

1116-VK-2744      **Paul R McCreary\*** ([mccrearp@evergreen.edu](mailto:mccrearp@evergreen.edu)). *Animations! Riemann Surfaces and Interactive Computer Animations.*

Come see cartoons featuring your favorite genus-one Riemann surface relationships! See the equivalence of surfaces captured in an interactive animation, which you and your students can manipulate on the screen. How can different shapes actually represent the same Riemann surface? What makes them equivalent? And what about those equivalent points? How do they get arranged in such striking patterns? And paths on parallelograms, what do they look like on the torus?! These perplexing questions and more exposed in living, moving color and action! There may even be time to address questions about the software used to create these animations. (Received September 22, 2015)