ADDENDA:
NONSOLVABLE NUMBER FIELDS
RAMIFIED ONLY AT 3 AND 5

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This note gives addenda for the article *Nonsolvable number fields ramified only at 3 and 5* [1].

(1) Page 717, "On the assumption of the Generalized Riemann Hypothesis (GRH), the Odlyzko bounds [Mar82] imply that each of the fields we construct is totally imaginary": This immediately follows from the more general fact that the representations constructed from Hilbert modular forms are *odd*, so that the determinant of (any) complex conjugation is equal to -1; it thus follows that even in the projectivization, complex conjugation acts nontrivially, so the number fields so constructed are totally complex.

REFERENCES

[1] Lassina Dembélé, Matthew Greenberg, and John Voight, *Nonsolvable number fields ramified only at 3 and 5*, Compositio Math. **147** (2011), no. 3, 716–734.