Erratum

Erratum: Pair-correlation energies in sodium hydride with many-body perturbation theory [Phys. Rev. A 10, 1927 (1974)]

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An error has been uncovered in the computer code that had been used to calculate third-order ladder diagrams. The numerical effects on the reported correlation energies are ~0.002 hartrees. These changes have an effect on the results given in Tables I and II; but for conciseness, a corrected Table I is given below. Three independent programs have now been used to establish the veracity of the present results. It should be noted that these changes do not affect any of the conclusions in the paper.

TABLE I. Pair contributions to the correlation energy of NaH ($E_{SCF} = -162.3928$, $R = 3.566$ bohr). [a]

Potential	V^N	V^{N-1}
$E_2(A)$	−0.2119	−0.2536
$E_2^S(A)$	−0.2415	−0.2484
$E_3^S(C)$	+0.0189	+0.0200
$E_3^S(G)$	−0.0287	−0.0312
$E_3^S(0)+(S)$	··· [b]	+0.0075
$E_2^S+E_3^S$	−0.2513	−0.2521
Total energy	−162.6441	−162.6449

[a] Energies in hartrees.
[b] Identically zero for V^N potential.