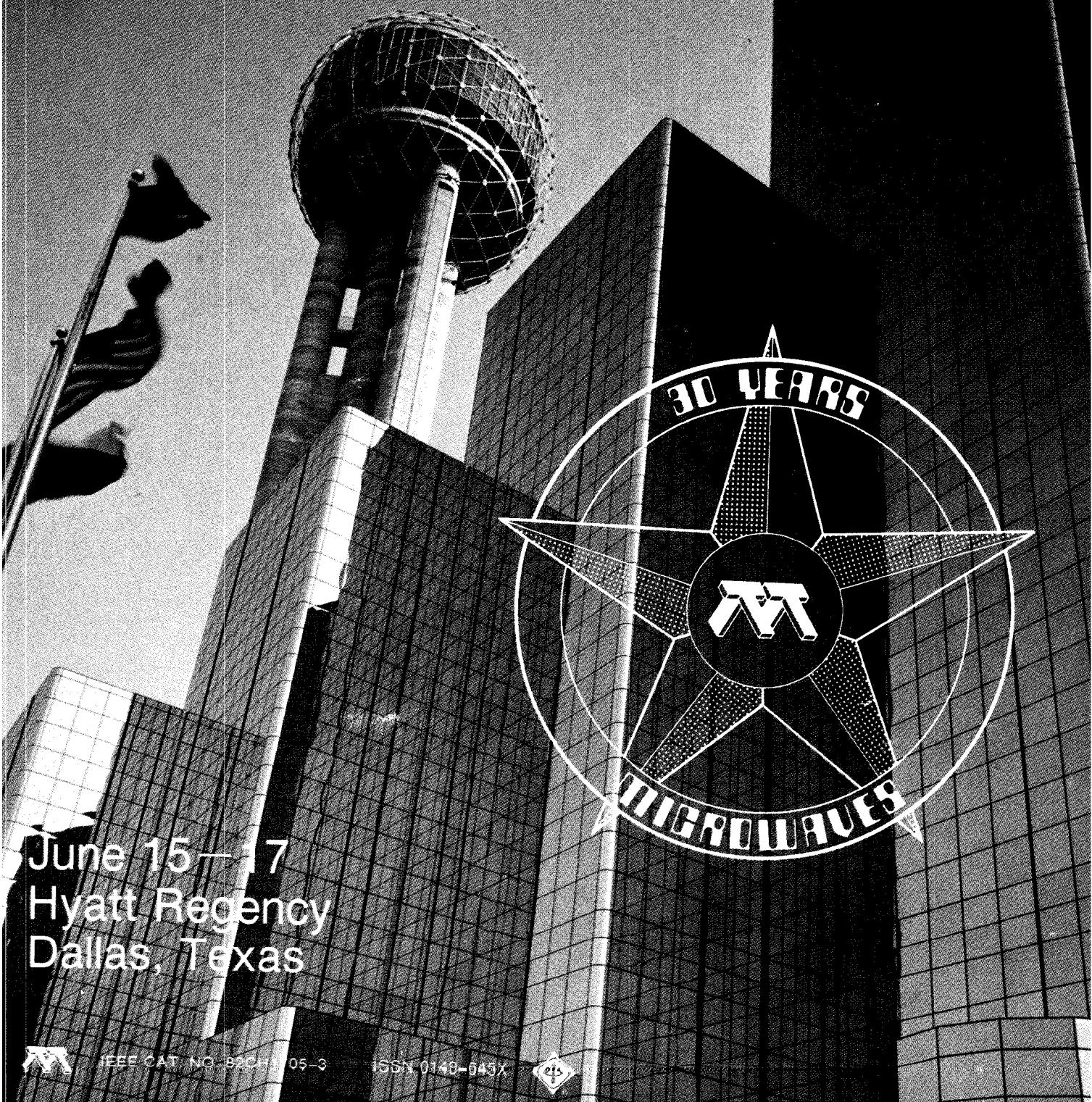


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APOLOGY

The Steering Committee for the 1982 IEEE MTT-S International Microwave Symposium apologizes for several errors which have occurred in the printing of the Symposium Digest. Photographs on eight pages were inadvertently omitted by the Digest printer. For these oversights, we apologize to Dr. Akio Matsumoto and Dr. Arthur A. Oliner, our two distinguished Microwave Career Award recipients, Dr. Ferdo Ivanek, the 1981/1982 MTT-S National Lecturer, Mr. Ben R. Hallford, to whom this Digest is dedicated, and to the 86 members of the 1982 Technical Program Committee, who selected the papers which will be presented at the Symposium.

The Digest printer has reprinted the first thirty-two pages, in which the aforementioned omissions occurred.