mapping music
mapping music: J.S. Bach Three Part Movement
Klee demonstrates rhythm in graphic terms.
Mapping rhythm
MOVEMENT

represent years, days, or fractions of seconds. A diagram will elucidate this method of time-measure-

\[ \begin{array}{cccccccccc}
A & & & & & & & & & \\
& & & & & & \text{B} & & & & \\
& & & & & & & & \text{C} & & \\
\hline
1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11
\end{array} \]

FIG. 1.—Scale of hours. Time measurement.

ment. Suppose we require to express the order and sequence of three events, A, B, C, which occur during a period of 11 hours. Their respective time relations are expressed most clearly by the three lines A, B, C, and by the scale of hours which accompanies them. It may be seen by a glance at the diagram that the event A commences at 2 o'clock and finishes at 10 o'clock (its total duration is, therefore, 8 hours); that B, commencing at 6 and ending at 11 o'clock, has lasted 5 hours; and that C, commencing at 5 o'clock and ending at a 1/4 past 8, has only extended over a period of 3 1/4 hours. The sequence of these events is accurately expressed by the divisions on the scale, which correspond to the beginnings of the different lines.
record of two airs (A & B) played on the keyboard of a harmonium.

chronographic record of the periods of contact of the feet of a man executing various paces.

mapping movement: diagrams by Etienne-Jules Marey
organ note increasing in volume

mapping water and air
Le Corbusier was formulating his theory of a new architecture and beginning to incorporate it into his buildings. It was not until his later work that he began to incorporate ideas of musical proportion, composition, and synthesis into his built works. The development of the modolor as a new system of proportion based upon the human body may be seen as an extension of similar systems of proportion within the realm of the mathematical/scientific analogy between various art forms. His work as a painter and sculptor undoubtedly provided insight into compositional methods of these arts and their subsequent application in architecture, as can be seen in the analysis of his paintings and buildings...

Yolanda Cole
Frozen Music: The Origin and Development of the Synesthetic Concept in Art