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Ben C Ward* (bencward@gmail.com), Department of Mathematics, Purdue University, 150 North University Street, West Lafayette, IN 47907-2067. *BV Structures and Modular Operads*.

We associate a BV operator to a suitable type of modular operad, whose failure to be a derivation gives an odd Lie bracket associated to the underlying cyclic operad. This bracket is a cyclic generalization of Gerstenhaber's original bracket on the Hochschild cochains of an associative algebra. (Received September 09, 2010)