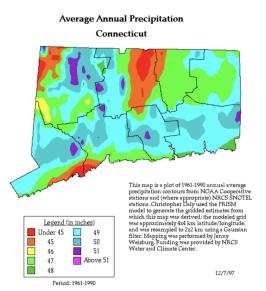
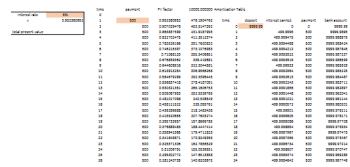
The **Calculus courses at WPI** include an active-learning lab that incorporates real-world problems, mathematics and computer software to delve into many topics of mathematics. Topics covered in these Calculus labs are varied and give a deeper insight into the topics students are learning in Calculus. We work on <u>Riemann sums</u> with weather maps.



We work on geometric series with loans and annuities.

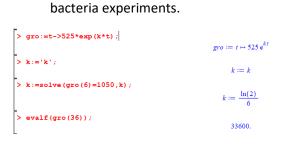


We work on <u>center-of-mass</u> using body density functions with athletics.

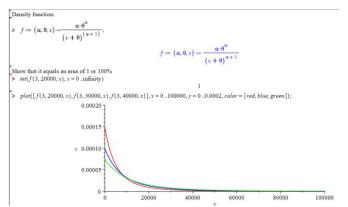
We work on <u>polar coordinates</u> with cardioid microphones.



We work on <u>improper integrals</u> and probability density functions with insurance claims.



We work on exponential growth with



The software used in the active-learning labs includes





Ge&Gebra

