

**Meeting:** 1003, Atlanta, Georgia, AMS CP 1, AMS Contributed Paper Session

1003-60-1006      **Wai Chan\*** ([wtchan@csupomona.edu](mailto:wtchan@csupomona.edu)), Cal Poly Pomona, Department of Mathematics, 3801 West Temple Ave., Pomona, CA 91768, and **Michael Green** ([mlgreen@csupomona.edu](mailto:mlgreen@csupomona.edu)), 8776 Coyote Bush Rd., Riverside, CA 92508. *Free Stochastic Music*. Preliminary report.

The greek composer Xiannis Zenakis developed a musical style termed free stochastic music. The mathematics of the musical style has not been rigorously developed. This preliminary report will discuss the probability models used in developing a free stochastic musical composition. (Received October 01, 2004)