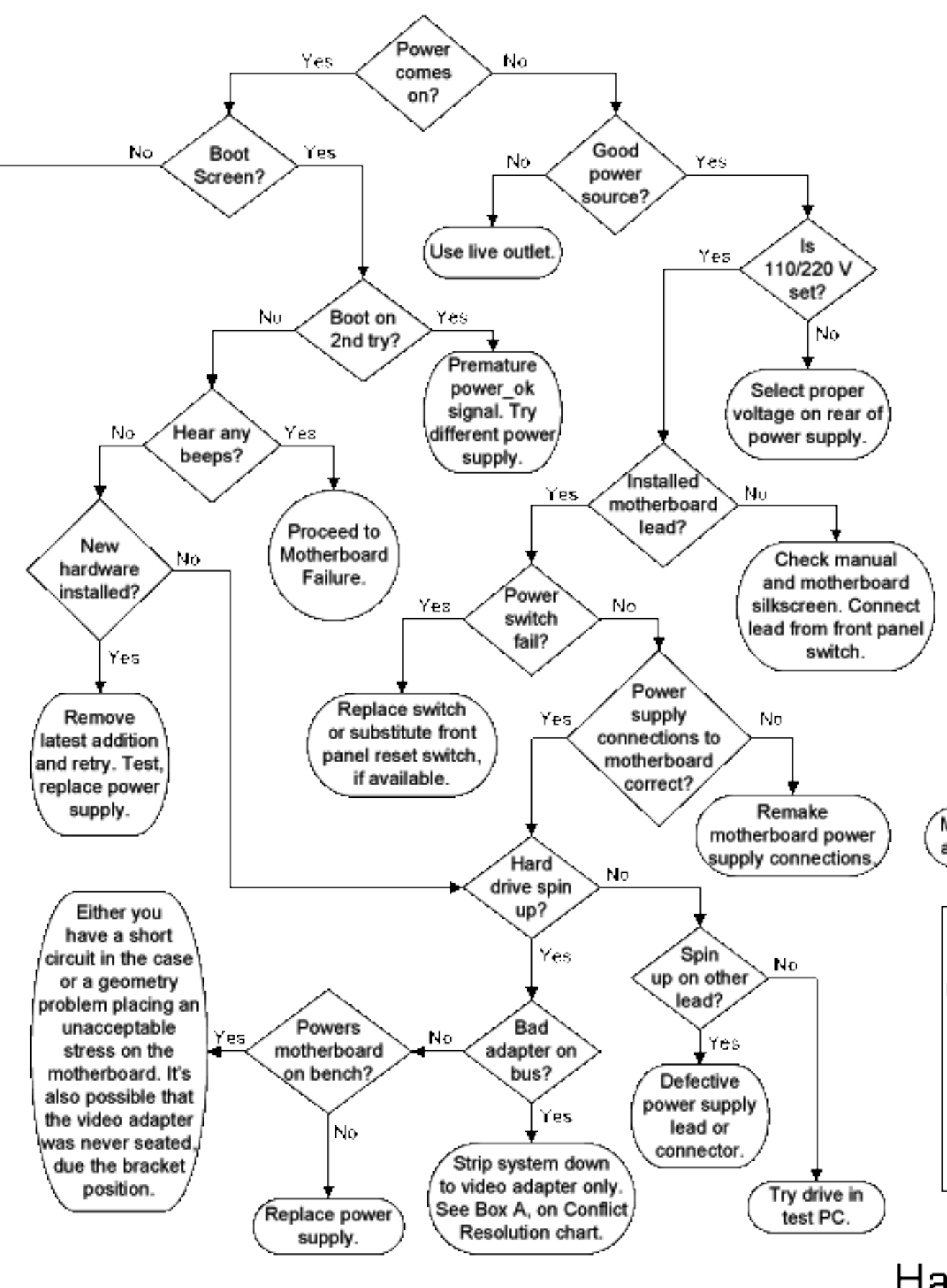


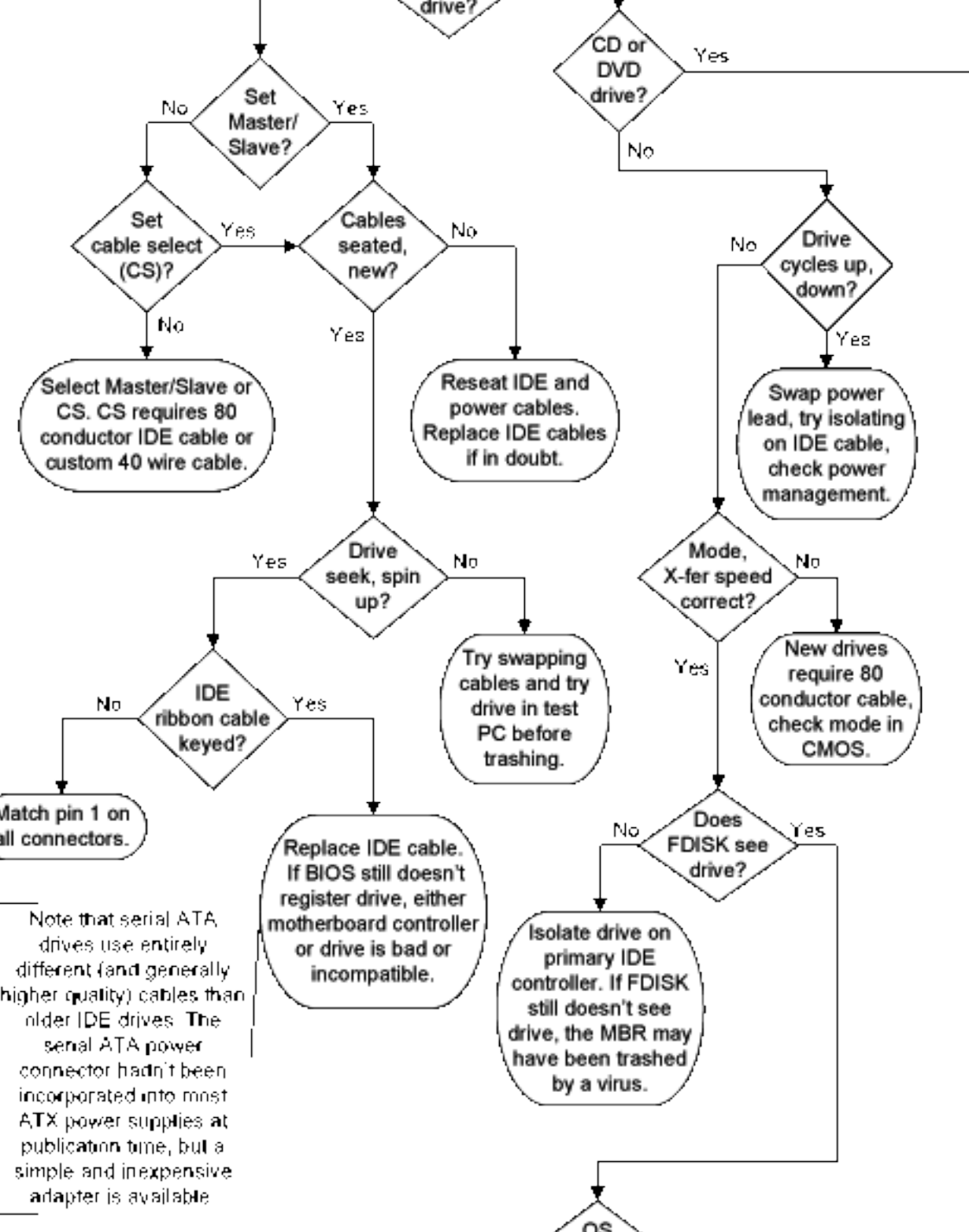
Please Read

The author has done his best to provide accurate and up-to-date information in this Boot Failure Troubleshooting Flowchart, but he cannot guarantee that the information is correct or will fit your particular situation. This poster is supplied with the understanding that the publisher and the author are not engaged in rendering professional or engineering services. If expert assistance is required, the services of a competent professional should be sought.

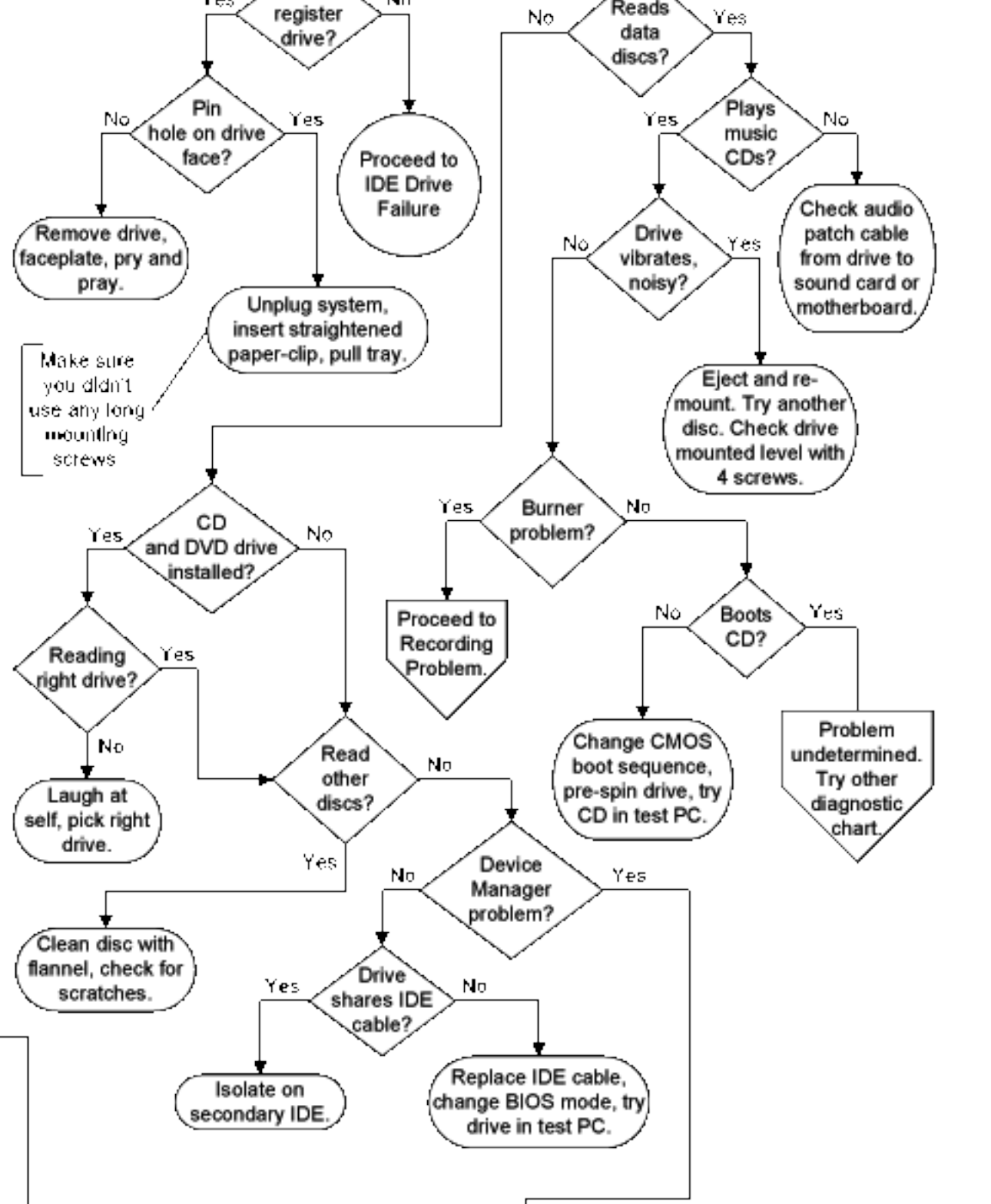
Power Supply Failure



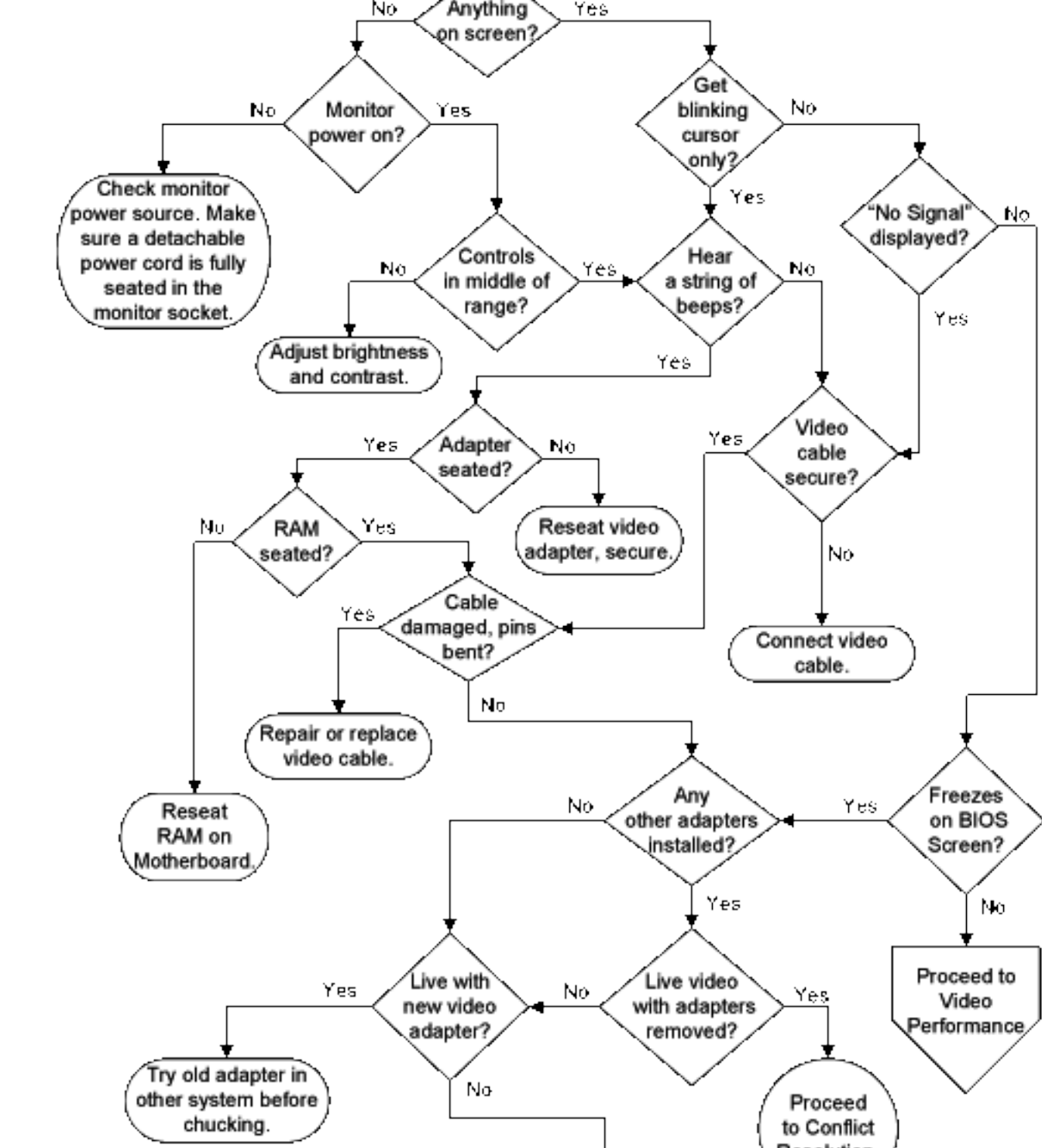
IDE Drive Failure



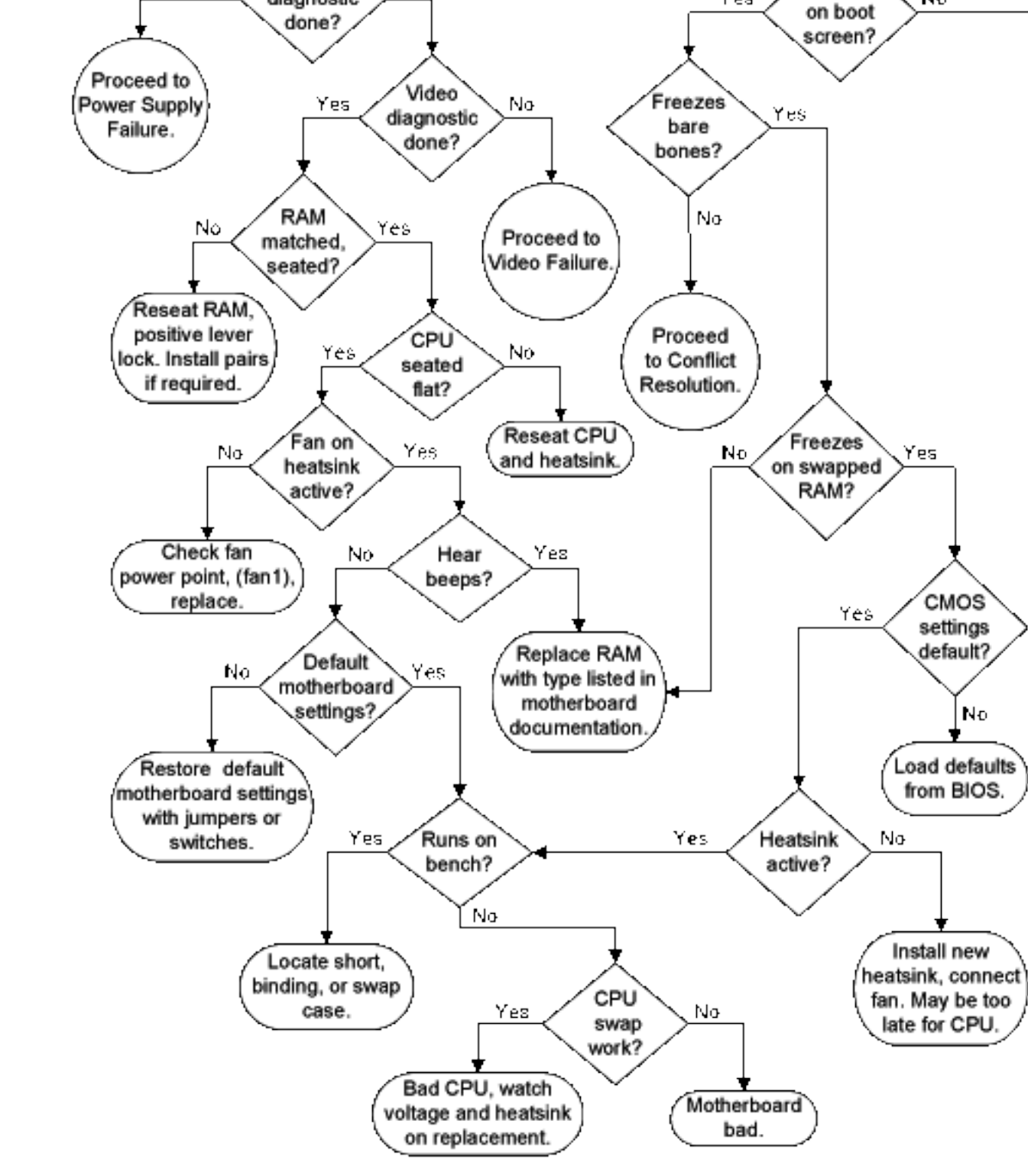
CD or DVD Playback



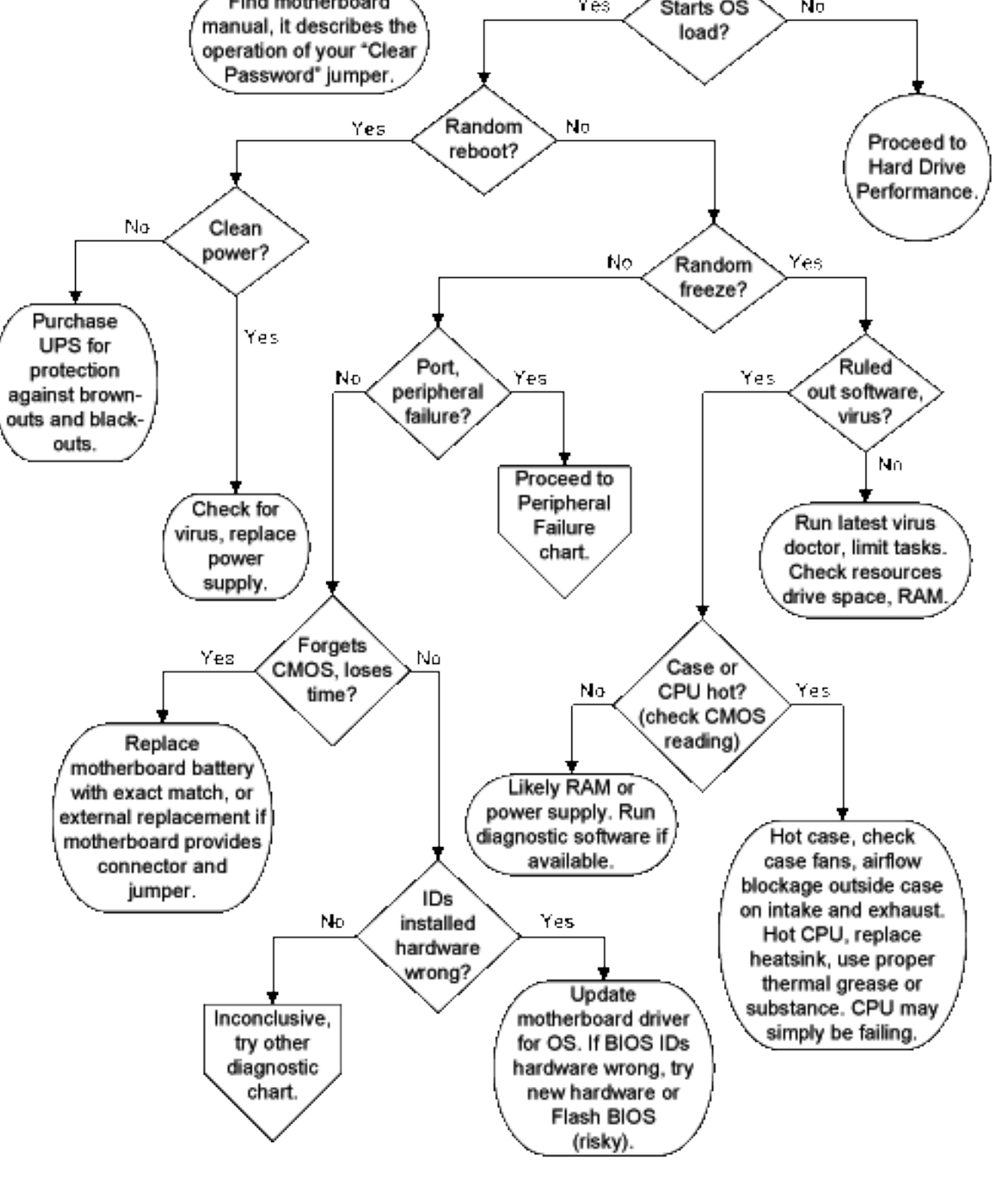
Video Failure



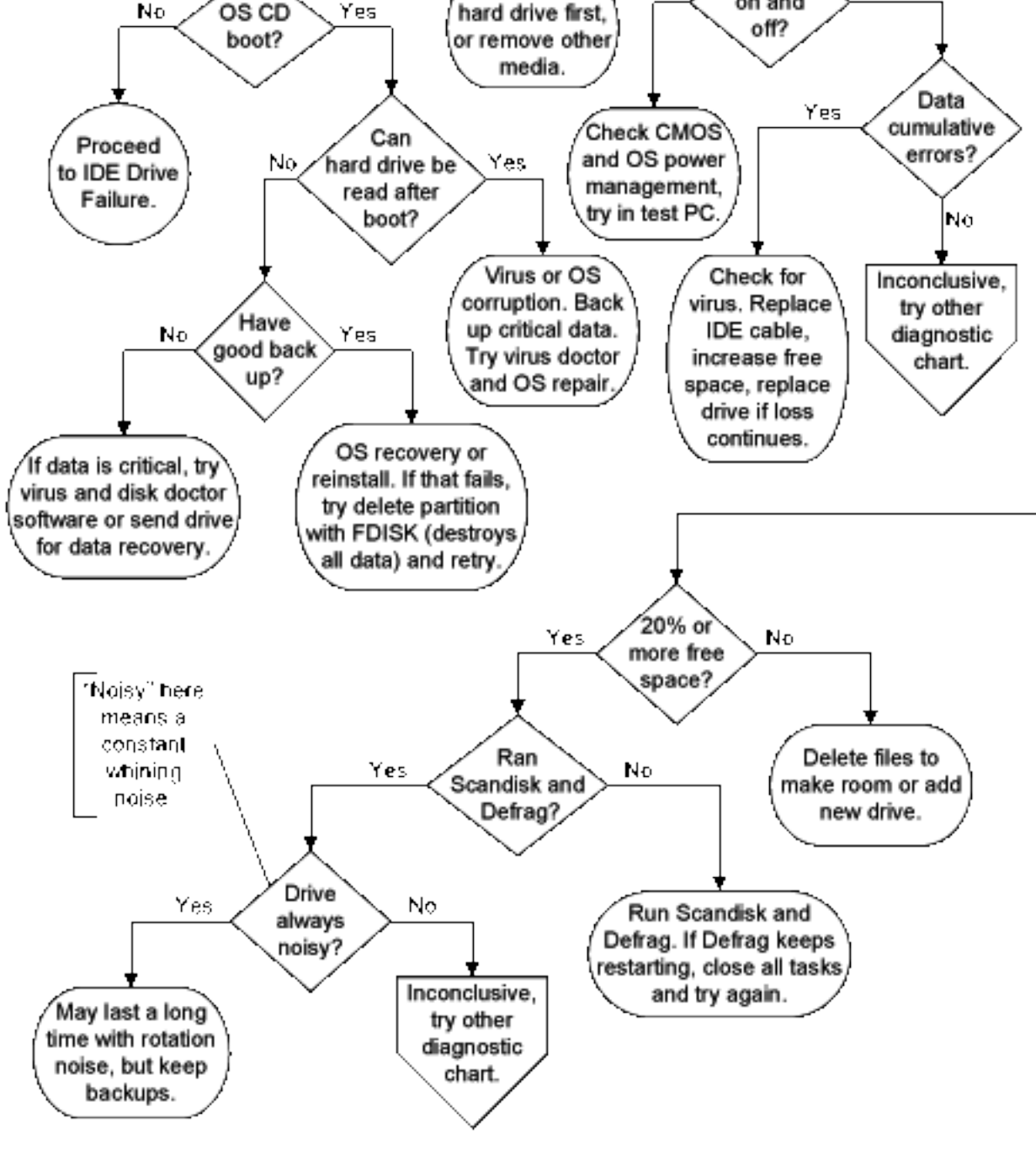
Motherboard, CPU, RAM Failure



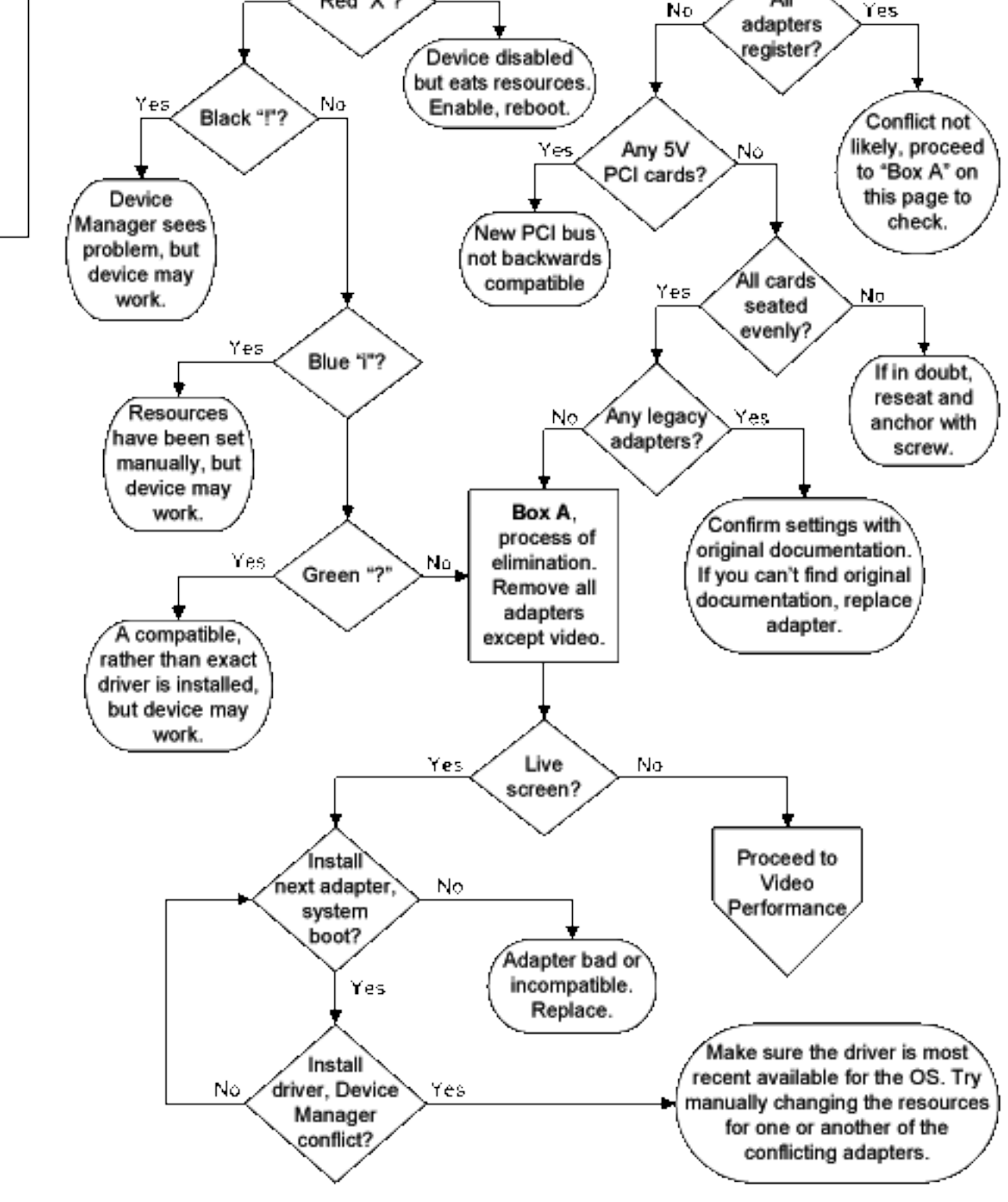
Motherboard, CPU, RAM Performance



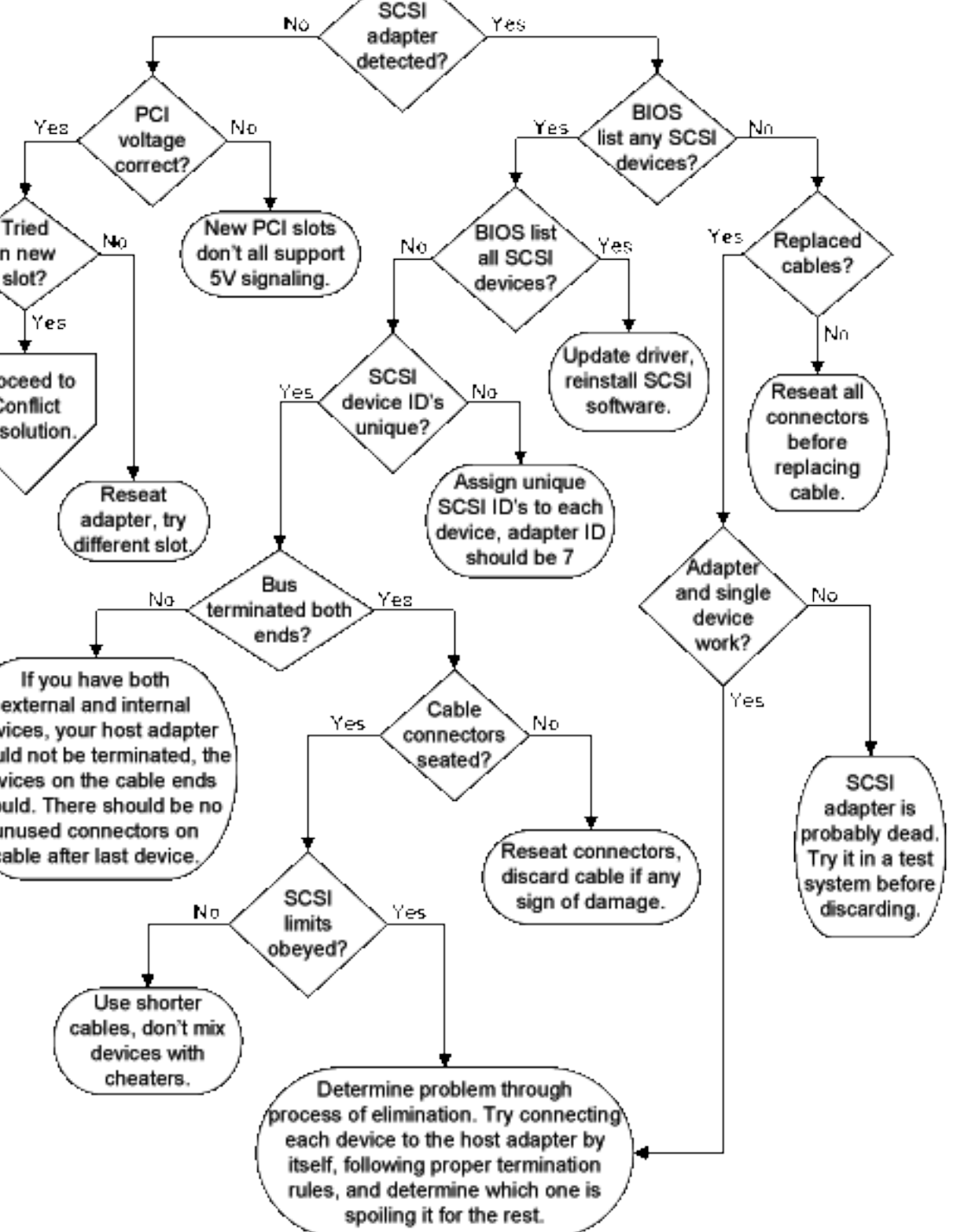
Hard Drive Boot and Performance



Conflict Resolution



SCSI Failure



20 Pin Power Supply Motherboard Connector

Table with 2 columns: ATX Version 1.2 and Pin numbers. Lists pins 1-20 and their corresponding voltages (3.3V, 5.0V, 12.0V, GND, P\_OK, VSB).

Video Pinout

- List of 15 video pinout types: 1 - Red, 2 - Green, 3 - Blue, 4 - Monitor ID, 5 - Ground, 6 - Red Return, 7 - Green Return, 8 - Blue Return, 9 - No-Connection, 10 - Sync Ground, 11 - Monitor ID, 12 - Monitor ID, 13 - Horizontal-Sync, 14 - Vertical-Sync, 15 - Monitor ID.

SCSI ID's

Table for SCSI ID's showing ID bits ID3, ID2, ID1, ID0 for IDs 0 through 15.

Standard Color Coding

Table for Standard Color Coding mapping colors to voltages: Black (Ground), Orange (3.3V), Red (5.0V), Gray (P\_OK), Purple (5.0VSB), Green (P\_ON), Yellow (12.0V), Blue (-12.0V), White (-5.0V).

LIST OF FLOWCHARTS FROM BOOK "COMPUTER REPAIR WITH DIAGNOSTIC FLOWCHARTS" NOT APPEARING ON POSTER

- List of flowchart topics: VIDEO PERFORMANCE, CD OR DVD RECORDING PROBLEM, MODEM FAILURE, MODEM PERFORMANCE, SOUND FAILURE, SOUND AND GAME CONTROLLER PERFORMANCE, NETWORK FAILURE, PERIPHERAL FAILURE.

A note about the book. The book was not designed to be read from cover to cover. At the core of the book are seventeen diagnostic flowcharts, and the sole purpose of the text is to expand upon them. The flowcharts themselves are necessarily written in short-hand form, to fit a meaningful number of decision points on a page. A linear text is simply not possible due to the decision tree structure of the flowcharts. The diamond shape for each decision point in the flowchart is repeated in the outer margin of the pages following the flowchart. This marks the section of text that explains the action in more detail.