

This document refers to a box of technical reports in the Computer History Museum's collection, described under catalog number 102748585.

The following technical reports in this box have accompanying descriptions:

Visual enhancement techniques

"The visual enhancement or encoding techniques reviewed in this memo are presented in the table with an estimate of the least confusing number of levels of each. Each technique is reviewed in the attachment with comments on specified problem areas."

Response time

"This report discusses the effects of delays on both user performance and user satisfaction. Different types of response time are discussed and commented on. A summary of design goals on response time is included."

Cursor

"This report discusses the basic function of the cursor, its general qualities, and the relationship between the cursor and other keys or control devices."

Scrolling

"Scrolling is a method of overcoming over-filled content which is greater than the screen capacity by scrolling vertically and horizontally on the screen."

Display format

"The main purpose of display format is ensuring the communication between the operator and the computer, organizing and structuring in a form which is adequate to the task and the reference of the operator."

Feedback

"Keyboarding actions are confirmed by 3 basic feedback sources: kinesthetic (touch, position, and movement), auditory, and visual. All are important to the operator by informing him of readiness for the next operation."

Reply on further questions on display enhancement coding

“This is a memorandum replying to Dick Rubinstein regarding visual enhancement techniques. The final page of the memo is from an IBM report comparing color mixtures with known color ‘defects’ in humans.”

Comparison of the German standards display characters with the VT100 display characters

“The included tables compare the VT100 with the DIN 66234, part 1; item by item.”

Display characters

“This study deals with the electronic display of characters and how they differ from printed characters in visibility, legibility, and readability.”

Surface finish of the key tops

“The surface finish of the key tops is a very important factor to the operator. Gloss and matte finishes are discussed in order to show which is recommended.”

Keyboard (profile, slope, thickness, width, depth)

“In this section, keyboard slope, height, shape, width, and depth are discussed.”

Observation of IBM “Electronic Typewriter 50”

“Comments on the IBM ‘Electronic Typewriter 50’.”

200 family human factors information and requirements

“These design recommendations for the VT200 family are taken from the ID/HF Development Program.”

WS200 word processor keyboard H.F.

“This report covers Human Factors information and requirements for the WS 200 word processor keyboard.”

LA12 terminal portability report

“The goal of this research report is to provide data for a decision on the LA12 case.”

Comments on CT200 keycap samples

“Memo to Dick Gonzales et al re keycap samples, April 1, 1982.”

CT100 keyboard human factors

“Much of this information was taken from "200 Family Human Factors Information and Requirements", Oct. 8, 1980. (DEC-TR 154)”

Keyboard color study

“The goal of this study is to provide background data for a decision on the color of keycaps and keyboards.”

Keyboard standards study

“The goal of this study is to recommend the most suitable layout, arrangement, and labels for alphanumeric, cursor, and numerical keys for a "next pass" keyboard, based on information obtained from keyboard standards.”

Competitive analysis on key complement of keyboard

“This competitive analysis addresses two questions: (1) the physical separation of typing, cursor, editing and number functions, and (2) the shear number of keys on a keyboard.”

Return key and delete key

“This report is a rebuttal by Industrial Design/Human Factors to the 200 Keyboard Steering Committee decision of July 10, 1981, that the DELete CHARacter key and the RETURN key for the 200 family keyboard is wrong.”

Key command analysis of the VT100 W.P. and competitors

“A comparison of four word processors: the Digital VT100 Word Processor, the IBM Displaywriter, the Xerox 850 Page Display, and the Wangwriter.”