

E R R A T A

R. J. Beshara, "A New Evaluation of the Mean Square Integral," published in the December, 1971, issue of the JOURNAL OF DYNAMIC SYSTEMS, MEASUREMENT, AND CONTROL, p. 244.

Equations (24) and (25) contain several errors. The correct equations appear below:

$$K = M \begin{pmatrix} \hat{f}_1 & 0 \\ & \ddots \\ 0 & \hat{f}_n \end{pmatrix}; L_{ij} = \frac{1}{\lambda_i + \lambda_j} \quad (24)$$

M is the similarity transformation matrix and the f_i 's are obtained from

$$\hat{f} = M^{-1}f, \quad (25)$$

- 1 n eigenvalues of A
- 2 n eigenvectors of A (to get M matrix)
- 3 1 matrix inverse (M^{-1})
- 4 1 matrix-vector product

$$(\hat{f} = M^{-1}f)$$

- 5 1 matrix product

$$K = M \begin{pmatrix} \hat{f}_1 & 0 \\ & \ddots \\ & & \hat{f}_n \end{pmatrix}$$