

**ZMATH 2015c.00615**

**Womack, David**

**Beyond tetration operations: their past, present and future.**

Math. Sch. (Leicester) 44, No. 1, 23-26 (2015).

From the text: This article shows how the present notation for arithmetic operations can be extended to the unfamiliar operation of tetration. Perhaps readers could devise their own 'experimental' systems for extending operations – paying due regard to bracketing order and interpretation of operator sign as 'active' or 'passive'.

*Classification:* F50 H40 E40

*Keywords:* arithmetic operations; operation signs; notation; algebra; history of mathematics; Egyptian mathematics; tetration; non-reversible operations; replicative operations; inverse operations; transposing terms; exponentiation