

Erratum
On the Stationary Properties of an Open System
with Internal Coherent Interactions

P. Schwendimann

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The paper being already in press, it has been realized that Eq. (3.11) was not completely correct. Indeed W^{as} is diagonal with H_S as expected and the exponential form

$$W^{as} = \mathcal{N} e^{-F(\beta_1, \beta_2) H_S} \quad (1)$$

holds. $F(\beta_1, \beta_2)$ has the property $\lim_{T_1 \rightarrow 0} F(\beta_1, \beta_2) = F(\beta_2)$. Eq. (1) can be verified by model calculations. However the identification

$$F(\beta_1, \beta_2) = \frac{1}{\beta_1} + \frac{1}{\beta_2} \quad (2)$$

done in Eq. (3.11) does not show this property and is therefore incorrect.

A more convenient expression for $F(\beta_1, \beta_2)$ has been given by Haken [1].

We acknowledge Prof. H. Haken for his comments on this point.

Reference

1. Haken, H.: Z. Physik **266**, 267 (1973)

P. Schwendimann
Institut für theoretische Physik
der Universität Bern
Sidlerstraße 5
CH-3012 Bern
Switzerland