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## Erratum

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# Entropy Changes for Steady-State Fluctuations<sup>1</sup>

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*Received August 16, 1974*

The explanation on p. 359 is structured incorrectly. The term  $\delta q_0$  in Eq. (10) and in the paragraph at the bottom of the page should be replaced by the ensemble average,  $\langle \delta q \rangle$ . The term  $\delta U_F$  must be defined as

$$\delta U_F = \delta \langle U \rangle - (dU/dq)_{q_0} \langle \delta q \rangle$$

and, as recognized elsewhere in the paper, is not a perfect differential. It is not simply an energy of fluctuations. These errors are local and do not affect the remainder of the discussion. As pointed out on p. 360, for the equilibrium distribution  $(dU/dq)_{q_0}$  is identical to  $\langle dU/dq \rangle$ .

Section 6 of the paper contains real errors and should be ignored.

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<sup>1</sup> This paper appeared in *J. Stat. Phys.* 9(4):351 (1973).

<sup>2</sup> IBM Thomas J. Watson Research Center, Yorktown Heights, New York.