with a uniform resistivity in space and with time.

The original impurity concentration in the substrate must be known; if two or more impurities are originally present they may be treated separately and the results superposed. The bulk resistivity of the deposited material near the final deposited surface must be known, either as inferred from knowledge of the behavior of the epitaxial deposition system or from direct measurement of the resistivity following deposition.³ Lastly, the solutions must be used with some discretion and ingenuity in superposing the effects of more than one deposition or of several species of impurities.

Obviously, the end result is not an exact description of the structure but rather an engineering approximation to the actual impurity distributions, since drastic idealizations have been used in the analytical development. However, accounting for diffusion during epitaxy is informative as described here, and the accuracy of the accounting is consistent with the degree of control afforded by deposition systems and with available means of measurement of the properties of resulting devices.

Acknowledgment

The investigation reported herein was conducted at the Arizona State University, Tempe, and was supported by Texas Instruments Incorporated, Dallas. Computations were programmed and conducted by T. Lahey of the Computer Center, Arizona State University.

Correction

Casper W. Barnes, author of the paper "Conservative Coupling Between Modes of Propagation—a Tabular Summary," which appeared on pages 64–73, of the January, 1964, issue of PROCEEDINGS, has called the following to the attention of the Editor. Parts of the left-hand halves of Tables III, IV, VII, and VIII, were published incorrectly, and are reproduced on pages 296–299 as they should have appeared originally.



CONTRA-FLOW SKEW-HERMITIAN DIRECT COUPLING



297



Table IV

PROCEEDINGS OF THE IEEE



 Table VII

 CONTRA-FLOW SKEW-HERMITIAN PARAMETRIC COUPLING

 Table VIII

 CONTRA-FLOW HERMITIAN PARAMETRIC COUPLING

