Room 26-265
Feb. 8, 1963

Mr. George A. Michael
Theoretical Physics Group
Lawrence Radiation Laboratory
Livermore
California

Dear Mr. Michael,

Accompanying are various tapes you desired.

a,b) symbolic ("English") of Harmony Compiler Phase 1
and Phase 2

c,d,e) Compiler INTERMEDIATE tapes for Bach's Trio Sonatas
nos. 1, 3, and 4

f) binary tape of Trio Sonata no. 2

Note that the intermediate tapes are each in three movements
to be batch-compiled. I chose to send intermediate tapes because
they are the shortest form of the information and hence least
error-prone; the one binary Sonata is included in case you have
trouble with the Compiler.

Section I.D.9 has been generated for the Compiler Blurb.

I.D.9. tempo. The tempo of a piece may be expressed to the
9   Compiler by the command "tempo", followed by a number com-
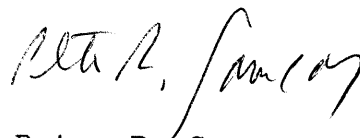puted as follows:

$$n = \frac{2930}{mf}$$

where m is Maelzel's metronome count for a f note:

i.e. if =60, then m=60 and f=1/4; or =110 means
m=110, f=3/16. The number n may not be larger than 682. The
tempo may be changed at any point in the music; it will be taken
=170 if none is given. A "tempo" command appearing in any voice
will be applied to all voices; hence only one line used need
contain tempo information.

I would very much enjoy receiving copies of any interesting
music tapes you produce, and information as your "eyeball" pro-
ject develops; and feel free to contact me if you have trouble

with the Music System. It will be a point with me to send you
the remaining Trio Sonatas 9nos. 5 ad 6) as they are prepared,
as well as revisions and improvements of the Compiler and its
whiteup.

Yours truly,

Peter R. Samson