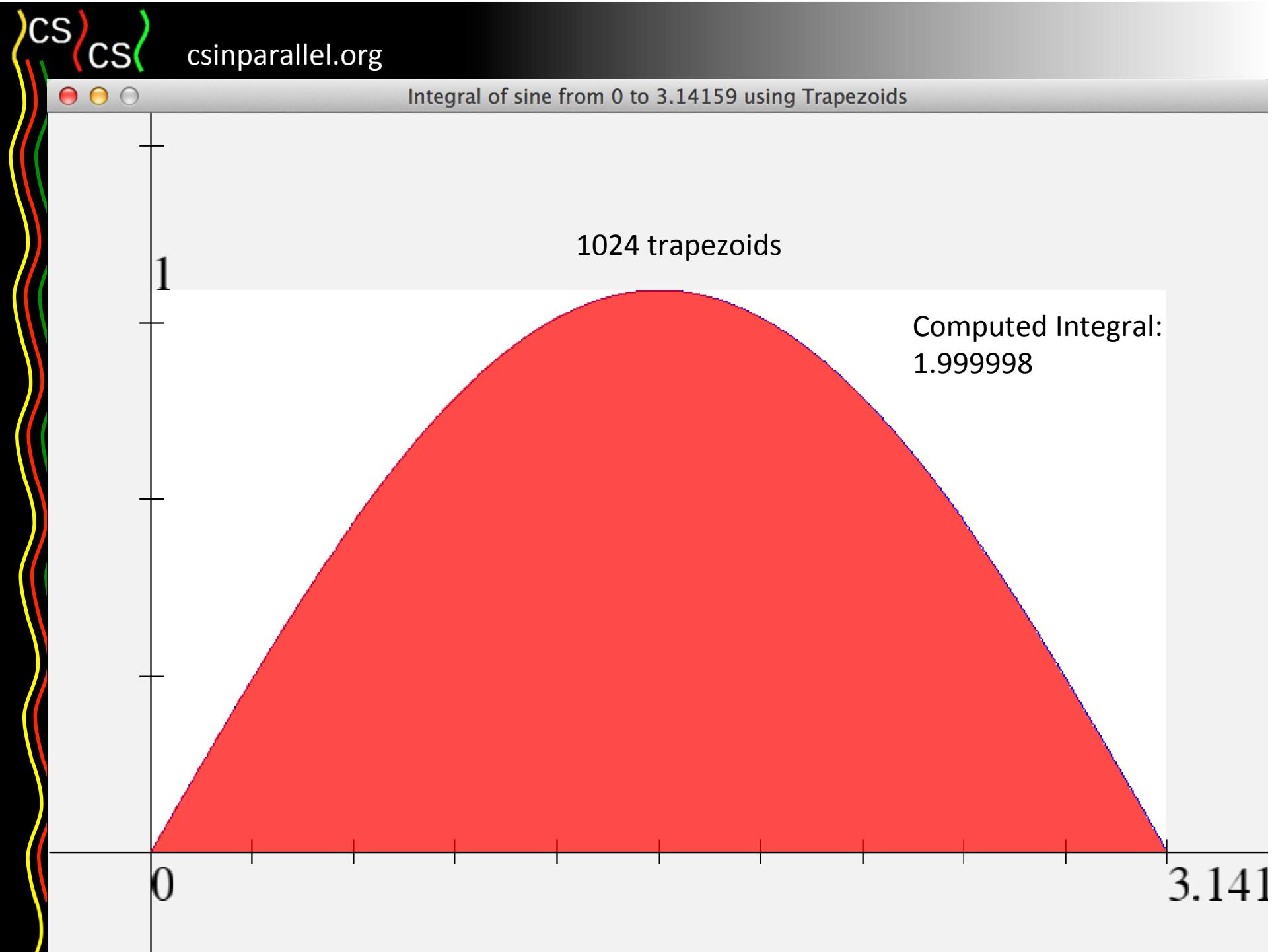
UNITED STATES MILITARY ACADEMY
WEST POINT.

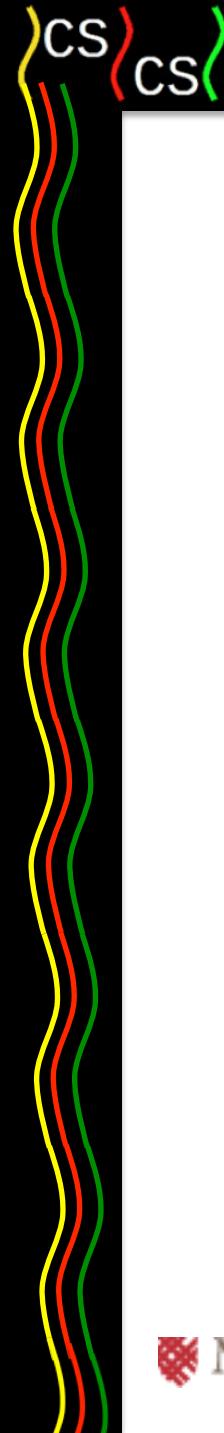




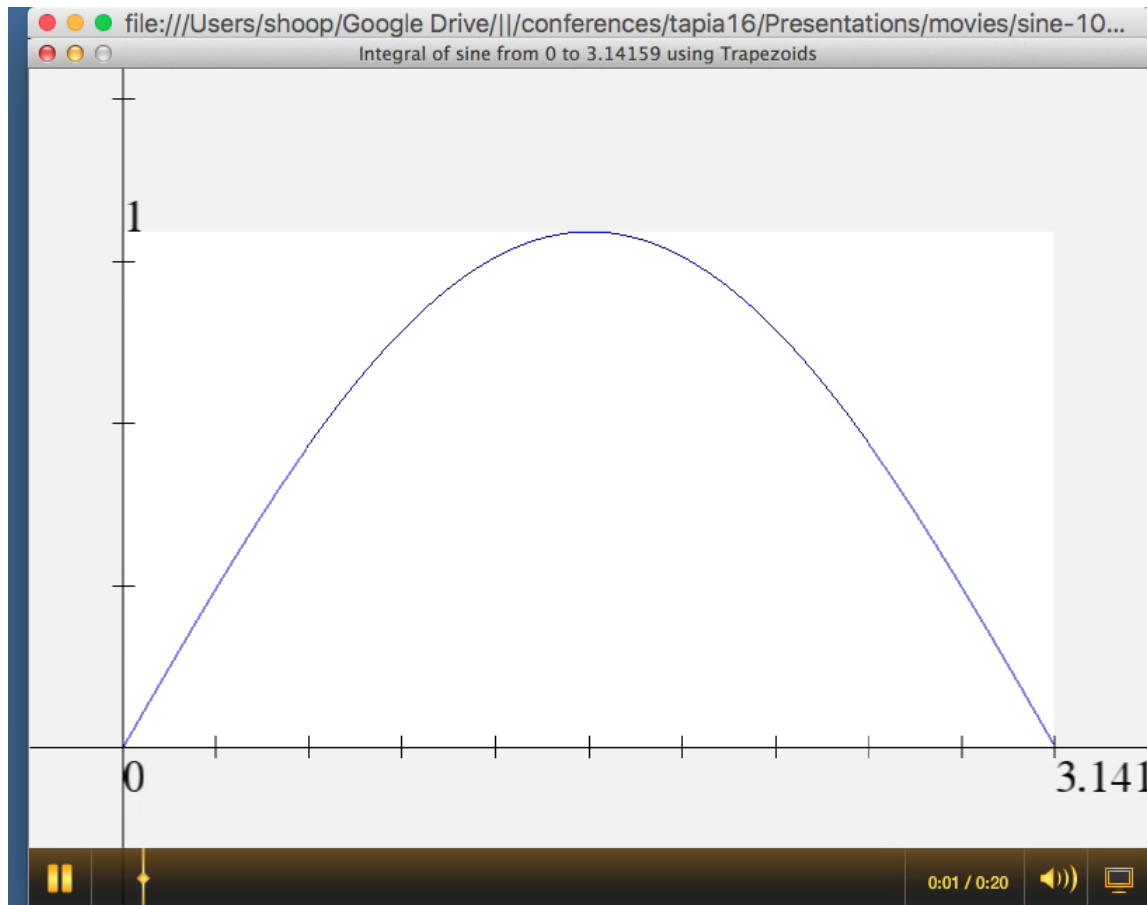


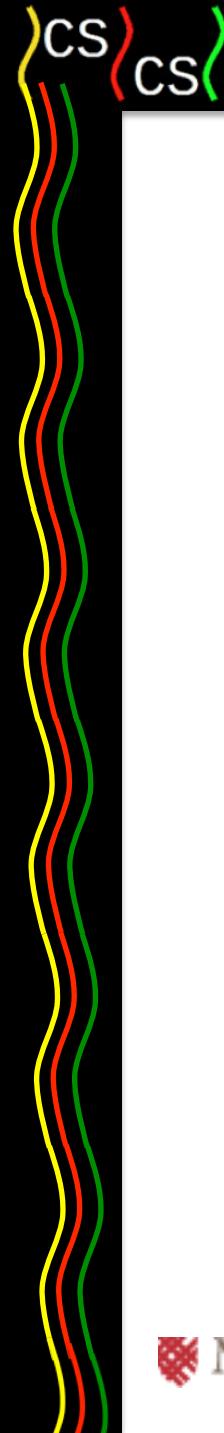




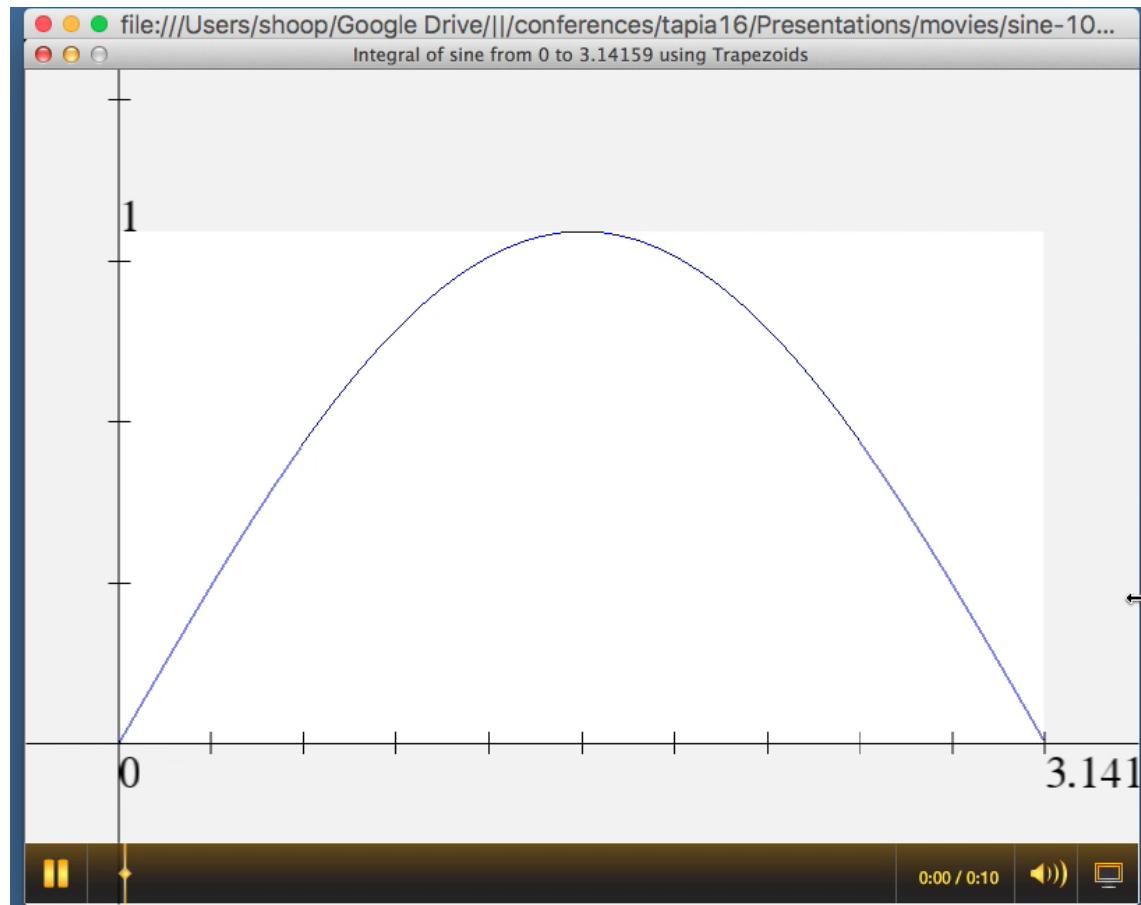


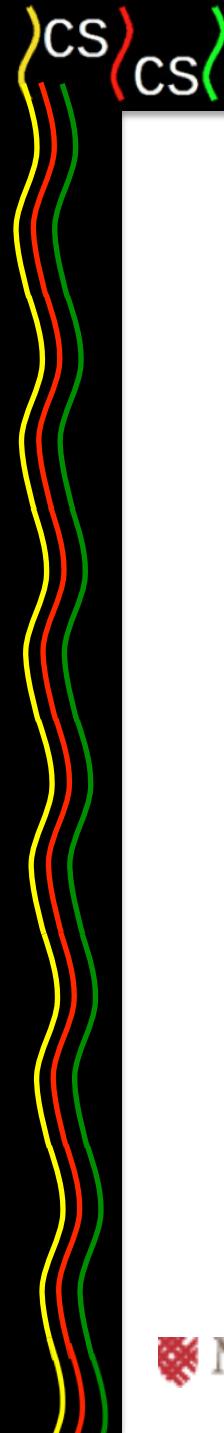
1 thread looping to add 1024 trapezoids



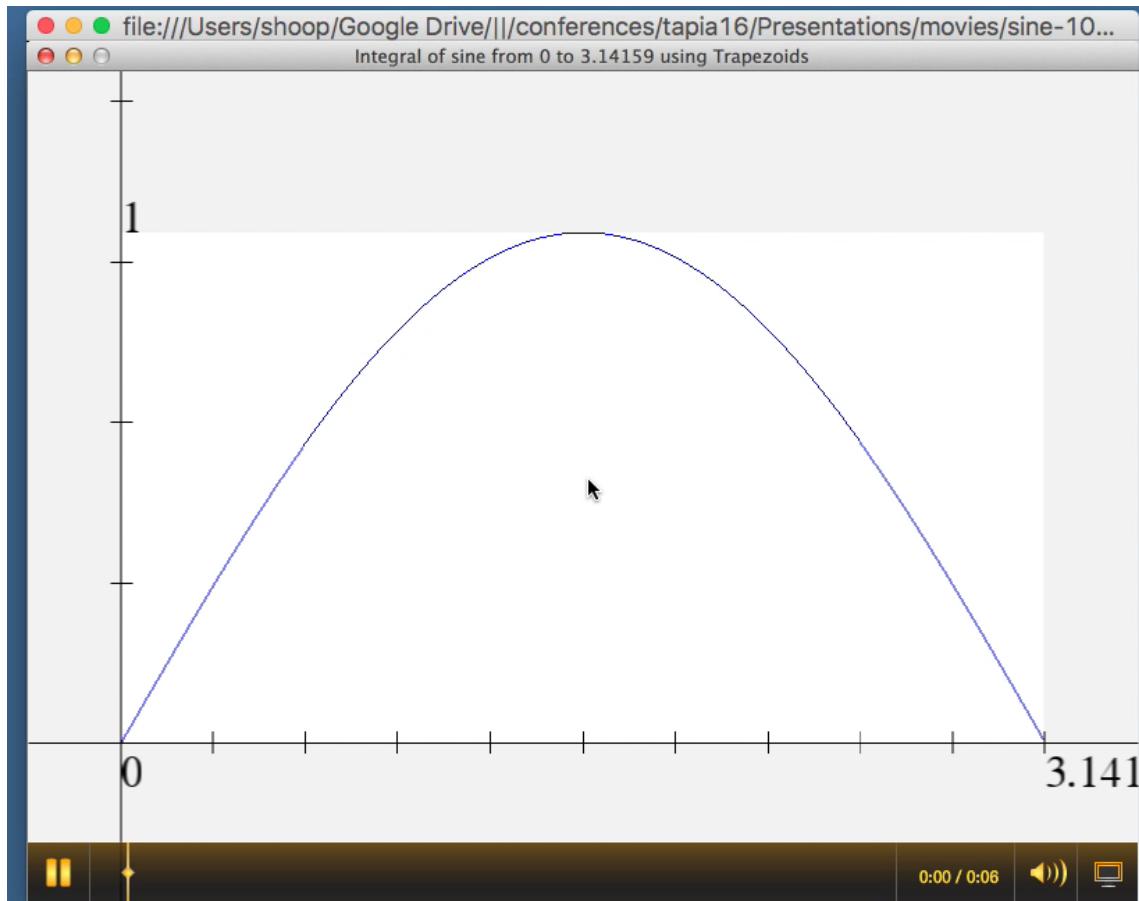


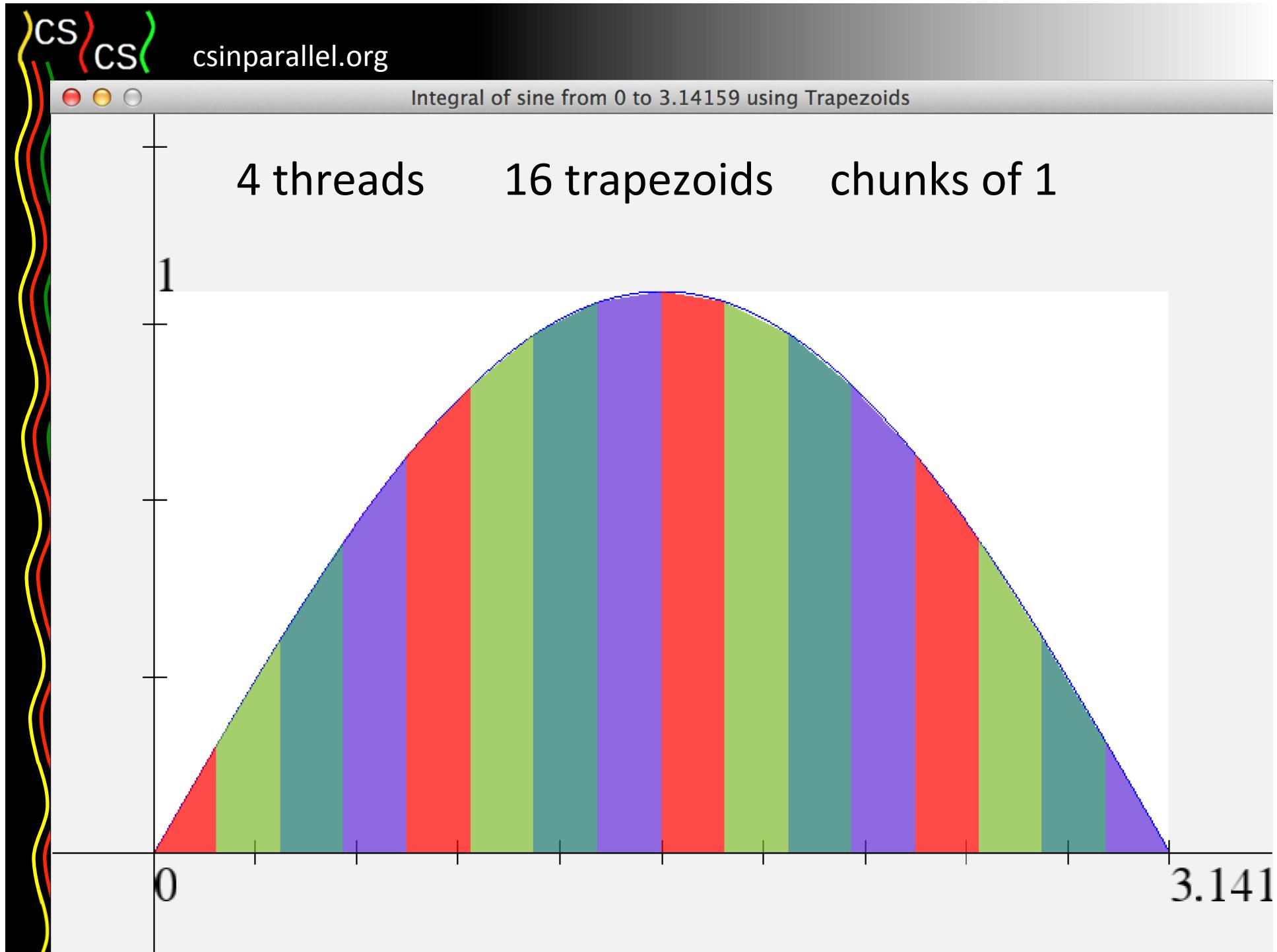
2 threads equal chunks

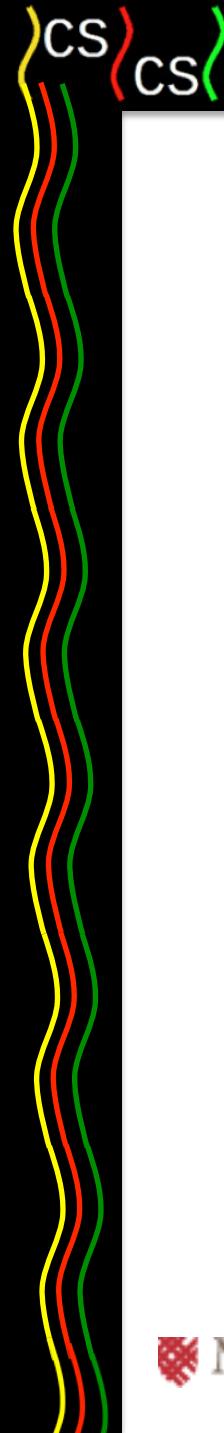




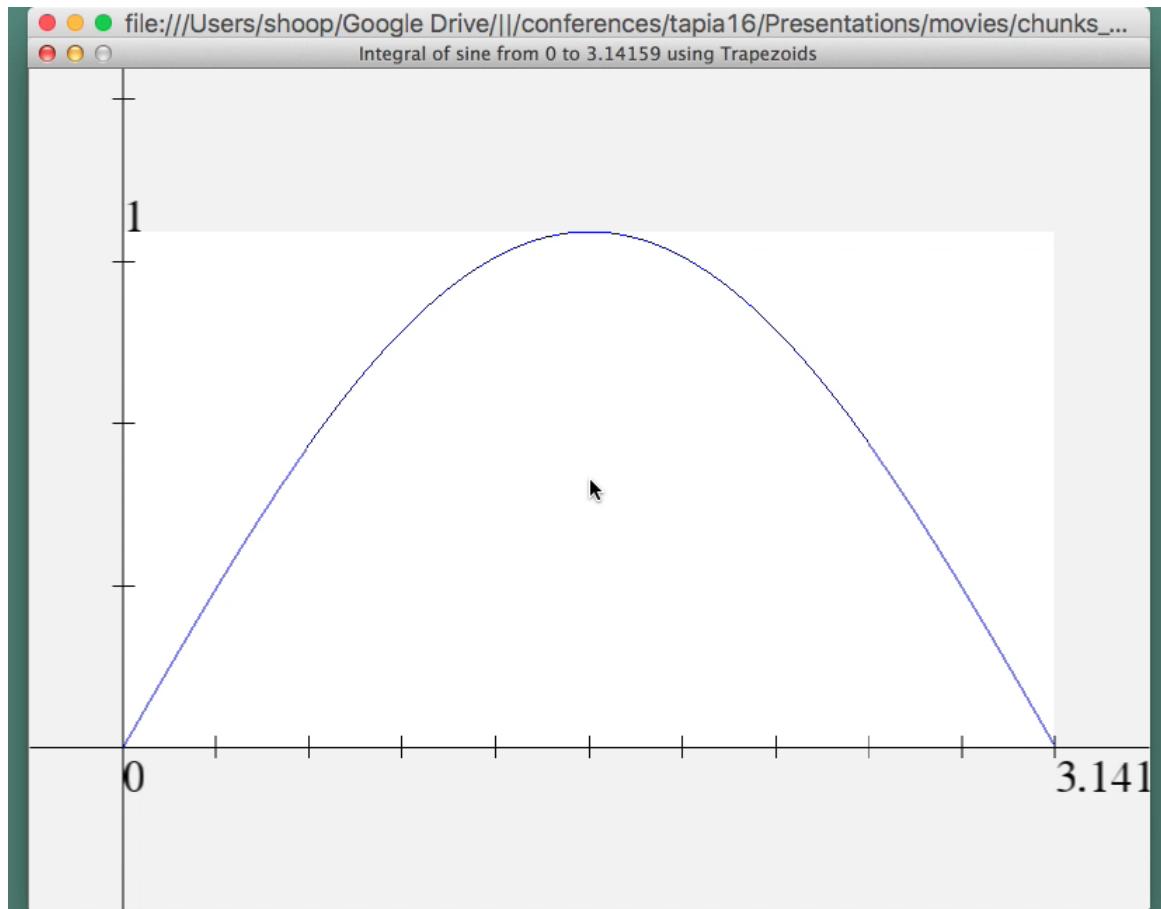
4 threads equal chunks

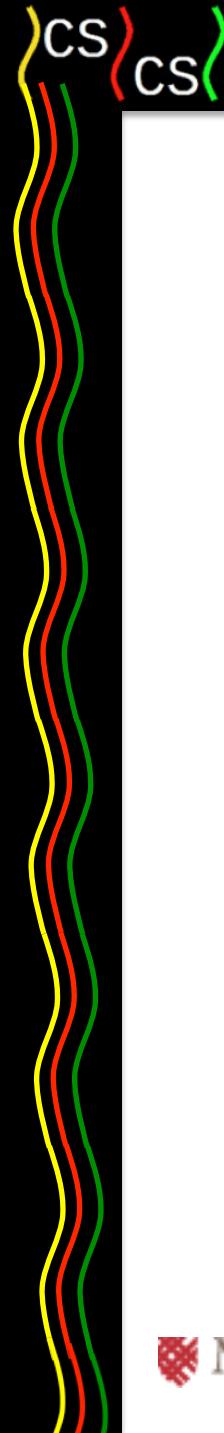




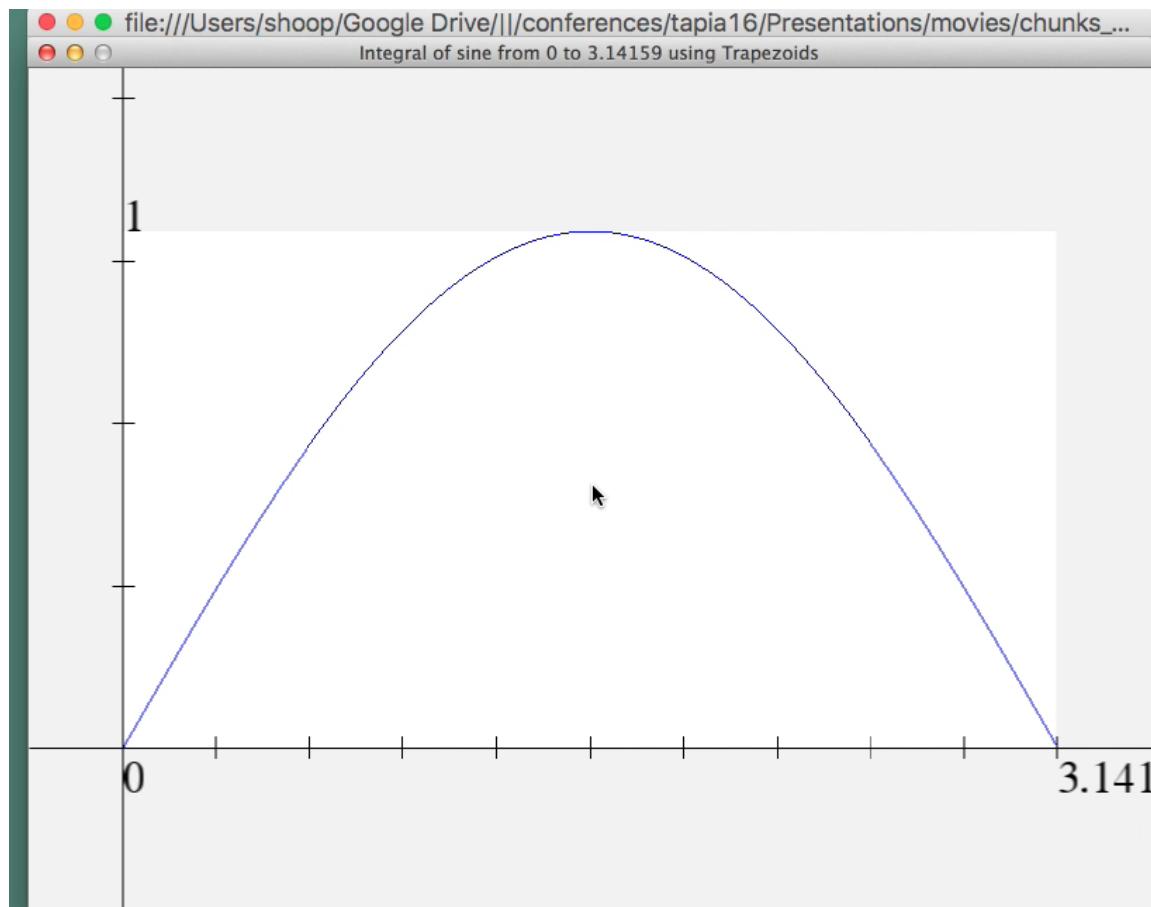


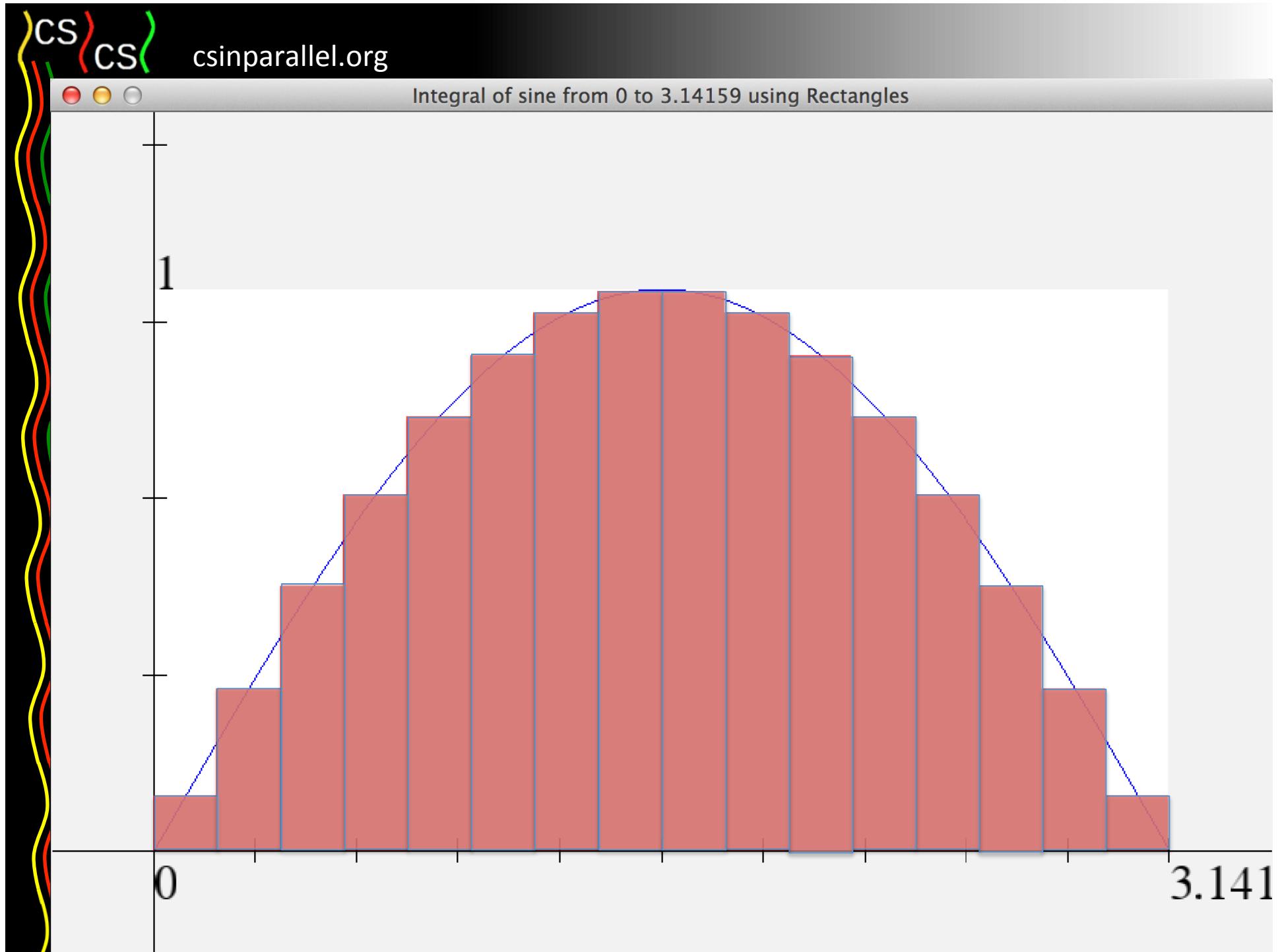
2 threads, 1024 trapezoids, chunks of 1

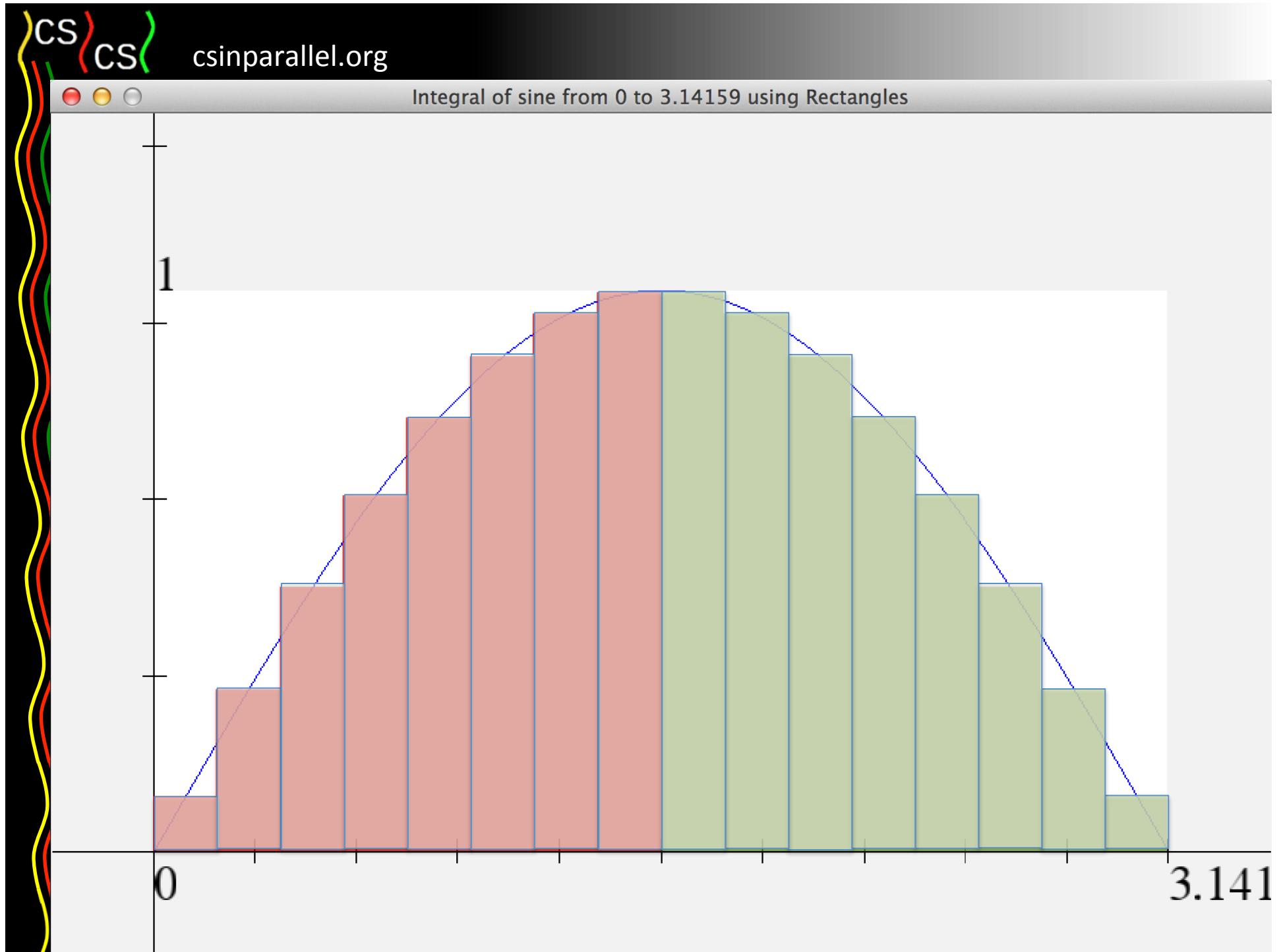


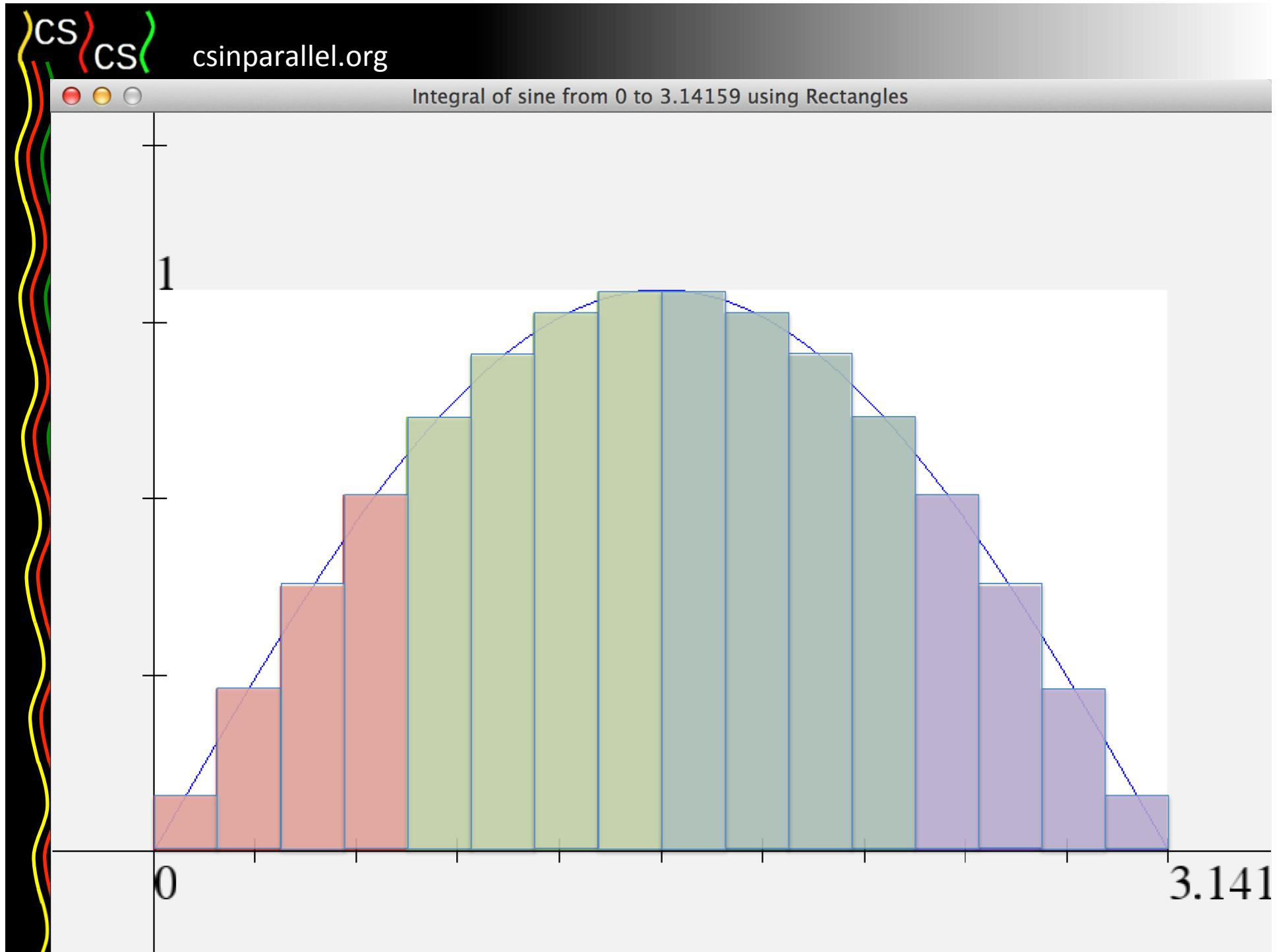


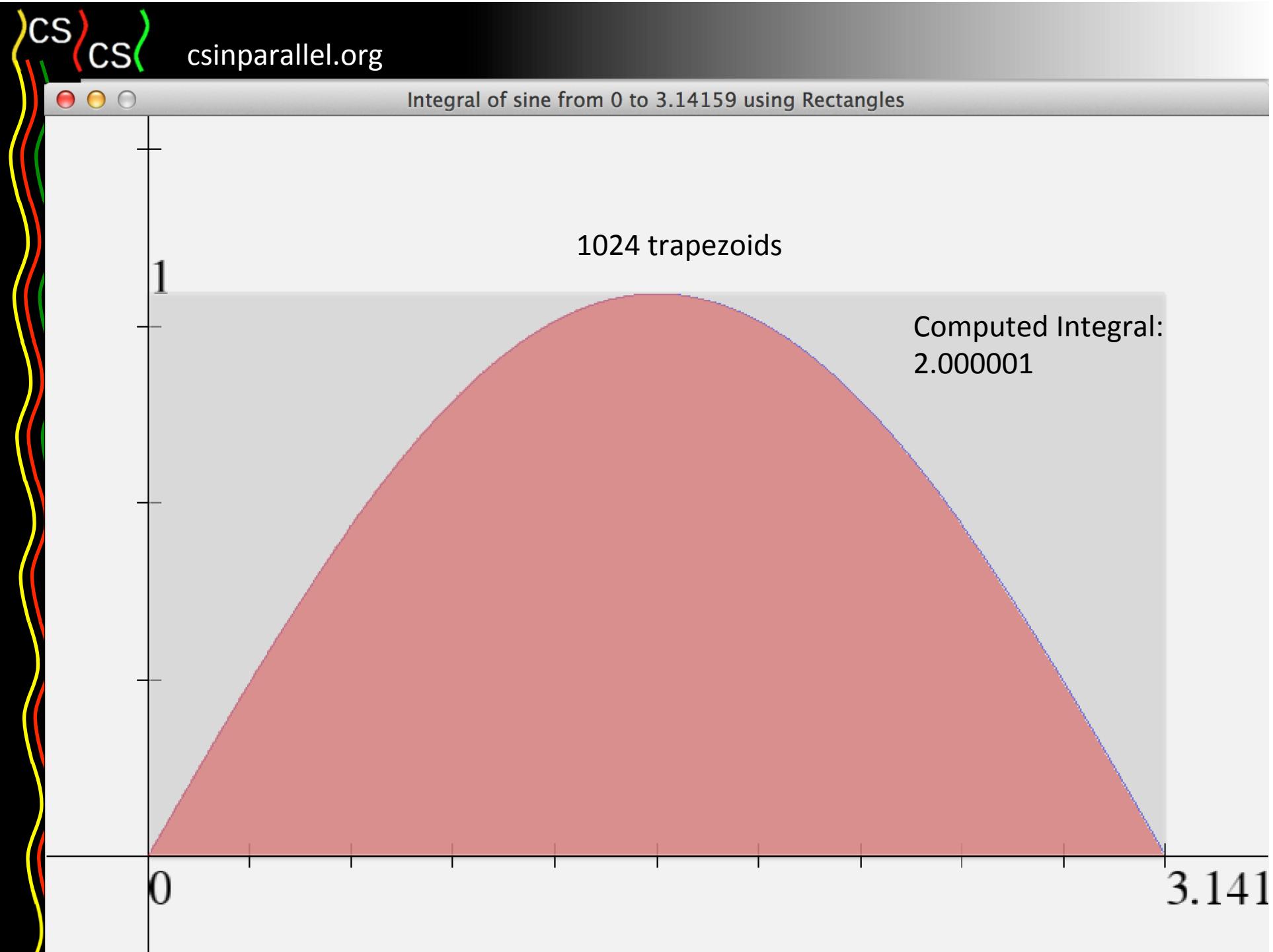
4 threads, 1024 trapezoids, chunks of 1



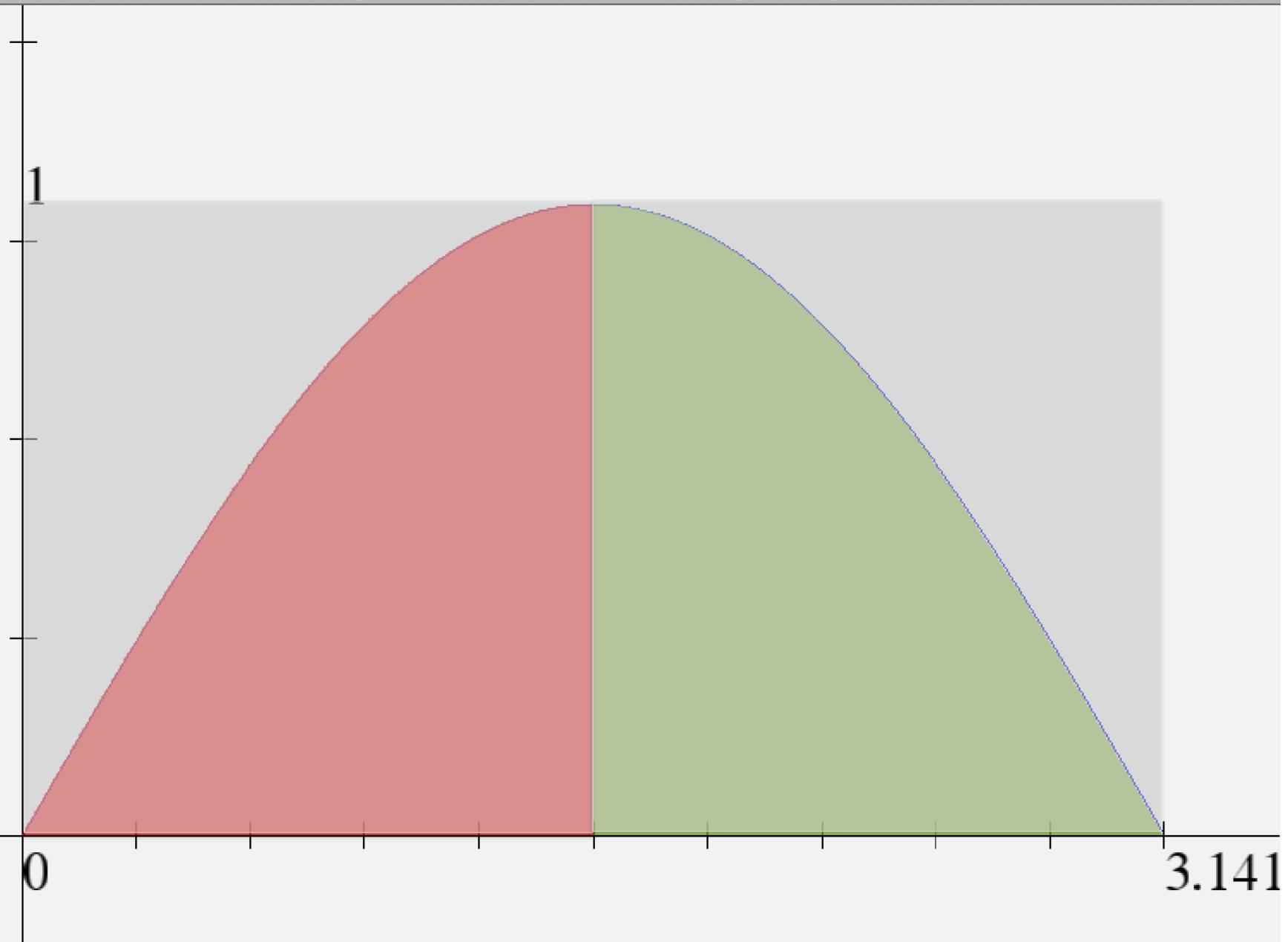


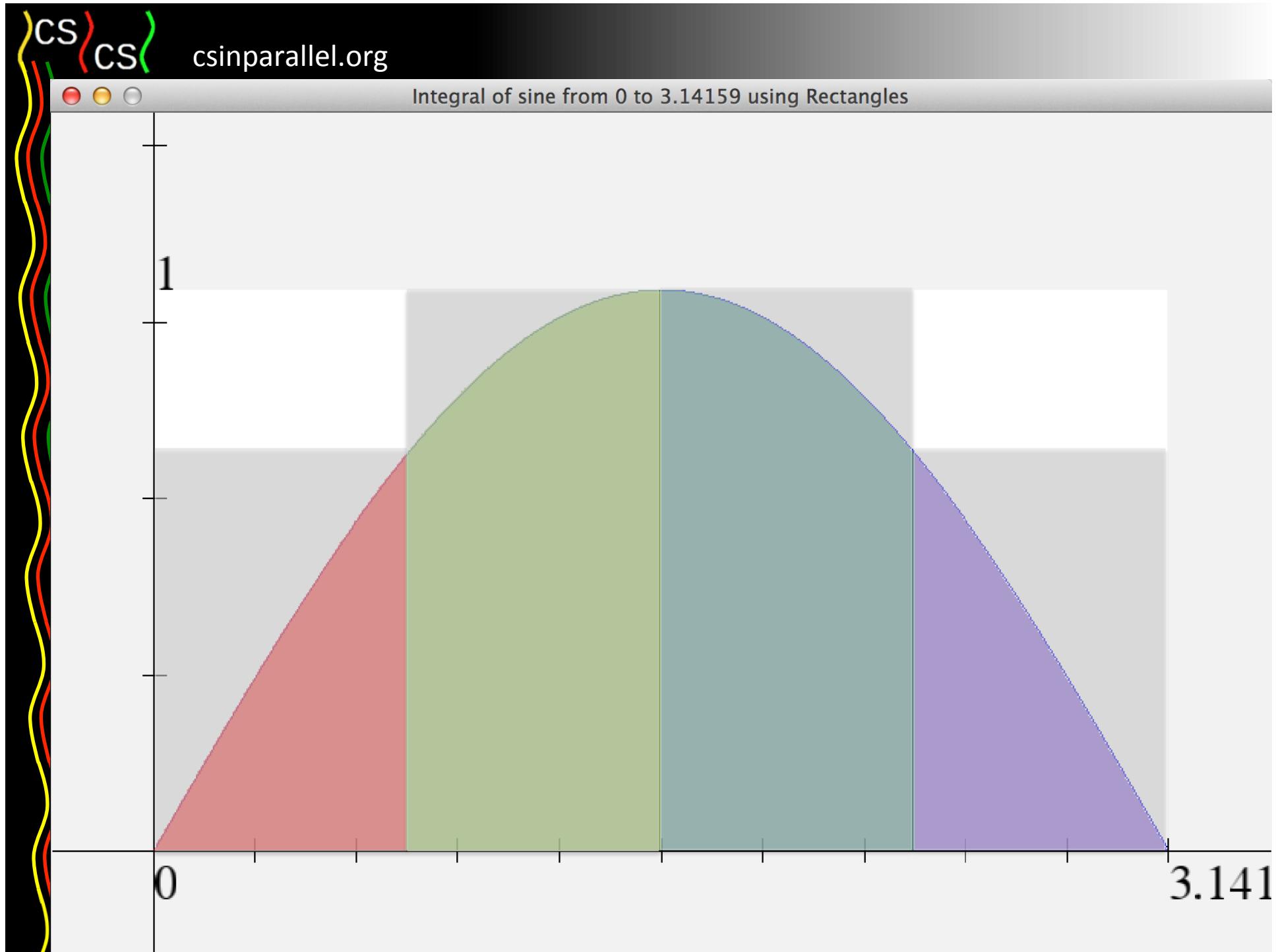


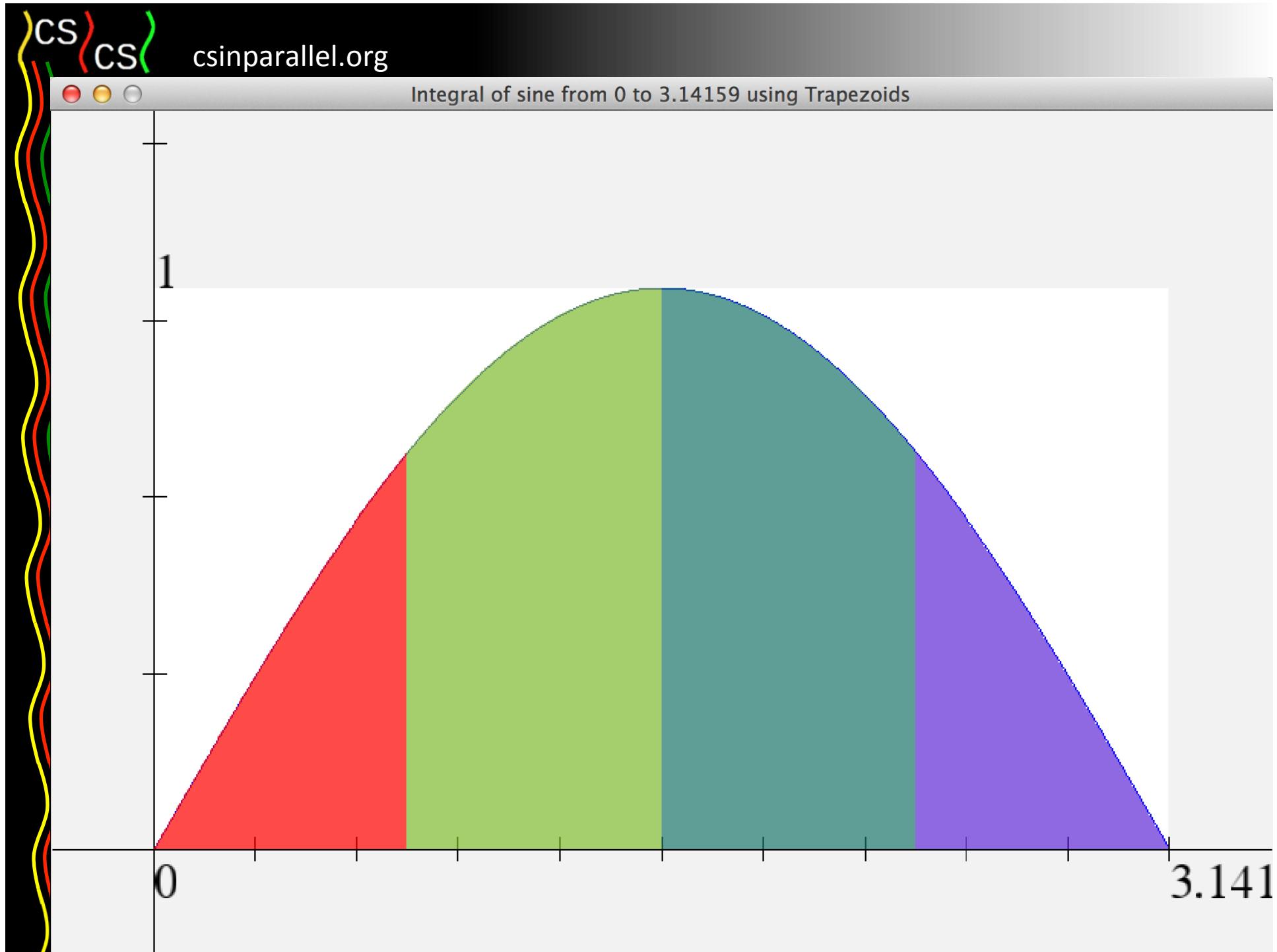




Integral of sine from 0 to 3.14159 using Rectangles







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Integral of sine from 0 to 3.14159 using Trapezoids