

December 15, 1958

TO: Mr. H. G. Kolsky

SUBJECT: SIGMA Performance Compared to Other Computers

597R

REFERENCE: Your File Memo of November 20, 1958

This is a very impressive analysis of how effective STRETCH speeds relate to the design parameters that we normally talk about. I know you have been putting pressure on the engineers to beef up the machine in the areas in which a little expenditure would do the most good. Can you say what single technological improvement would show the most benefit on STRETCH? In other words, I would like to see your analysis used to build fires in the right places in both Research and Product Development. Please send a copy of your memo to Jack Kenney, Jr. I am sure that he would be interested.

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D. W. Pendery

DWP:jbm

cc: Mr. D. W. Sweeney

impl: res + component
mark: (best thing the out in tech)
 - components - faster work
 - large memories
 - faster work

assuming maintain of ...
one could increase STRETCH then to.
STRETCH must really new des ... if the are had.

copy memos.
 1. - 4X large boxes
 2. - copy a. a. 200ft

Top level
Steps of studies on STRETCH - fundamental
- typical design effort. - auto design -