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The necessity to know certain information about the principal minors of a given/desired matrix is a situation that arises in several areas of mathematics; as a result, researchers associated a sequence with a symmetric (or complex Hermitian) matrix, which they defined as follows: The *enhanced principal rank characteristic sequence* (*epr-sequence*) of an  $n \times n$  symmetric (or complex Hermitian) matrix  $B$  is  $\ell_1 \ell_2 \cdots \ell_n$ , where  $\ell_k$  is **A** (respectively, **N**) if all (respectively, none of) the principal minors of order  $k$  are nonzero; if some (but not all) are nonzero, then  $\ell_k = \mathbf{S}$ .

Known results about epr-sequences will be discussed, concluding with the introduction of a new principal rank characteristic sequence for Hermitian matrices: The *signed enhanced principal rank characteristic sequence* (*sepr-sequence*), which was recently introduced by the present speaker as a refinement of the epr-sequence. Results regarding the attainability of sepr-sequences will be presented. Particular attention will be paid to results forbidding certain subsequences from appearing in the sepr-sequence of a Hermitian matrix. (Received September 20, 2017)