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H.E.A. Campbell, R. James Shank and David L. Wehlau* (wehlau@rmc.ca), P.O. Box 17000 Stn Forces, Kingston, Ontario K7K 7B4, Canada. *Invariants of Certain Elementary Abelian p -groups.*

I will discuss the polynomial invariants of three dimensional representations of elementary abelian p -groups $(Z/pZ)^r$ for $r = 1, 2, 3$. A moduli space for these representations and the rings of invariants of these groups will also be described. (Received September 23, 2012)