

1079-58-216

**John Ryan\*** (jryan@uark.edu), Department of Mathematical Sciences, University of Arkansas, Fayetteville, AR 72703, and **Stuart Shirrell**. *Symmetry in Hermitian Clifford Analysis*. Preliminary report.

Hermitian Clifford analysis has arisen as an attempt to marry together euclidean Clifford analysis and almost complex structures. We will show that this extensively limits the group of invariances for the resulting Dirac type operators. This is joint work with Stuart Shirrell. (Received January 13, 2012)