CHAPTER X

A. Action in Time

etc., of the preceding chapter) we already encountered certain deviations from the normal bipartite and tripartite metrical schemes. In the division of metrical units by 5, 7, etc., (quintuplets, septuplets,

5, 7, etc., are also possible. cation, compound measures based on fractions with the numerators But since division, as we know (see p. 115), can be replaced by multipli-

This leads us to the construction of $\frac{5}{16}$, $\frac{5}{8}$, $\frac{5}{4}$, $\frac{7}{2}$, $\frac{7}{16}$, $\frac{7}{8}$, $\frac{7}{4}$, $\frac{7}{2}$. Theoretically, forms like $\frac{11}{4}$, $\frac{13}{8}$, etc., are also possible, but they are not practicable, more legible forms (${}^{11}_4$ as 6_4 | 5_8 ; ${}^{13}_8$ as 4_8 | 5_8 | 4_8 , etc.). The accents in the 5- and 7-compounds are: since through sub-groupings these meters can be written in shorter and

In slow tempo, the accents in a 7-compound may even be felt as:

NOTATION: In measures with or as the metric unit the distribution of accents can easily be shown by the position of the beams.

([and often leaves the

bar-line before the subordinate accent will contribute to the clarity of such cases: performer without a hint as to where the accents are. If necessary, an auxiliary

auxiliary bar-lines are indispensable: 12 in its time-signature, but with the accents placed as in $\frac{5}{4}$ or $\frac{7}{4}$. Here add up to a regular compound with one of the higher numerators 8, 9, or Sometimes other irregular metric groupings occur, the notes of which

Notation: The relationship that exists between 6_8 and 2_4 , 8_8 and 3_4 , etc., we find again between $^{15}_8$ and 5_4 , and consequently in all other compounds where

metric equations similar to
$$\frac{3}{12} = \frac{1}{4}$$
 (written: $\frac{3}{8} = \frac{1}{4}$,

and players following a conductor, in respect to the first beat of the measure. This can be avoided by conducting $\frac{5}{4}$ ($\frac{5}{8}$, $\frac{5}{16}$, $\frac{5}{2}$) and $\frac{7}{4}$ ($\frac{7}{8}$, $\frac{7}{16}$, generally divides them up into groups of 2, 3, or 4 beats, according to the one, is indicated by a down-stroke, a certain ambiguity arises for singers position of their accents. Since in this case each accent, even a subordinate In beating time for all the aforementioned compound measures one

In very fast tempo they can be beaten as defective two-beat measures:

beat $\binom{7}{4}$ measures may facilitate their performance Sometimes even conducting them as defective three-beat $\binom{5}{4}$ or four-