Table of Contents

Introduction

Overview v

About The NCSA HyperCard Scientific Animation Package v

System Requirements v

Use of This Manual vi

Organization of This Manual vi

Manual Contents vi

Form of Presentation vii

Entry Format Notation vii

Chapter 1 Getting Started

Chapter Overview 1.1

Installing the Package 1.1

Getting Started 1.1

Converting Metacode into a Tektronix 4010 File 1.2

Downloading the Tektronix 4010 File 1.3

Translating a Tektronix 4010 File into PICT 1.3

Importing PICT Files into HyperCard for Animation 1.8

Duplicating the Template Stack 1.8

Loading the Animation Sequence 1.9

Controlling Your Animation 1.10

Setting the Animation Speed 1.11

Exiting the Animation 1.11

Chapter 2 Options and Special Features

Chapter Overview 2.1

Setting Frame Parameters 2.1

Magnifying or Reducing the Frame Size 2.1

Designating Initial or Skipped Frames 2.2

Reviewing Your Frame Parameters 2.3

Creating Multiple Movies from Tektronix 4010 Files 2.3

Figures

Figure 1.1 Tek To PICT Window 1.3
Figure 1.2 Edit Menu 1.4
Figure 1.3 File Menu 1.4
Figure 1.4 Directory Dialog Box 1.4
Figure 1.5 Replacement Dialog Box 1.5
Figure 1.6 Options Menu 1.5
Figure 1.7 Show Info Dialog Box 1.6
Figure 1.8 Tek 4010 Error Message 1.7
Figure 1.9 PICT File Error Message 1.7
Figure 1.10 Vector Graph Window 1.9
Figure 1.11 Load Frames Icon 1.9
Figure 1.12 Pictxcmd Dialog Box 1.10
Figure 1.13 Singular Step Button Icons 1.10
Figure 1.14 Run Movie Icon 1.10
Figure 1.15 Speed Dialog Box 1.11
Figure 1.16 Delete Stack Icon 1.11
Figure 1.17 File Menu 1.11
Figure 2.1 Frame Magnification Dialog Box 2.1
Figure 2.2 Magnification Warning Message 2.2
Figure 2.3 Select Frames Dialog Box 2.2
Figure 2.4 File Menu 2.3
Figure 2.5 Options Menu 2.4