

1135-VJ-581 **Janet Chen*** (jjchen@math.harvard.edu). *Using Applets to Build Understanding of Infinite Series.*

Students studying infinite series often focus on convergence tests without getting a big picture of why convergence matters. In this talk, I will share applets we use in our second-semester calculus course to motivate the study of convergence and to help students build intuition for ideas such as the interval of convergence of a power series. (Received September 09, 2017)