

**Correction to "Encoding of Correlated Observations"**

Thomas J. Flynn, *Member, IEEE*, and Robert M. Gray, *Fellow, IEEE*

In the above paper,<sup>1</sup> we demonstrated an achievable-rate region for the situation in which two noisy observations of a common source are transmitted over separate channels to a

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T. J. Flynn is with the Sandia Corporation, P.O. Box 5800, Albuquerque, NM 87185.

R. M. Gray is with the Information Systems Laboratory, Electrical Engineering Department, Stanford University, Stanford, CA 94305.

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<sup>1</sup>T. J. Flynn, and R. M. Gray, *IEEE Trans. Inform. Theory*, vol. IT-33, no. 6, pp. 773-787, Nov. 1987.

common location where the source process is to be reconstructed with minimum average distortion. We have since become aware of the earlier work of H. Yamamoto and K. Itoh [1] in which the same result is stated. The formulas for the achievable rate in the two papers appear different, but they can be shown to be equivalent using the Markov-chain conditions on the processes involved. This paper provides examples of actual code design techniques not considered in [1] that reinforce the theoretical results. It may also retain some interest as it contains the first publication in English of the proof of the basic theorem.

## REFERENCES

- [1] H. Yamamoto and K. Itoh, "Source coding theory for multiterminal communication systems with a remote source," *Trans. IECE Jap.*, vol. E63, pp. 700-706, Oct. 1980.