## Massachusetts Institute of Technology Department of Electrical Engineering and Computer Science

## Proposal for Thesis Research in Partial Fulfillment of the Requirements for the Degree of ${\bf Master~of~Science}$

Title: A Novel Des	ign of a Delay-Line Pulse Integrator	
Submitted by:	A. B. Cook Ashdown House, Room 675 Cambridge, MA 02139	(Signature of author)
Date of submission	: March 10, 1992	
Expected Date of C	Completion: September 1992	
Laboratory where t	hesis will be done: Research Laborator	y of Electronics
Brief Statement of	the Problem:	
novel modulation a	nd feedback system is proposed which	ployed for pulse integration in radar systems. A should permit much longer effective integration present designs. A bread-board model will be
Supervision Agreen	nent:	
	and willing to supervise the research ar	aster's thesis. The supplies and facilities required ad evaluate the thesis report.
		D. E. Fox, Assoc. Prof. of Elec. Eng.
		G. H. Iverson, Company Supervisor