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Michael Anshelevich* (manshel@tamu.edu), Department of Mathematics, Texas A&M University, College Station, TX 77843-3368, and **David Buzinski**. *Hermite trace polynomials*.

Trace polynomials were introduced by Procesi in the early 1970s, and are currently enjoying a revival. We will define the trace version of Hermite polynomials, justify this definition, and prove some of their basic combinatorial properties. (Received January 17, 2022)