

ZMATH 2016f.01132

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Four functions and a bijection.

Math. Spectr. 48, No. 3, 116-118 (2016).

Summary: By applying the floor and ceiling operations to real numbers, a real function can be discretized to give a new function on the integers. Much information will, of course, be lost in such a process, but perhaps some intrinsic property concerning order may be retained. Even for the integers, inequalities can be tricky, and the article may serve as a useful exercise in their manipulation.

Classification: I20 I30

Keywords: integer functions; real bijection