1023-20-1493   **Mohammad Reza Darafsheh** (`darafsheh@ut.ac.ir`), Mathematics Department, University of Tehran, Tehran, Tehran, Iran, and **Manouchehr Misaghian*** (`mmisaghian@jcsu.edu`), Mathematics Department, Johnson C. Smith university, 100 Beatties Ford Road, Charlotte, NC 28216. *Construction of the Irreducuble characters of the Heisenberg group and a similar special group.*

Let $H_n(q)$ denote the Heisenberg group defined over the finite field with q elements. We will be using the geometry of the finite symplectic group we will describ all irreducible characters of $H_n(q)$. A special group of the same type appears as a subgroup of the finite unitary group whose irreducible characters will be described using the geometry of the unitary group. (Received September 26, 2006)