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Dear Prof Sloane,

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

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

$$e_n = \frac{1}{4(2n+1)} (P_{n+1}(3) - P_{n-1}(3)), \quad n \geq 1$$

where

$$(e_1, e_2, e_3, e_4, \dots) = (1, 3, 11, 45, \dots)$$

Yours sincerely,

St John Kettle