

# **MULTIRESOLUTION ANALYSIS AND WAVELET ALGORITHMS**

A Dissertation submitted to the  
SHIVAJI UNIVERSITY, KOLHAPUR  
for the DEGREE of  
MASTER OF PHILOSOPHY  
IN  
MATHEMATICS

By  
**SANJAY A. MORYE**

Under the Guidance of  
**Dr. G. H. PATIL. & Dr. M. S. CHAUDHARY.**

DEPARTMENT OF MATHEMATICS  
SHIVAJI UNIVERSITY, KOLHAPUR

**MAY 2000**