1108-20-210 **Paul Becker*** (`peb8@psu.edu`), **Sheridan Houghten**, **Jennifer Ulrich** and **Martin Derka**. *A natural two-generator construction of the sporadic Mathieu group M_{24}.*

The sporadic group M_{24} is known to be the full automorphism group of the extended binary Golay code. We discuss two very simple constructions for the Golay code; each admits a natural automorphism. We then correlate the two constructions, producing two permutations which are sufficient to generate M_{24}. (Received January 13, 2015)