

Officers Mess

Royal Air Force

Shawbury

Shrewsbury

27<sup>th</sup> September 1955.

Dear Tom,

Here is the latest issue of the Folk Dancer. You will be most interested in the comments on the Fisteddled; they seem to me to be reasonable ones, even those on Miss Alford's interests (centre p 92) are not violently expressed.

The analytic notes on rhythm should be a useful introduction to the subject. The usual pinches of salt have to be administered of course. While the next to the last ~~of~~ paragraph, on time-signatures, is strictly correct, it

does not take into account normal musical practice. The time-signature is usually given as a number of crotchets (9) per minute. Thus, ~~if~~ if no time-signatures were given in the examples on P 88, one would assume that there was some relation between no of crotchets per minute to played in the two cases, in fact the second would be played at <sup>between  $\frac{1}{2}$  &</sup> ~~about~~  $\frac{2}{3}$  the speed of the first.

However it is permissible to state, as in done in the second example, that there are to be 120 minims per minute, ( $d = 120$ ). In the following table which relates time-signatures to tempos the numbers refer to crotchets per minute.

Presto	208 - 180	Adagio	125 - 97
Allegro	180 - 150	Larghetto	97 - 70
Andante	150 - 125	Large	70 — .

I had a most enjoyable time at Exeter and came back full of enthusiasm. Since then I have been working on the second part of my thesis; I am afraid that some errors managed to creep in in the last frantic rush, and I must clear them up before sending the work off for publication. I should be most grateful if ~~I~~ you could have a <sup>filmstrip</sup> copy of Busemann's long paper made for me. The details are: Busemann, H. 1944. Local Metric Geometry. Trans. Amer. Math. Soc. 56: 200-274.

When I have sent this work away I shall start on another problem which Prof. suggested to me. It is the problem of discovering under what conditions the one parameter subgroups of a Lie group cover the space. #

You must let me know what information you got on your last visit to Scotland.

Cheerio

Frank