1077-VL-340　　　　　**Walter S. Sizer*** (`sizer@mnstate.edu`), Department of Mathematics, Minnesota State University Moorhead, Moorhead, MN 56563. *An Overview of Numeral Systems.* Preliminary report.

In the past and present there have been close to 100 different symbolic numeral systems used in the world. Most of these systems are based on one or more of four principles, which can be termed repetitive, alphabetic, multiplicative, and positional. We will indicate how systems based on each of these principles work and give some less well known examples of each type of system, including Inupiaq and Glagolitic numerals. Examples of some numeral systems in current use will be illustrated with exhibits. (Received August 24, 2011)