

Reply to "Comment on 'New methods for solving the Bethe-Goldstone equation'"**M. Znojil***Institute of Nuclear Physics, Czechoslovak Academy of Sciences, CS 250 68 Řež, Czechoslovakia*

(Received 22 June 1976)

One of the previously proposed methods is actually equivalent to that of Tsai and Kuo.

[NUCLEAR STRUCTURE Accurate methods for calculating correlated function.]

In a previous paper,¹ two methods for the calculation of the correlated function $|\psi\rangle$ were proposed as a generalization of the idea by Goldhammer and Pintar.² While the numerical testing and application were in preparation, it became clear³ that the resulting equations of the second method

proposed in Ref. 1 may be straightforwardly translated into the language of the exact evaluation of G matrix suggested earlier by Kuo and Tsai.⁴

I would like to thank T. T. S. Kuo for the private correspondence making this link evident.

¹M. Znojil, Phys. Rev. C 12, 2077 (1975).

²P. Goldhammer and J. A. Pintar, Phys. Rev. C 10, 1581 (1974).

³S. F. Tsai and T. T. S. Kuo, preceding paper, Phys.

Rev. C 14, 2319 (1976).

⁴S. F. Tsai and T. T. S. Kuo, Phys. Lett. 39B, 427 (1972).