

1046-62-1535

**Mingfu Zhu\*** (mzhu@clemson.edu), Department of Mathematical Sciences, Clemson University, Clemson, SC 29634, **Shuhong Gao**, Department of Mathematical Sciences, Clemson University, Clemson, SC 29634, and **Guangran Jiang**, Department of Computer Science, Zhejiang University, Hangzhou, Zhejiang , Peoples Rep of China. *Proving the 100 Swiss Francs conjecture.*

Sturmfels offered 100 Swiss Francs in 2005 to a conjecture, which deals with a special case of the maximum likelihood estimation for a latent class model. A positive solution for this conjecture will be presented in this talk. (Received September 15, 2008)