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**Giulio Caviglia\***, Mathematics Department, Purdue University, 150 N. University Street, West Lafayette, IN 47906. *Some quadratic Gorenstein rings which are Koszul*. Preliminary report.

Conca Rossi and Valla have shown that a generic Gorenstein ring with h-polynomial  $1 + nz + nz^2 + z^3$  is Koszul. Furthermore they showed, without the generic assumption, that for  $n = 3$  and  $n = 4$  being quadratic is equivalent to being Koszul. We will show the same result for  $n = 5$ . (Received August 09, 2015)