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Dean of the ^{ADMINISTRATIVE} Graduate Division
University of Wisconsin
Whitewater, Wisconsin 53190

Dear Sir or Madam,

At her request I have read very carefully all the research papers of Prof Malvina Baica. The central feature which unites all, ^{but on} of these papers is the systematic exploitation of algorithms generalizing the classical continued fraction algorithm. One of these is the well-known Jacobi Perron algorithm, while others (especially in



the complex case) are due to Prof Baica herself. Applications are made to the approximation of irrationals by rationals, the calculation of units in algebraic number fields, Diophantine equations and combinatorial identities. The results obtained are interesting and important. This area of research is very fertile and promising, and Prof Baica can be confidently expected to continue producing work of high quality.

The later papers show a marked increase of familiarity with written English, but all of them are written with clarity

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and some elegance I have heard Prof.
Baica lecture, and found her pronunciation
and delivery to be excellent

Sincerely,

Basil Gordon

Professor of Mathematics
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