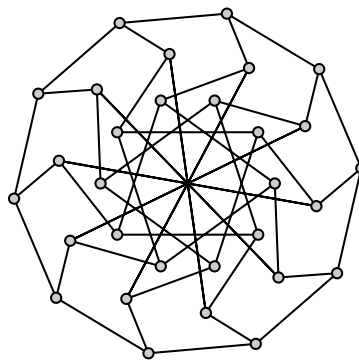


Department of Mathematics and Statistics
Colloquium Lecture Series

Odile Bastille
UAF

**An Introduction to Creating Graphics with the
TikZ Package in L^AT_EX**

Adding graphical content in papers and presentations prepared with L^AT_EX can be achieved using a variety of external drawing programs. These require you to attach external files to your document, and often there are portability/compatibility issues. So what if there were simply an extension package that allowed you to do all the drawing/graphing



you need – directly within the source document? You may be thinking “certainly not TikZ”, a German acronym for “This is not a drawing program”. But indeed, that’s exactly what TikZ was designed for: to provide a language-based approach for creating graphics which blend well with L^AT_EX documents. So we will explore through simple tutorials its vocabulary and learn the dialect! Examples are mostly drawn from math classes taught at UAF: trigonometry, calculus, graph theory, topology and applied/complex/real analysis.

Thursday, October 8, 2009

Chapman 106

1:00–2:00

Refreshments after the talk in Chapman 101A