

**HOLOMORPHIC EXTENSIONS IN FIBER  
BUNDLES AND APPLICATIONS TO COMPLEX  
TORI.**

R. DWILEWICZ

ABSTRACT. The talk will consist of two parts:

- (1) Solution of the  $\bar{d}$ -problem in complex fiber bundles and holomorphic extensions of CR functions.
- (2) Application to holomorphic extensions of CR functions in vector bundles over complex tori. The criterion will be given in terms of classical theta functions.