Ph.D. Dissertation

A Visual Programming Environment for Real-Time Control Systems

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Submitted in partial fulfillment
of the requirements for the degree of
Doctor of Philosophy
in Electrical and Computer Engineering

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November 22, 1994

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dedicated to the memory of my grandfather

HARVEY H. GERTZ
1916-1985

who taught me that no matter how bad the weather is outside, the cows still need to be milked

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