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**Jay A. Wood\*** ([jay.wood@wmich.edu](mailto:jay.wood@wmich.edu)), Department of Statistics, Western Michigan University, 1903 W. Michigan Ave., Kalamazoo, MI 49008-5278. *Dual Codes over Finite Rings—Cautions and Compromises.*

For linear codes of length  $n$  over a finite field  $GF(q)$ , the dual code has several desirable properties, including:  $(C^\perp)^\perp = C$ ,  $|C||C^\perp| = q^n$ , and the MacWilliams identities on weight enumerators. In generalizing these results to linear codes defined over finite rings or finite modules, one must be cautious and make some compromises. I will survey some of these compromises—most of which are well-known, but some are new. (Received January 23, 2008)