

tem, is equal to zero. It is important that for the network $\bar{\pi}$ the equilibrium state defined above is identical with the state obtained in the DC analysis and it isn't valid for the Lagrangian networks.

REFERENCES

[1] L. O. Chua and J. D. Mc Pherson, "Explicit topological formulation of Lagrangian and Hamiltonian equations for nonlinear networks," *IEEE Trans. Circuits Syst.*, vol. CAS-21, pp. 277-286, Mar. 1974.

Correction to "Kronecker Products and Matrix Calculus in System Theory"

JOHN W. BREWER

In the above paper,¹ the Kronecker sum sign was misprinted as a Kronecker product sign in three instances in Table II. The correct versions are shown below.

- T2.12 $\exp(N \oplus M) = \exp(N) \otimes \exp(M)$.
- T2.14 $\beta_k \otimes \alpha_i$ is an eigenvector of $N \otimes M$ with eigenvalue $\lambda_i \mu_k$ and is also an eigenvector of $N \oplus M$ with eigenvalue $\lambda_i + \mu_k$.
- T2.16 If N and M are symmetric and sign definite of the same sign then $N \oplus M$ is also sign definite of that sign.

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¹J. W. Brewer, "Kronecker products and matrix calculus in system theory," *IEEE Trans. Circuits Syst.*, vol. CAS-25, pp. 772-781, Sept. 1978.

Correction to "An Algebra of Transfer Functions for Distributed Linear Time-Invariant Systems"

F. M. CALLIER AND C. A. DESOER

In the above paper,¹ the following errors occurred in the Proof of Theorem 2.2 (p. 659, first column). For convenience, we count lines downward starting from the subtitle Proof of Theorem 2.2.

- Line 1: $e^{\sigma t}$ should read $e^{-\sigma t}$.
- Line 3: $\hat{f}(\sigma + j\omega)$ should read $\hat{f}_p(\sigma + j\omega)$.
- Line 3: $L_2(\mathbb{R}_+)$ should read $L_2(\mathbb{R})$.
- Line 5: $e^{\sigma t} f_p(t)$ should read $e^{-\sigma t} f_p(t)$.
- Line 5: g should read f (three times!).
- Line 6: $g(p)$ should read $\hat{f}(p)$.
- Line 8: the top " $t < 0$ " should read " $t > 0$ ".
- Line 10: delete " $k \in L_1(\mathbb{R}) \cap L_\infty(\mathbb{R})$ and," and replace by "since $\text{Re } p > \sigma_0$ ".
- Line 14: Replace " $e^{-\sigma t}$," preceding the integral sign, by "-".
- Line 14: Replace twice g by f .

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¹F. M. Callier and C. A. Desoer, "An algebra of transfer functions for distributed linear time-invariant systems," *IEEE Trans. Circuits Syst.*, vol. CAS-25, pp. 651-662, Sept. 1978.

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