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*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 August 26, 2014)