

✓ Copies to MMK + Gayle Curt's
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Consultant to:
Energy and Advanced Technology Group
Westinghouse Electric Corporation

11 February 1985

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Professor John Chowning
Professor of Music
Director CCRMA
Stanford University
Stanford, CA 94305

Dear Professor Chowning:

My disposition toward your project is of small import since Unimation Incorporated is now a wholly-owned subsidiary of Westinghouse Electric Corporation. It will be my pleasure to forward your request for hardware support to Mr. C. A. Sadlow, Chairman of Unimation.

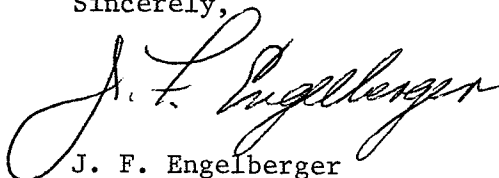
I enjoyed the video of a PUMA dancing to live accompaniment on public television. The more ambitious combination of human dancers with a couple of robot artists is intriguing and at the very least should be great fun. Computer music is the icing.

Having read a bit about the centuries-old problem of precisely recording choreography, I must conclude that the restricted flexibility of a robot should ease the notation challenge. (We already use the word choreography when programming a number of robot arms to work in close cooperation.)

Rather than let my intellectual interest mislead you, let me close by observing that the industrial robot scene is brutally competitive today with corporate giants struggling for position. Robotics is not creating a pool of discretionary funds as have computers and xerography. Your work is cut out for you.

Good luck!

Sincerely,


J. F. Engelberger

JFE/p