1007-01-59 **M. Elizabeth Mayfield*** (`mayfield@hood.edu`), Department of Mathematics, Hood College, 401 Rosemont Ave., Frederick, MD 21701. *Gerbert, Pythagoras, and the Chromatic Scale.* Preliminary report.

Gerbert, the tenth century mathematician and pope, is known for his efforts to introduce Hindu-Arabic numerals into Western Europe and for his work in geometry. But his twin interests in mathematics and the church also led him to some interesting discoveries about mathematics and music. (Received January 25, 2005)