Mark Dept.,
Monash University,
CLAYTON
Victoria 3168.

16/7/82

Dear Prof. Poincare,

Just a note to correct the
fourth term of sequence 1170 which corresponds
to Schröder's 'second problem'. This term is
65, not 145.

Incidentally a colleague of mine has
just recently shown that this sequence is
related to the Legendre polynomials as

\[ e_n = \frac{1}{n(2n+1)} \left( P_{n+1}(3) - P_{n-1}(3) \right), \quad n \geq 1 \]

where

\[ (e_1, e_2, e_3, e_4, \ldots) = (1, 3, 11, 45, \ldots) \]

Yours sincerely,

ST. John Neville