ALGORITHM 78
RATIONAL ROOTS OF POLYNOMIALS WITH INTEGER COEFFICIENTS
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**Remark on Algorithm 78**
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The algorithm was successfully run using the Elliott Algol translator on the National-Elliott 803. It was noticed that a multiple rational root will only be printed once by the procedure.

**Certification of Algorithm 78**
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RATFACT was copied in the Navy Electronics Laboratory International Algol Compiler, NELIAC, and tested on the UNIVAC M-400 Countess and the CDC 1604. Polynomials of order 2 through 6 were tested. No corrections were found necessary. It was noted that a polynomial whose coefficients included a common factor would produce superfluous values of $p/q$, in which this fraction was indeed a root, but one in which $p$ and $q$ contained a common factor.