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Added in proof

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Addendum and corrigendum to the paper "On sums of powers and a related problem", Acta Arith. 36(1980), pp. 125-141

by

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Improving on the results of the paper, it is possible to prove

THEOREM. *All sufficiently large integers N are representable in the form*

$$N = \sum_{s=1}^{20} x_s^{s+1}$$

(*x's being non-negative integers*).

The proof will appear in Portugaliae Math.

The following misprints are also noted:

p. 129, in (30) $= f_2\left(\prod_{k=2}^{23} f_k\right)$ should be replaced by $= \prod_{k=2}^{23} f_k$,

p. 136, in (53) K_3 should be replaced by K_4,

p. 137, in Lemma 24 $N^{\mu_5'}$ should be replaced by $N^{\mu_5'/5}$

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