Instrumentation

- 4 flutes (1-4 also piccolo)
- 4 ohoes
- 4 clarinets (4th also clarinet Eb)
- 3 hassoons

contrahassoon

- 6 horns*
- 4 trumpets
- 4 trombones
- tuba

piano (2 players - if possible percussionists)**

- 14 first violins
- 14 second violins
- 10 violas
- 10 violoncellos
- 8 contrabasses (1st, 2nd and 3rd with fifth string)

The clarinets, clarinet in E^b, and horns are notated as they sound. Piccolos, contrabassoon and contrabasses are notated in the usual octave transpositions (even the harmonics in the contrabasses)

The bar-lines in this piece are purely a means of synchronization of the individual parts and an aid to temporal articulation. There is no such thing as a beat in the sense of metrical pulsation. Therefore, the beginning of a measure does not mean an accentuation. The piece should be played completely without accent, with the exception of a few places which are specially marked.

- * Besides the usual mute, "scraps" (a soft cloth, tightly stuffed into the bell) are required for the horns (see cue J).
- ** The piano is to be placed as near as possible to the trombones. The top is to be removed. Before beginning the piece, the piano pedal is to be depressed and secured with a wood wedge or a suitable weight. The piano part is to be performed by two players standing as follows:



If possible, two pianos should be used instead of one. In this case, the second player stands at the second piano in the same manner as the first player at the first piano.

The piano part consists entirely of sounds made by sweeping across the strings. The necessary tools are: a pair each of wire brushes (those used by jazz drummers), thick, soft, wadded cloths, and two pairs of brushes for each player. For the lower and middle strings it is best to use large clothes-brushes of horse hair, very compact and not soft; for the higher strings smaller brushes, for example rather hard nail brushes, their size depending on the available space in the piano. The sweeping motions are to be so performed that a soft, completely continuous and balanced sound is created, without any glissando character and without a trace of periodicity. This is best achieved in the following way: the strings are swept very slowly by both players at the same time, diagonally and in contrary motion:



The full surface area of the brushes is to be used, so that they cause as many strings as possible to vibrate at the same time. The sound should be clearly audible; therefore the brushes ought to be pressed rather forcefully against the strings. The tools, one in each hand, are to be employed continuously, not in a parallel fashion. Passing over from one hand to the other should not be noticeable. When one hand has reached approximately the mid-point of the motion, the other begins; when this one reaches the mid-point, the first ends and begins again immediately:



The placing of the jazz brushes on the strings should not be heard. The changing from jazz brushes to brushes and from brushes to cloths should be unnoticeable: while one hand still uses a jazz brush, the

other switches to one of the brushes, etc. If the piano is too resonant, the jazz brushes will stand out too harshly; therefore, they can be omitted, the player using clothes brushes from the beginning. On the other hand, with pianos that have a weak tone, one should leave the cloths out and perform the closing diminuendo with clothes brushes only

If only one piano is used, the passage where the highest strings are played upon (meas. 93 - 96) is performed by the 1st player only. If two pianos are used, this passage is also played by both performers at the

Remarks concerning rehearsal

All entrances are to be played imperceptibly and dolcissimo. The winds especially must always enter unobtrusively. The differences between "sul tasto" — "ordinario" — "sul ponticello" in the strings are to be maintained with exaggerated exactness. Not a single instrument is to play without mute in the "con sordino" places for strings (this applies especially to the contrabasses!), since, because of the total divisi, every instrument is heard and a single unmuted one will stand out readily.

The overall form of the piece is to be realized as a single, wide-spanning arch — the individual sections melting together and subordinate to the great arch

Cue A, meas. 8 - 9: At the transition to the new section, no change of bow in Viola 5 - 10 and Violoncello 5 - 10. Imperceptible change of bow in Viola 1 - 4 and Violoncello 1 - 4, so that the impression of a legato is created. (Perhaps VIa 1 - 4 and Vc 1 - 4 could also tie without change of bow)

Cue G, meas. 39 - 40: The contrabass entrance follows the piccolos immediately, without a caesura.

Cue H. meas. 44: This can also be conducted in 4/4 (J = 60 or less).

Cue P, meas. 76 - 77: The "air passage" in the brass is not to be treated as the beginning of a new section but as the continuation of the viola passage. For that reason the brass passage must sound still softer than the viola passage; everything very delicate, on the threshold of inaudibility; even the crescendi must be very quiet and stay within the dynamic level (pppp).

If the passage cannot be played softly enough by the horns and tuba, those instruments should be left out. In this case, trumpet 3 plays the two measures in the horn 1 part, and trombone 3 plays the horn 3 part (horns 2, 4, 5, 6, trumpet 3, trombone 3 and tuba are thus left out). The other brass instruments play their parts as written. The impression of a new beginning should not be created until the piano entrance in meas. 77.

Cue T, meas. 88: This can also be conducted in 4/4 (J=80). In performances so far, this whole section (from cue T onl has usually been played too loud. The listener should perceive only a few instruments distinctly: the flutes, then the piano, and finally the trombones, tuba and piano. The glissando harmonics in the strings must be played at the borderline of inaudibility, "softer than possible", the bow scarcely touching the string and exaggeratedly sul tasto. Even if one tone or another does not speak, this is not nearly so bad as for a tone to stand out by being too loud. Individual parts must not be noticeable as such; they must all fuse into a delicate veil of sound.

The contrabasses must play softly, as must the violas (whose C string is too much audible); and especially the violoncellos 2 and 3, whose C strings speak still louder and could give the impression of a seventh-chord on C. The seventh-chord effect must be avoided at all costs (since the combination of parts makes the sound veil neutrally chromatic). If violoncellos 2 and 3 are separately audible and cannot play more softly than the other strings, they had better be left out here.

Meas. 98 - 102: The lowest pedal tones in the trombones may be difficult to play at first, but they can be played faultlessly if practiced a little. The intensity of the four trombones and tuba must be so adjusted that the pp is completely equal, and no instrument stands out. The piano plays a shade louder, but the trombones and tuba must be distinctly audible too, as a unit.

The ending: The piano should be distinctly audible until meas. 106, after which a gradual diminuendo follows; in meas. 107 the piece fades away as it were into nothingness.

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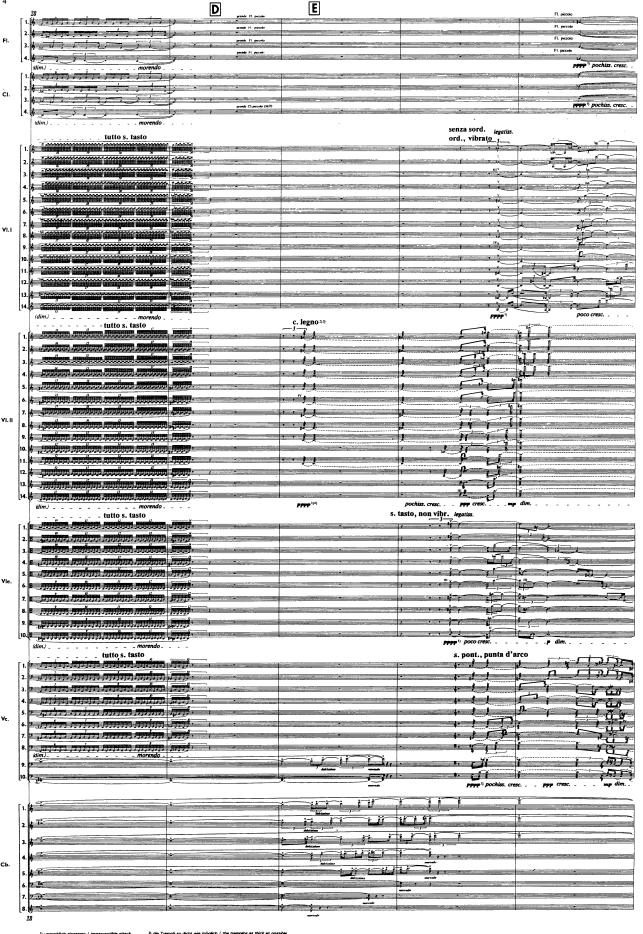
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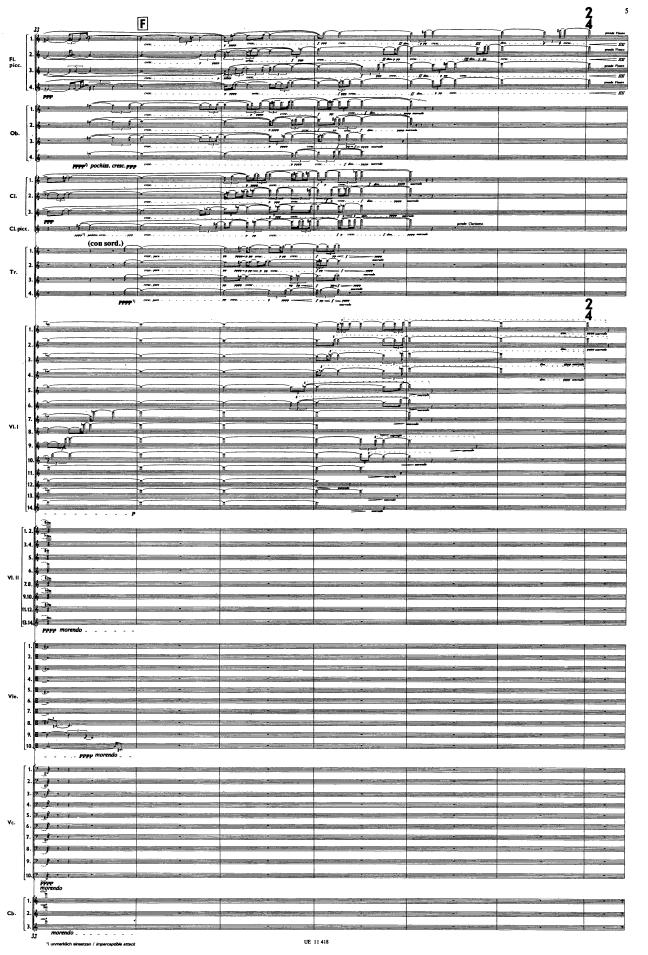
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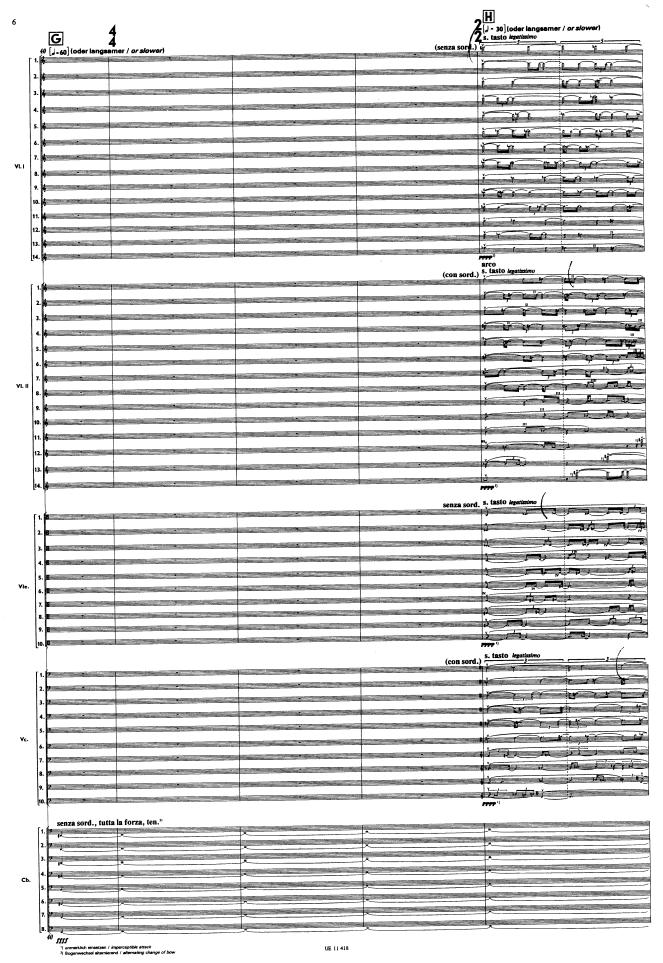
1) Den Ton halten, fells möglich, aber keinesfells noch einmal anblasen. (Wenn die Luft nicht ausreicht, lieber etwas früher aufhören.) / Hold the tone if possible, but in no event attack again. (If the breath does not suffice, it is better to stop a bit early.)

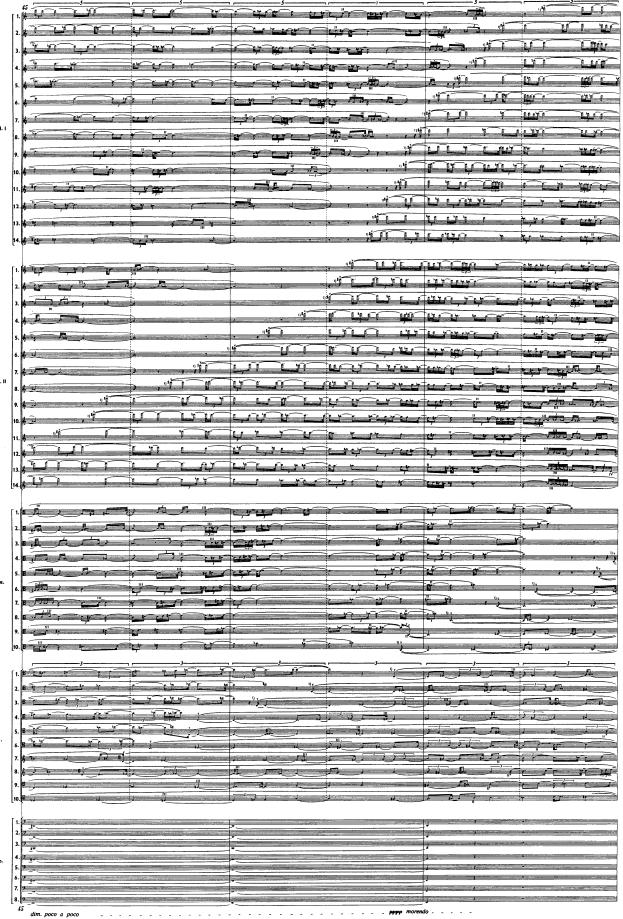
2) Bogenwechsel unauffällig, selten und alternierend (möglichat nicht nach dem Taktstrich). / Change of bow inconspicuously, seldom and alternating (as much as possible not with the bar-line).

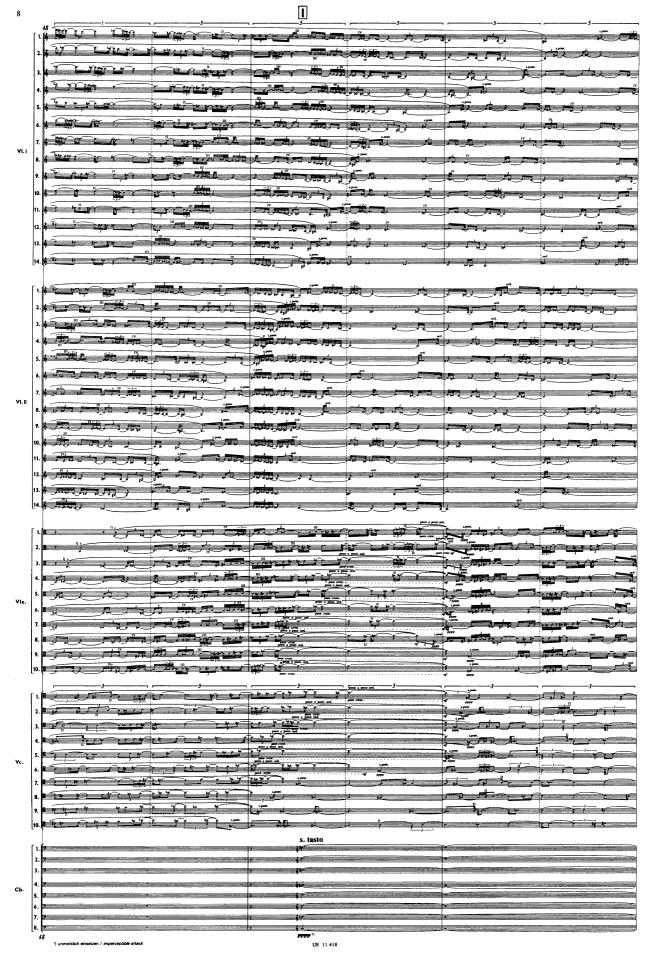


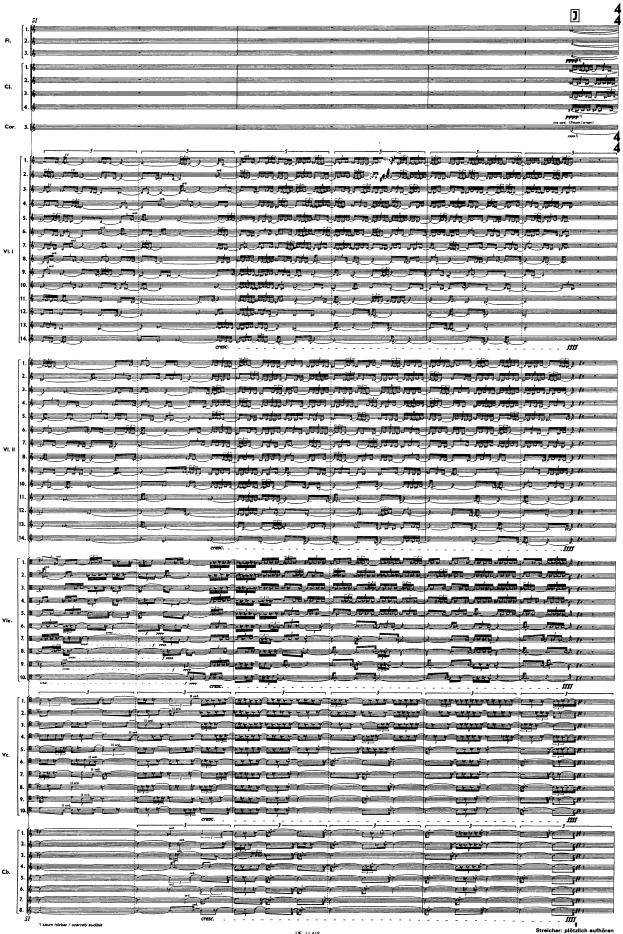






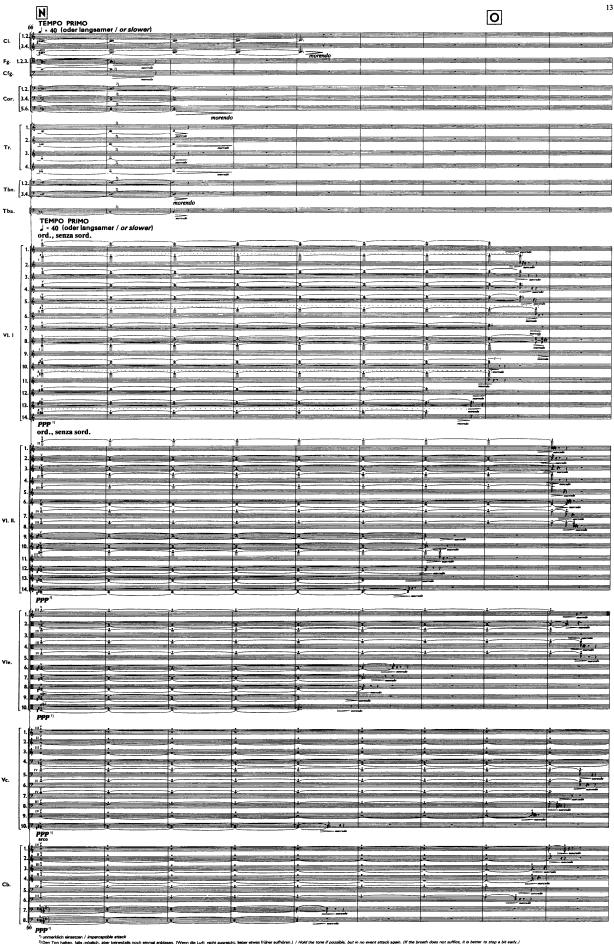


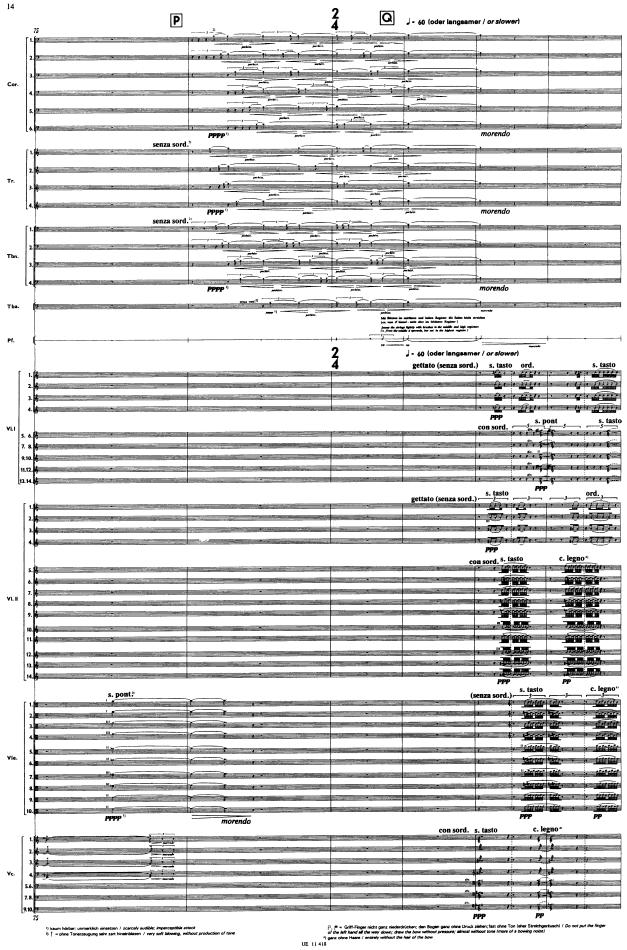


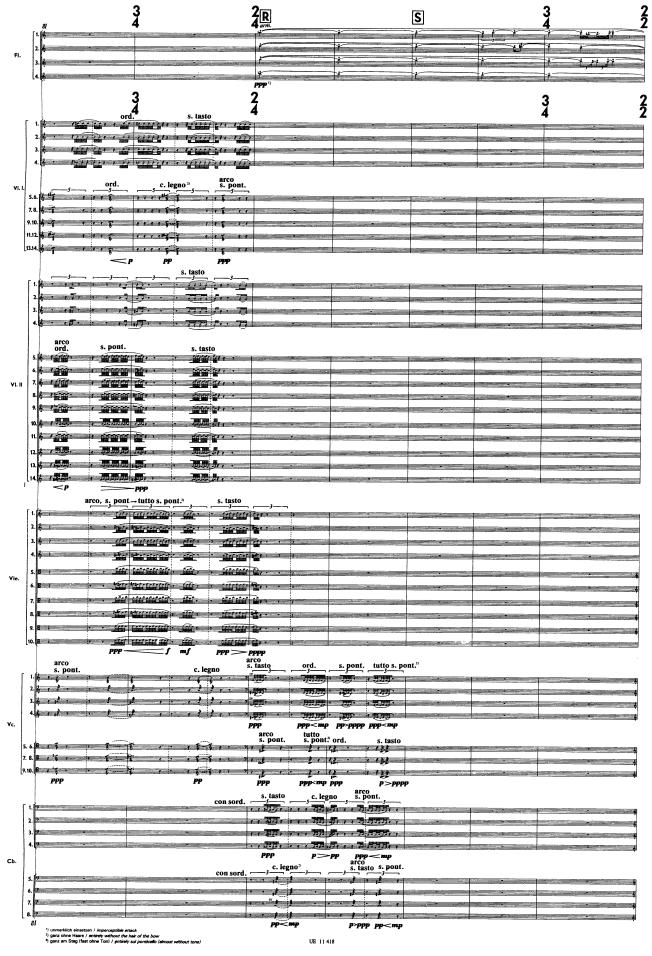




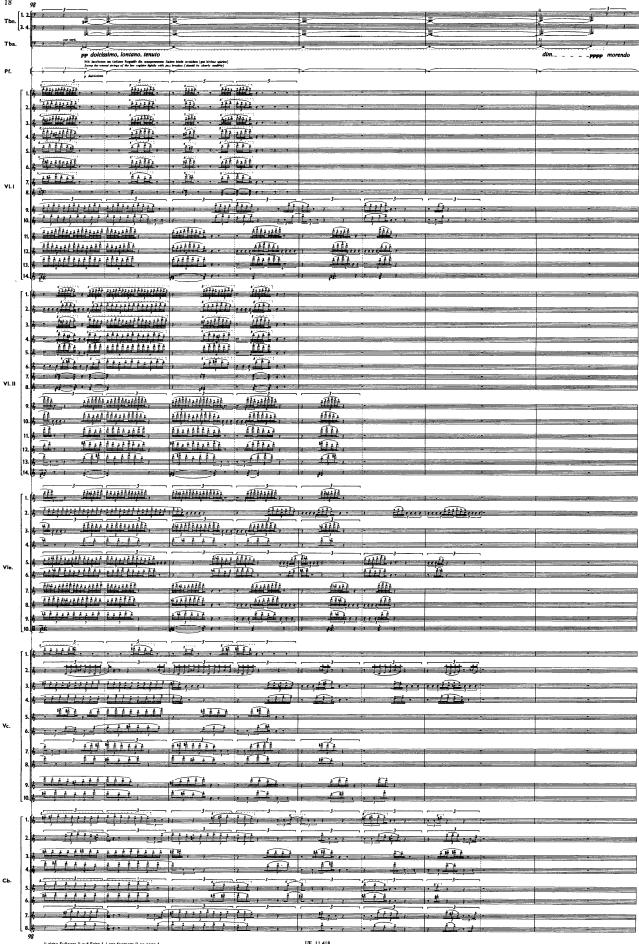








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