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Cesar E Silva* (csilva@williams.edu). *The mathematical work of Dorothy Maharam in ergodic theory and measure theory*. Preliminary report.

Dorothy Maharam (1917-2014) made several important contributions to measure theory, ergodic theory and category algebras. We will discuss some of her work with emphasis on her work in ergodic theory and measure theory. (Received September 20, 2016)