

**Meeting:** 1004, Bowling Green, Kentucky, SS 5A, Special Session on Advances in the Study of Wavelets and Multi-wavelets

1004-42-165            **Eric Weber\*** ([esweber@iastate.edu](mailto:esweber@iastate.edu)), 396 Carver Hall, Department of Mathematics, Iowa State University, Ames, IA 50011. *Construction of Orthogonal Framelets*. Preliminary report.

Orthogonal framelets have some nice properties for applications such as high dimensional data analysis and signal multiplexing. We shall discuss a technique for the construction of these framelets. This is a work in progress with Ghanshyam Bhatt and Brody Johnson. (Received January 24, 2005)