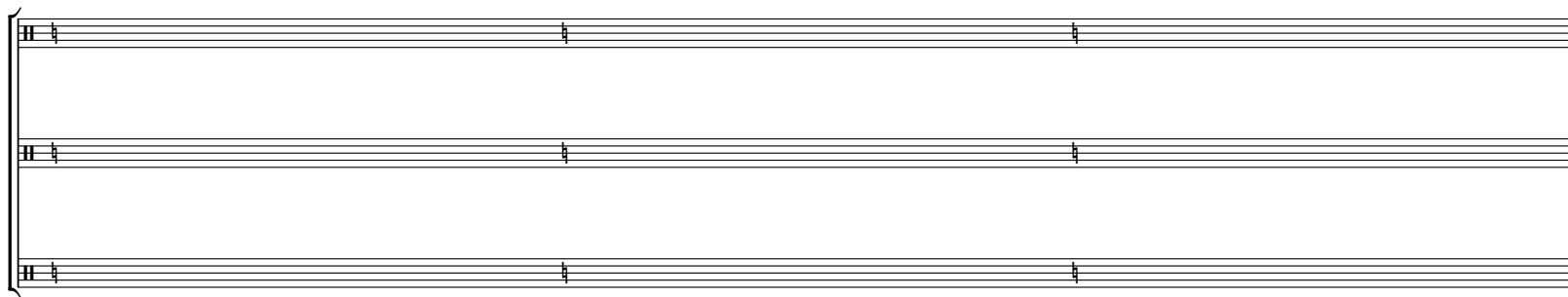


AI spans of time

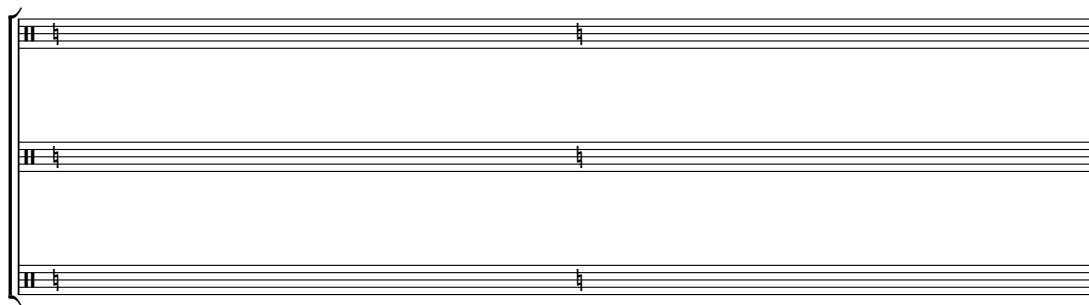
$\frac{2}{4}$ ♪ = 72



④

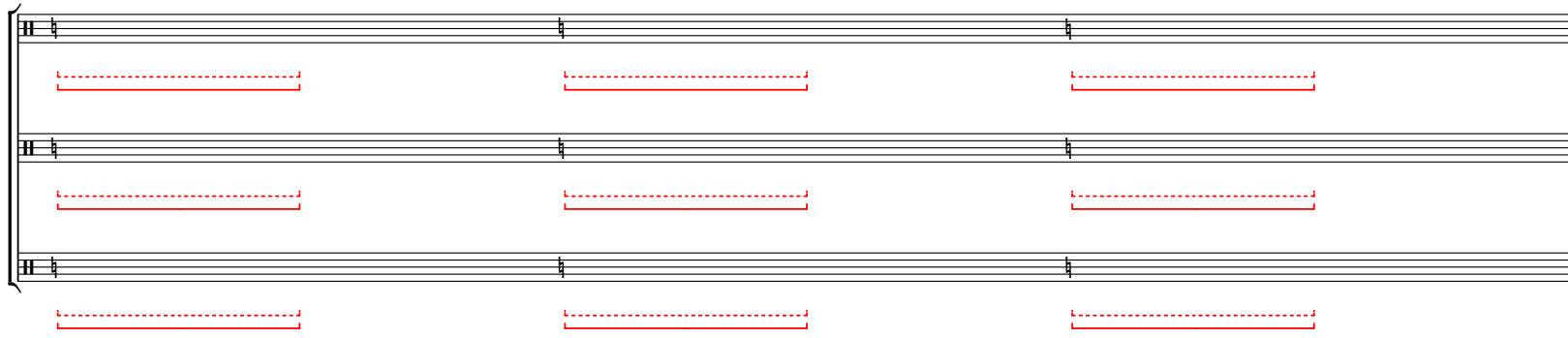


⑦

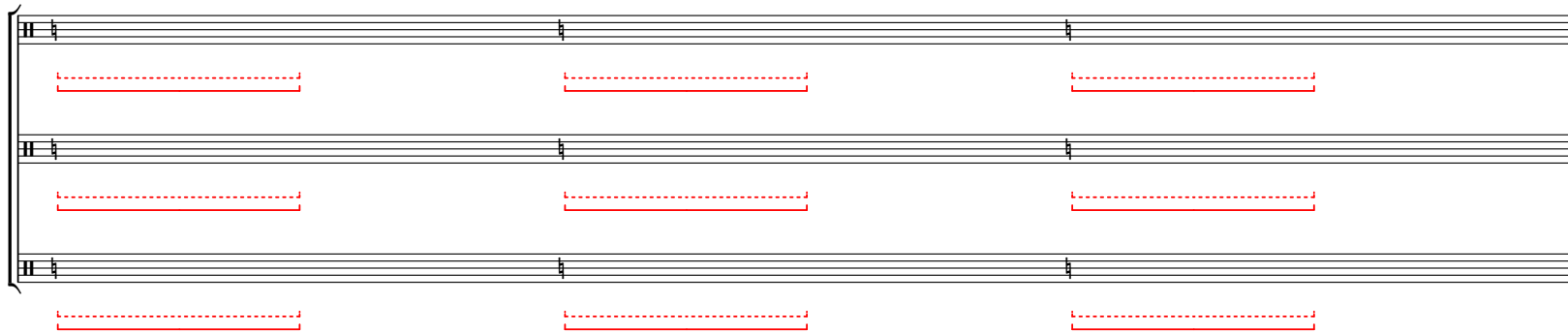


AI spans of time

$\frac{2}{4}$ ♪ = 72



④



⑦



AI spans of time

$\frac{2}{4}$ ♪ = 72

A musical score system consisting of three staves. Each staff has a treble clef and a key signature of one flat (Bb). The system is divided into three measures by vertical bar lines. Each measure contains a red bracket spanning the width of the measure, with a dashed line above it. The staves are empty, suggesting a template for a specific musical exercise.

④

A musical score system consisting of three staves, identical in layout to the first system. Each staff has a treble clef and a key signature of one flat (Bb). The system is divided into three measures by vertical bar lines. Each measure contains a red bracket spanning the width of the measure, with a dashed line above it. The staves are empty.

⑦

A musical score system consisting of three staves, identical in layout to the previous systems. Each staff has a treble clef and a key signature of one flat (Bb). The system is divided into two measures by a vertical bar line. Each measure contains a red bracket spanning the width of the measure, with a dashed line above it. The staves are empty.

AI spans of time

$\frac{2}{4}$ ♩ = 72

A musical score system consisting of three staves. Each staff begins with a treble clef and a key signature of one flat (B-flat). The first staff contains a half note on G4, followed by a whole rest. The second staff contains a half note on F4, followed by a whole rest. The third staff contains a half note on E4, followed by a whole rest. Below each staff, there is a red dashed line with a solid red bracket underneath it, spanning the duration of the half note and whole rest.

④

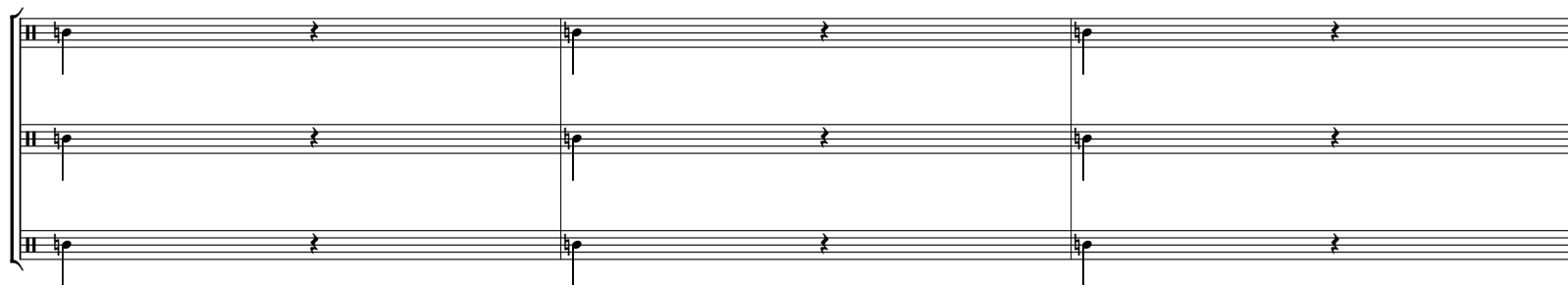
A musical score system consisting of three staves, identical to the first system. Each staff begins with a treble clef and a key signature of one flat (B-flat). The first staff contains a half note on G4, followed by a whole rest. The second staff contains a half note on F4, followed by a whole rest. The third staff contains a half note on E4, followed by a whole rest. Below each staff, there is a red dashed line with a solid red bracket underneath it, spanning the duration of the half note and whole rest.

⑦

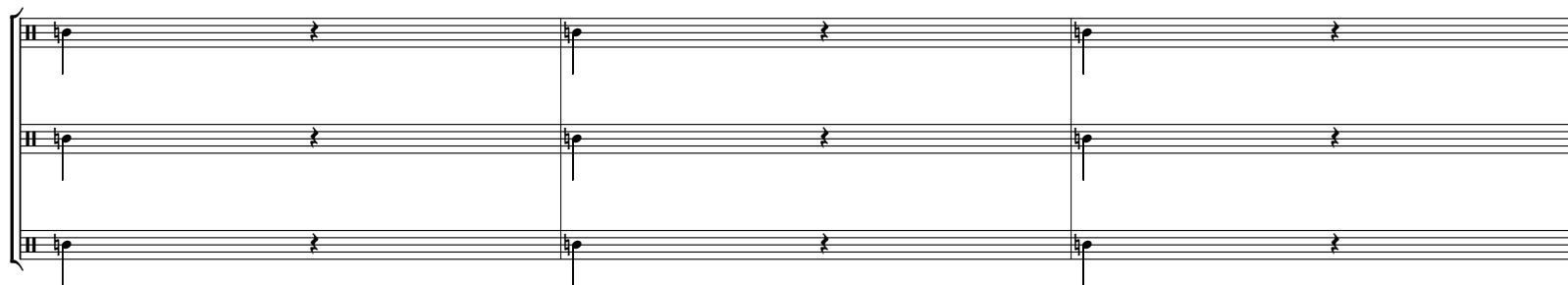
A musical score system consisting of three staves, identical to the first two systems. Each staff begins with a treble clef and a key signature of one flat (B-flat). The first staff contains a half note on G4, followed by a whole rest. The second staff contains a half note on F4, followed by a whole rest. The third staff contains a half note on E4, followed by a whole rest. Below each staff, there is a red dashed line with a solid red bracket underneath it, spanning the duration of the half note and whole rest.

AI spans of time

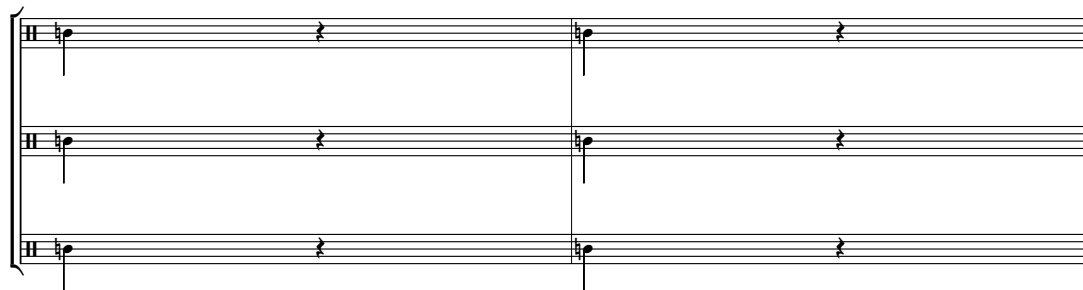
$\frac{2}{4}$ ♩ = 72



④



⑦



A2 different performed durations: 1/4, 3/16 and 1/8

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

Exercise A2, measures 1-3. Each measure contains three staves with red dashed lines indicating note placement.

④

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

Exercise A2, measures 4-6. Each measure contains three staves with red dashed lines indicating note placement.

⑦

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

Exercise A2, measures 7-9. Each measure contains three staves with red dashed lines indicating note placement.

A2 different performed durations: $\frac{1}{4}$, $\frac{3}{16}$ and $\frac{1}{8}$

$\frac{2}{4}$ $\text{♩} = 72$

$\frac{7}{16}$

$\frac{3}{8}$

Three staves of music, each starting with a treble clef and a key signature of one flat (B-flat). The first staff has a $\frac{2}{4}$ time signature and a tempo marking of $\text{♩} = 72$. The second and third staves have $\frac{7}{16}$ and $\frac{3}{8}$ time signatures respectively. Each staff contains three measures. In each measure, the first staff has a quarter note (♩) followed by a quarter rest (♩̣). The second and third staves have a quarter note (♩) followed by a quarter rest (♩̣). Red dashed lines are drawn under the notes and rests in each measure, indicating the performed durations.

④

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

Three staves of music, each starting with a treble clef and a key signature of one flat (B-flat). The first staff has a $\frac{2}{4}$ time signature. The second and third staves have $\frac{7}{16}$ and $\frac{3}{8}$ time signatures respectively. Each staff contains three measures. In each measure, the first staff has a quarter note (♩) followed by a quarter rest (♩̣). The second and third staves have a quarter note (♩) followed by a quarter rest (♩̣). Red dashed lines are drawn under the notes and rests in each measure, indicating the performed durations.

⑦

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

Three staves of music, each starting with a treble clef and a key signature of one flat (B-flat). The first staff has a $\frac{2}{4}$ time signature. The second and third staves have $\frac{7}{16}$ and $\frac{3}{8}$ time signatures respectively. Each staff contains three measures. In each measure, the first staff has a quarter note (♩) followed by a quarter rest (♩̣). The second and third staves have a quarter note (♩) followed by a quarter rest (♩̣). Red dashed lines are drawn under the notes and rests in each measure, indicating the performed durations.

A2 different performed durations: $\frac{1}{4}$, $\frac{3}{16}$ and $\frac{1}{8}$

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

Three staves of music. The first measure is in 2/4 time, the second in 7/16, and the third in 3/8. Each measure contains a half note on the first staff, a quarter note on the second, and a quarter note on the third, with rests in the other staves.

④

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

Three staves of music. The first measure is in 2/4 time, the second in 7/16, and the third in 3/8. Each measure contains a half note on the first staff, a quarter note on the second, and a quarter note on the third, with rests in the other staves.

⑦

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

Three staves of music. The first measure is in 2/4 time, the second in 7/16, and the third in 3/8. Each measure contains a half note on the first staff, a quarter note on the second, and a quarter note on the third, with rests in the other staves.

A3 different silences: 1/4 and 1/8

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{2}{4}$

Musical score for exercise A3, measures 1-4. The score is in 2/4 time and consists of three staves. Each staff has a red bracket underneath it, indicating a measure of silence. The first measure is 2/4, the second is 7/16, and the third is 2/4. The fourth measure is also 2/4.

④

$\frac{5}{16}$

$\frac{2}{4}$

Musical score for exercise A3, measures 5-7. The score is in 2/4 time and consists of three staves. Each staff has a red bracket underneath it, indicating a measure of silence. The first measure is 5/16, the second is 2/4, and the third is 2/4. The fourth measure is also 2/4.

⑦

$\frac{7}{16}$

$\frac{2}{4}$

$\frac{5}{16}$

Musical score for exercise A3, measures 8-11. The score is in 2/4 time and consists of three staves. Each staff has a red bracket underneath it, indicating a measure of silence. The first measure is 7/16, the second is 2/4, and the third is 5/16. The fourth measure is also 5/16.

A3 different silences: 1/4 and 1/8

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{2}{4}$

④

$\frac{5}{16}$

$\frac{2}{4}$

⑦

$\frac{7}{16}$

$\frac{2}{4}$

$\frac{5}{16}$

A3 different silences: 1/4 and 1/8

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{2}{4}$

④

$\frac{5}{16}$

$\frac{2}{4}$

⑦

$\frac{7}{16}$

$\frac{2}{4}$

$\frac{5}{16}$

A₄ grouping performed moments

$\frac{7}{16}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

A₄ grouping performed moments

7
16 ♩ = 72

3
8

7
16

System 1, measures 1-3. The first staff has a half note, a quarter note, and a half note. The second staff has a half note, a quarter note, and a half note. The third staff has a half note, a quarter note, and a half note. Red brackets group the notes in each staff. The first staff has a bracket under the first two notes and another under the last note. The second staff has a bracket under the first two notes and another under the last note. The third staff has a bracket under the first two notes and another under the last note.

⑤

2
4

7
16

2
4

System 2, measures 4-6. The first staff has a half note, a quarter note, and a half note. The second staff has a half note, a quarter note, and a half note. The third staff has a half note, a quarter note, and a half note. Red brackets group the notes in each staff. The first staff has a bracket under the first two notes and another under the last note. The second staff has a bracket under the first two notes and another under the last note. The third staff has a bracket under the first two notes and another under the last note.

⑧

7
16

2
4

System 3, measures 7-9. The first staff has a half note, a quarter note, and a half note. The second staff has a half note, a quarter note, and a half note. The third staff has a half note, a quarter note, and a half note. Red brackets group the notes in each staff. The first staff has a bracket under the first two notes and another under the last note. The second staff has a bracket under the first two notes and another under the last note. The third staff has a bracket under the first two notes and another under the last note.

A₄ grouping performed moments

7
16 ♩ = 72

3
8

7
16

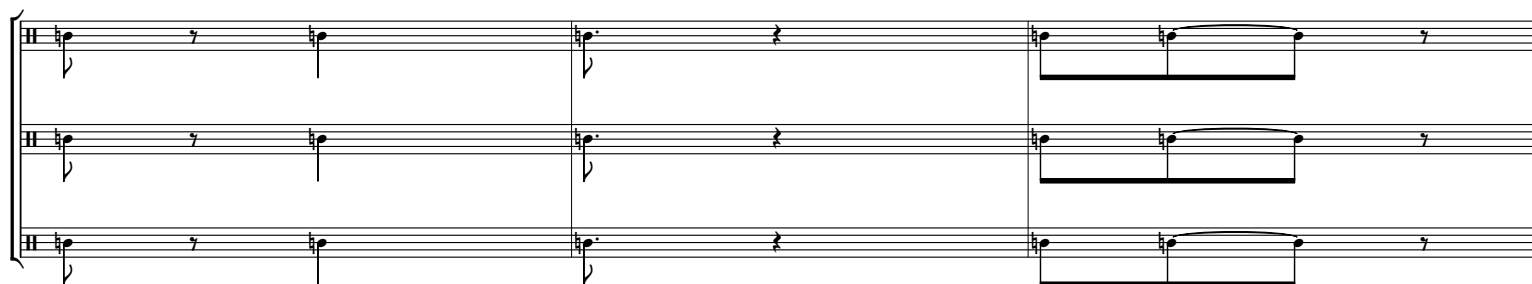


⑤

2
4

7
16

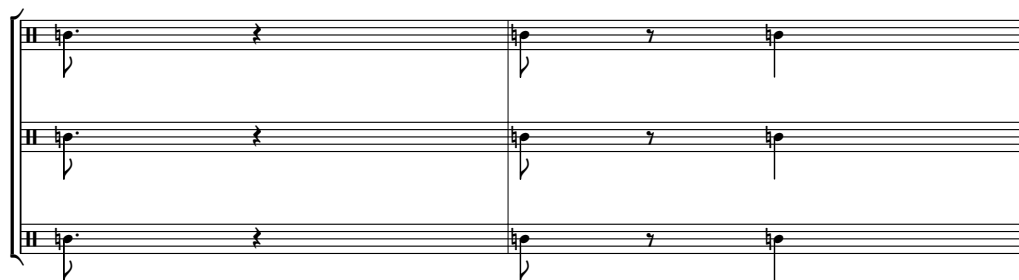
2
4



⑧

7
16

2
4



A5 adding initial silences

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

Exercise A5, measures 1-4. The score is in 2/4 time with a tempo of 72 beats per minute. It consists of three staves. Measures 1 and 2 are in 2/4 time, measure 3 is in 3/8 time, and measure 4 is in 5/16 time. Red dashed lines and brackets indicate the placement of initial silences for each note.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Exercise 5, measures 1-3. The score is in 2/4 time. It consists of three staves. Measures 1 and 2 are in 2/4 time, and measure 3 is in 2/4 time. Red dashed lines and brackets indicate the placement of initial silences for each note.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Exercise 8, measures 1-2. The score is in 2/4 time. It consists of three staves. Measures 1 and 2 are in 2/4 time. Red dashed lines and brackets indicate the placement of initial silences for each note.

A5 adding initial silences

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The first staff contains notes with rests, the second staff has notes with rests, and the third staff has notes with rests. Red dashed lines indicate initial silences for each staff.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The first staff contains notes with rests, the second staff has notes with rests, and the third staff has notes with rests. Red dashed lines indicate initial silences for each staff.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The first staff contains notes with rests, the second staff has notes with rests, and the third staff has notes with rests. Red dashed lines indicate initial silences for each staff.

A5 adding initial silences

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

A6 overlaying red timespans with blue

$\frac{3}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{5}{16}$

④

$\frac{2}{4}$

$\frac{7}{16}$

⑦

$\frac{5}{16}$

$\frac{2}{4}$

$\frac{5}{16}$

A6 overlaying red timespans with blue

$\frac{3}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{5}{16}$

④

$\frac{2}{4}$

$\frac{7}{16}$

⑦

$\frac{5}{16}$

$\frac{2}{4}$

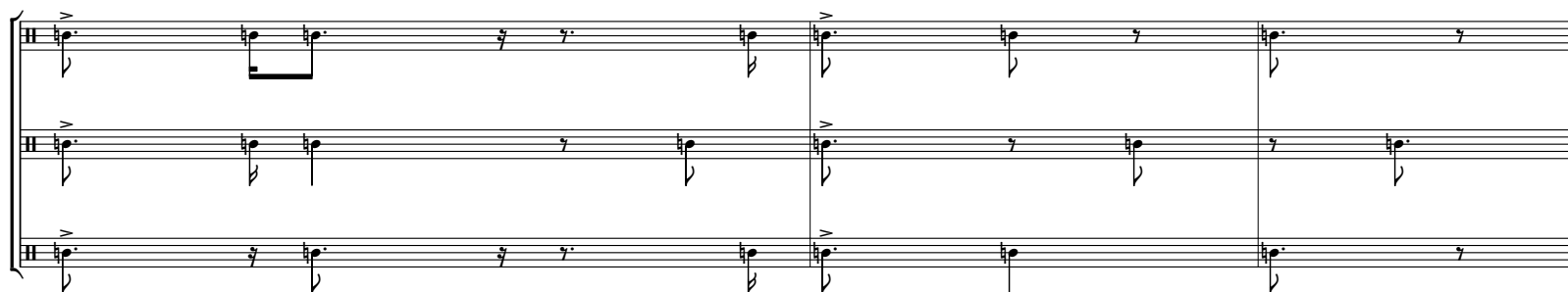
$\frac{5}{16}$

A6 overlaying red timespans with blue

$\frac{3}{4}$ ♩ = 72

$\frac{7}{16}$

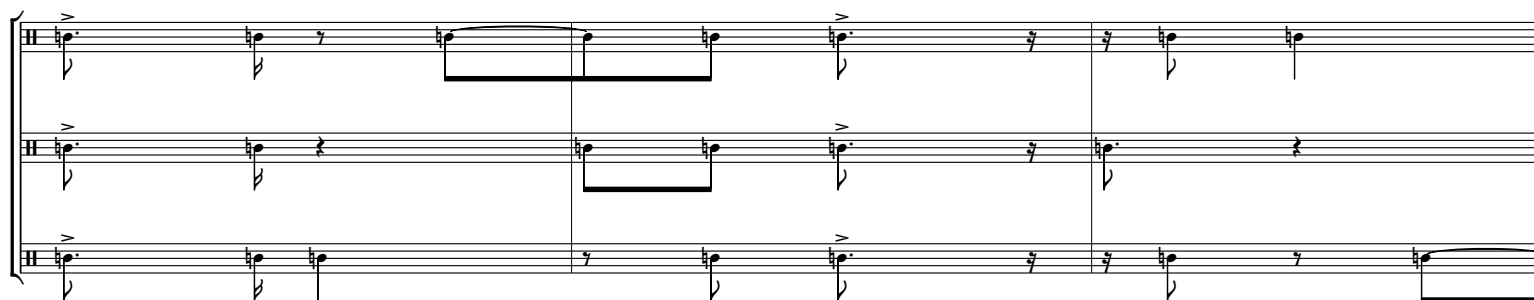
$\frac{5}{16}$



④

$\frac{2}{4}$

$\frac{7}{16}$

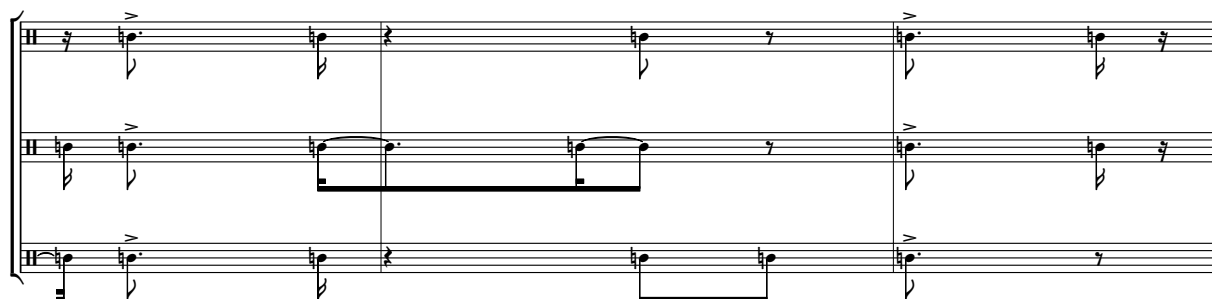


⑦

$\frac{5}{16}$

$\frac{2}{4}$

$\frac{5}{16}$

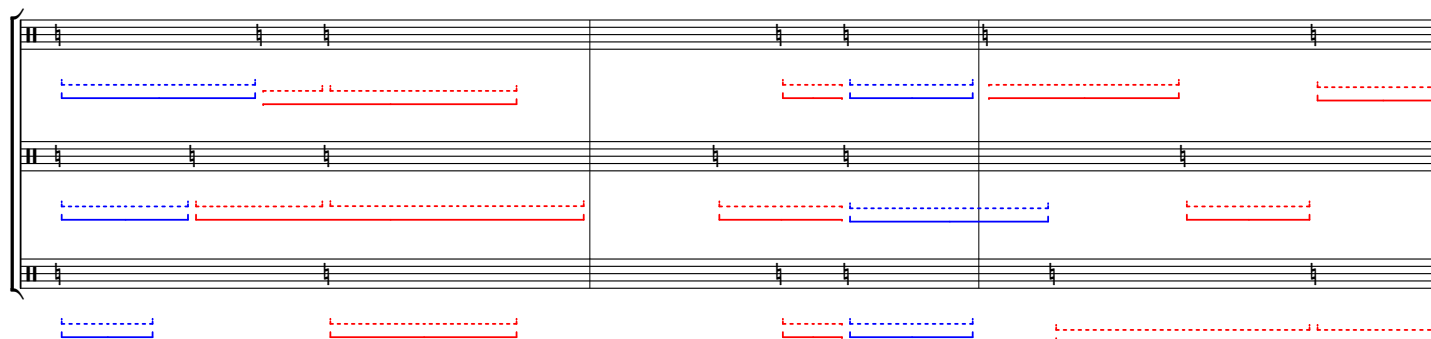


A7 desynchronizing blue timespan releases

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

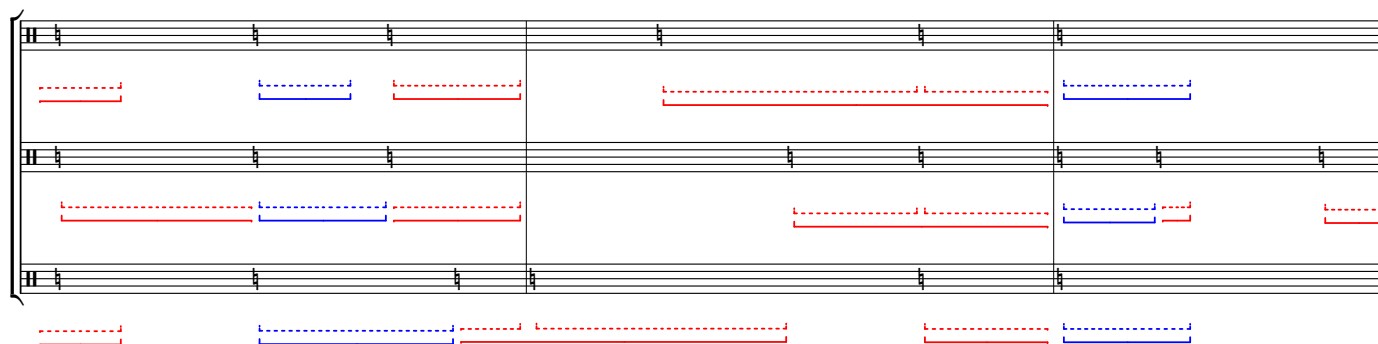
$\frac{7}{16}$



④

$\frac{2}{4}$

$\frac{5}{16}$

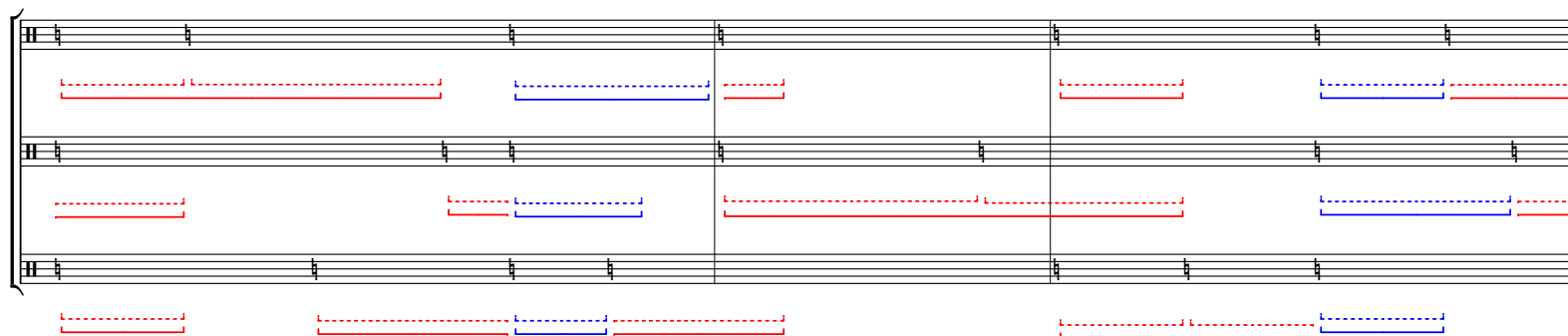


⑦

$\frac{5}{8}$

$\frac{5}{16}$

$\frac{2}{4}$



A7 desynchronizing blue timespan releases

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

④

$\frac{2}{4}$

$\frac{5}{16}$

⑦

$\frac{5}{8}$

$\frac{5}{16}$

$\frac{2}{4}$

A7 desynchronizing blue timespan releases

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

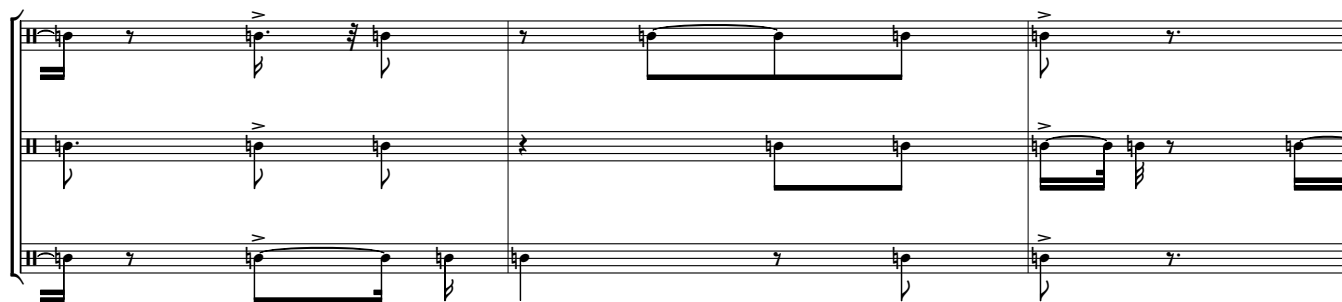
$\frac{7}{16}$



④

$\frac{2}{4}$

$\frac{5}{16}$

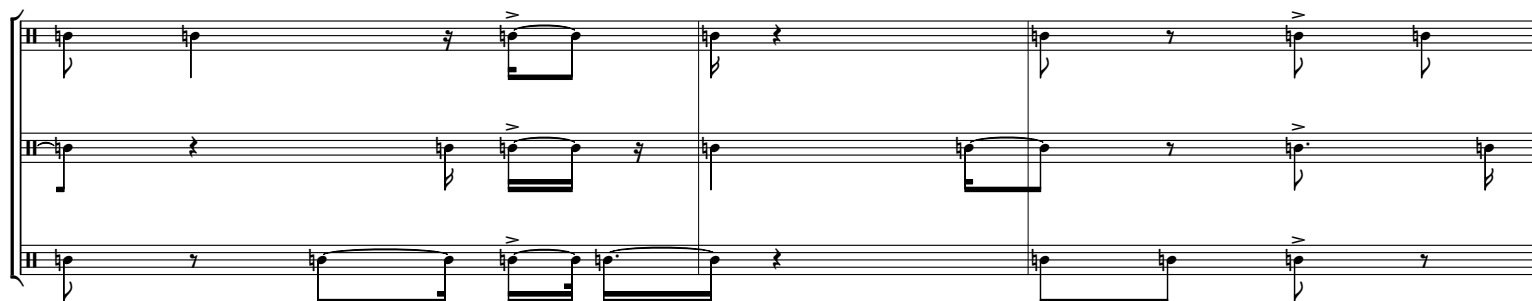


⑦

$\frac{3}{8}$

$\frac{5}{16}$

$\frac{2}{4}$



A8 shifting blue timespans attacks

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

A8 shifting blue timespans attacks

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

A8 shifting blue timespans attacks

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

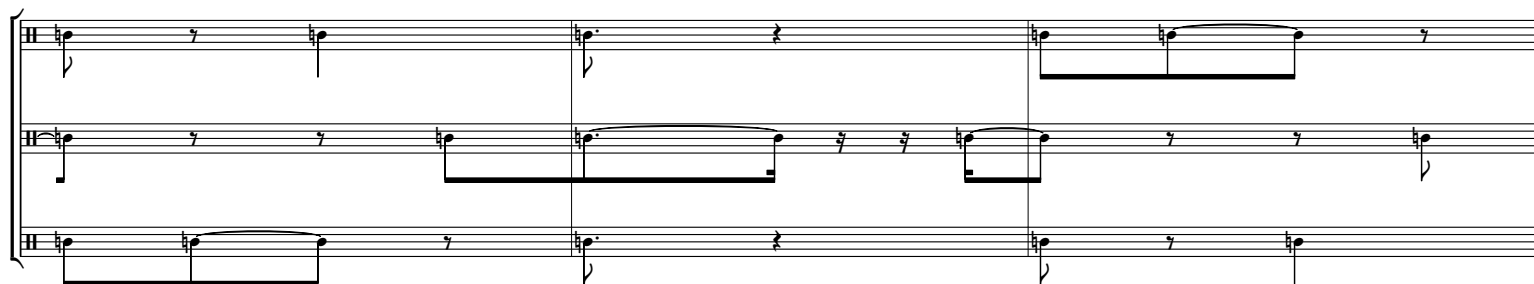


⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$



⑧

$\frac{7}{16}$

$\frac{2}{4}$



Ag masking out brief red timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

Three staves of music. The first staff has a $\frac{2}{4}$ time signature. The second staff has a $\frac{3}{8}$ time signature. The third staff has a $\frac{7}{16}$ time signature. The fourth staff has a $\frac{5}{16}$ time signature. The score shows various time spans marked with blue and red dashed lines.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Three staves of music. The first staff has a $\frac{2}{4}$ time signature. The second staff has a $\frac{7}{16}$ time signature. The third staff has a $\frac{2}{4}$ time signature. The score shows various time spans marked with red dashed lines.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Three staves of music. The first staff has a $\frac{7}{16}$ time signature. The second staff has a $\frac{2}{4}$ time signature. The score shows various time spans marked with blue and red dashed lines.

Ag masking out brief red timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

First system of musical notation, measures 1-4. The notation includes three staves with notes and rests. Blue dashed lines indicate timespans, and red dashed lines indicate brief red timespans. The measures are grouped by the time signatures $\frac{2}{4}$, $\frac{3}{8}$, $\frac{7}{16}$, and $\frac{5}{16}$.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Second system of musical notation, measures 5-8. The notation includes three staves with notes and rests. Red dashed lines indicate timespans. The measures are grouped by the time signatures $\frac{2}{4}$, $\frac{7}{16}$, and $\frac{2}{4}$.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Third system of musical notation, measures 9-12. The notation includes three staves with notes and rests. Blue dashed lines indicate timespans, and red dashed lines indicate brief red timespans. The measures are grouped by the time signatures $\frac{7}{16}$ and $\frac{2}{4}$.

Ag masking out brief red timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

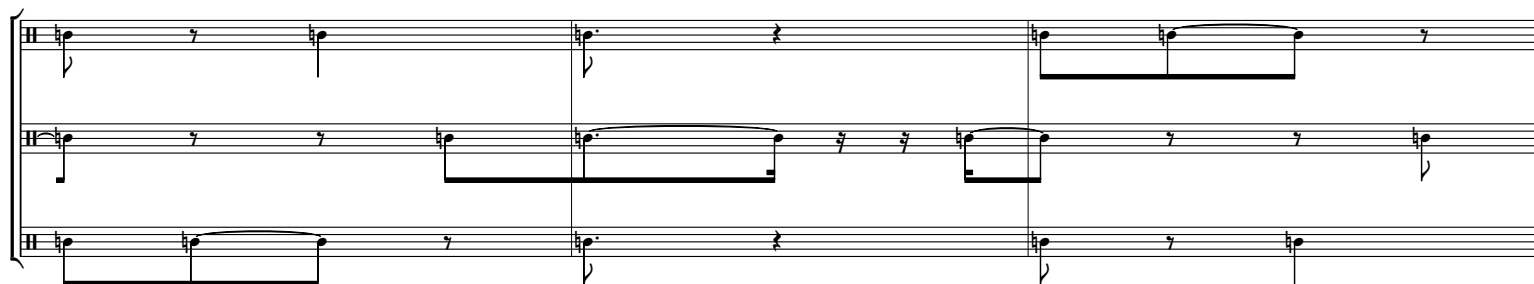


⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$



⑧

$\frac{7}{16}$

$\frac{2}{4}$



BI inscribing a rhythm

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$



⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$



⑧

$\frac{7}{16}$

$\frac{2}{4}$



BI inscribing a rhythm

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score is in 2/4 time. Measures 1 and 2 are marked with a $\frac{7}{16}$ time signature, and measures 3 and 4 are marked with a $\frac{3}{8}$ time signature. The music consists of three staves (H, H, H) with various rhythmic patterns and rests. Red dashed lines indicate the boundaries of the measures.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score is in 2/4 time. Measures 5 and 6 are marked with a $\frac{7}{16}$ time signature, and measures 7 and 8 are marked with a $\frac{2}{4}$ time signature. The music consists of three staves (H, H, H) with various rhythmic patterns and rests. Red dashed lines indicate the boundaries of the measures.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score is in 2/4 time. Measures 9 and 10 are marked with a $\frac{7}{16}$ time signature, and measures 11 and 12 are marked with a $\frac{2}{4}$ time signature. The music consists of three staves (H, H, H) with various rhythmic patterns and rests. Red dashed lines indicate the boundaries of the measures.

BI inscribing a rhythm

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$



⑤

$\frac{2}{4}$

$\frac{7}{16}$

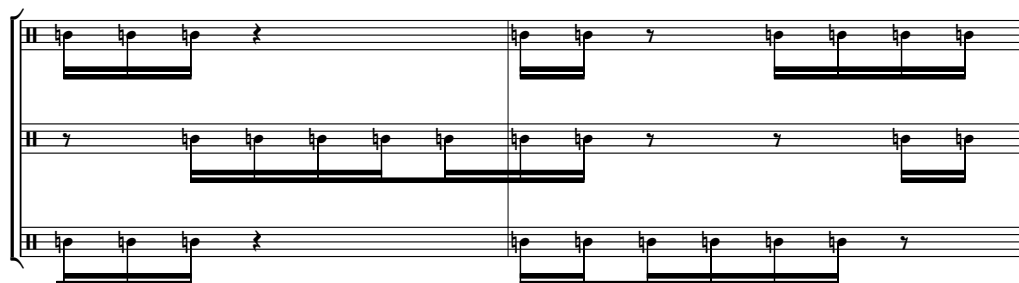
$\frac{2}{4}$



⑧

$\frac{7}{16}$

$\frac{2}{4}$



B2 a different rhythm pattern: 1/16, 1/8

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

B2 a different rhythm pattern: 1/16, 1/8

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

B2 a different rhythm pattern: 1/16, 1/8

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score is in 2/4 time and consists of three staves. The melody is in the upper staff, the bass line in the lower staff, and the middle staff contains chords. The key signature has one flat (B-flat). The rhythm pattern is 1/16, 1/8.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score is in 2/4 time and consists of three staves. The melody is in the upper staff, the bass line in the lower staff, and the middle staff contains chords. The key signature has one flat (B-flat). The rhythm pattern is 1/16, 1/8.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-10. The score is in 2/4 time and consists of three staves. The melody is in the upper staff, the bass line in the lower staff, and the middle staff contains chords. The key signature has one flat (B-flat). The rhythm pattern is 1/16, 1/8.

B3 another rhythm pattern: 1/16, 1/8, 3/16

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

B3 another rhythm pattern: 1/16, 1/8, 3/16

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

B3 another rhythm pattern: 1/16, 1/8, 3/16

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

B₄ making tuplets

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The first staff contains a 5:4 tuplet in measures 1 and 2, and another 5:4 tuplet in measure 4. The second staff contains a 5:4 tuplet in measure 1 and another 5:4 tuplet in measure 4. The third staff contains a 5:4 tuplet in measure 2 and another 5:4 tuplet in measure 4.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The first staff contains a 5:4 tuplet in measure 5 and another 5:4 tuplet in measure 7. The second staff contains a 5:4 tuplet in measure 5 and another 5:4 tuplet in measure 7. The third staff contains a 5:4 tuplet in measure 5 and another 5:4 tuplet in measure 7.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The first staff contains a 5:4 tuplet in measure 9 and another 5:4 tuplet in measure 11. The second staff contains a 5:4 tuplet in measure 9 and another 5:4 tuplet in measure 11. The third staff contains a 5:4 tuplet in measure 9 and another 5:4 tuplet in measure 11.

B₄ making tuplets

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The first staff contains a 5:4 tuplet in measures 1 and 2, and another 5:4 tuplet in measure 4. The second staff contains a 5:4 tuplet in measure 1 and another 5:4 tuplet in measure 4. The third staff contains a 5:4 tuplet in measure 2 and another 5:4 tuplet in measure 4.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The first staff contains a 5:4 tuplet in measure 5 and another 5:4 tuplet in measure 7. The second staff contains a 5:4 tuplet in measure 5 and another 5:4 tuplet in measure 7. The third staff contains a 5:4 tuplet in measure 5 and another 5:4 tuplet in measure 7.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The first staff contains a 5:4 tuplet in measure 9 and another 5:4 tuplet in measure 11. The second staff contains a 5:4 tuplet in measure 9 and another 5:4 tuplet in measure 11. The third staff contains a 5:4 tuplet in measure 9 and another 5:4 tuplet in measure 11.

B₄ making triplets

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score consists of three staves. Measure 1 has a 5:4 ratio marking. Measure 2 has a 5:4 ratio marking. Measure 3 has a 5:4 ratio marking. Measure 4 has a 5:4 ratio marking.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score consists of three staves. Measure 5 has a 5:4 ratio marking. Measure 6 has a 5:4 ratio marking. Measure 7 has a 5:4 ratio marking. Measure 8 has a 5:4 ratio marking.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score consists of three staves. Measure 9 has a 5:4 ratio marking. Measure 10 has a 5:4 ratio marking. Measure 11 has a 5:4 ratio marking. Measure 12 has a 5:4 ratio marking.

B5 changing notes into rests

$\frac{2}{4}$ $\text{♩} = 72$

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score is in 2/4 time with a tempo of 72. It consists of three staves. Measures 1 and 2 are in 2/4 time, measures 3 and 4 are in 7/16 time. Red dashed lines and 5:4 ratios indicate the conversion of notes to rests.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score is in 2/4 time with a tempo of 72. It consists of three staves. Measures 5 and 6 are in 2/4 time, measures 7 and 8 are in 7/16 time. Red dashed lines and 5:4 ratios indicate the conversion of notes to rests.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score is in 2/4 time with a tempo of 72. It consists of three staves. Measures 9 and 10 are in 7/16 time, measures 11 and 12 are in 2/4 time. Red dashed lines and 5:4 ratios indicate the conversion of notes to rests.

B5 changing notes into rests

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

First system of musical notation (measures 1-4). The notation includes three staves with various rhythmic patterns and rests. Red dashed lines and '5:4' labels indicate specific rhythmic intervals.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Second system of musical notation (measures 5-8). The notation continues the rhythmic patterns from the first system, with red dashed lines and '5:4' labels indicating intervals.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Third system of musical notation (measures 9-12). The notation shows the final measures of the piece, with red dashed lines and '5:4' labels indicating intervals.

B5 changing notes into rests

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score consists of three staves. Measure 1 has a 5:4 ratio marking. Measure 2 has a 5:4 ratio marking. Measure 3 has a 5:4 ratio marking. Measure 4 has a 5:4 ratio marking.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score consists of three staves. Measure 5 has a 5:4 ratio marking. Measure 6 has a 5:4 ratio marking. Measure 7 has a 5:4 ratio marking. Measure 8 has a 5:4 ratio marking.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score consists of three staves. Measure 9 has a 5:4 ratio marking. Measure 10 has a 5:4 ratio marking. Measure 11 has a 5:4 ratio marking. Measure 12 has a 5:4 ratio marking.

B6a rotating rhythm patterns (I)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score is in 3/4 time. The first measure (1) contains a half note G4, a half note F#4, and a half note E4. The second measure (2) contains a half note D4, a half note C4, and a half note B3. The third measure (3) contains a half note A3, a half note G3, and a half note F#3. The fourth measure (4) contains a half note E3, a half note D3, and a half note C3. Red dashed lines and brackets indicate the 3:2 ratio between the first and second measures, and between the second and third measures.

(5)

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score is in 3/4 time. The fifth measure (5) contains a half note G4, a half note F#4, and a half note E4. The sixth measure (6) contains a half note D4, a half note C4, and a half note B3. The seventh measure (7) contains a half note A3, a half note G3, and a half note F#3. The eighth measure (8) contains a half note E3, a half note D3, and a half note C3. Red dashed lines and brackets indicate the 3:2 ratio between the first and second measures, and between the second and third measures.

(8)

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score is in 3/4 time. The ninth measure (9) contains a half note G4, a half note F#4, and a half note E4. The tenth measure (10) contains a half note D4, a half note C4, and a half note B3. The eleventh measure (11) contains a half note A3, a half note G3, and a half note F#3. The twelfth measure (12) contains a half note E3, a half note D3, and a half note C3. Red dashed lines and brackets indicate the 3:2 ratio between the first and second measures, and between the second and third measures.

B6a rotating rhythm patterns (I)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score is in 3/4 time. The first measure (1) is in 2/4 time, the second (2) is in 7/16 time, the third (3) is in 3/8 time, and the fourth (4) is in 5/16 time. The notation shows a rotating rhythm pattern across three staves. Red dashed lines and brackets indicate the 3:2 ratio between measures.

(5)

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score is in 3/4 time. The first measure (5) is in 2/4 time, the second (6) is in 7/16 time, the third (7) is in 2/4 time, and the fourth (8) is in 2/4 time. The notation shows a rotating rhythm pattern across three staves. Red dashed lines and brackets indicate the 3:2 ratio between measures.

(8)

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score is in 3/4 time. The first measure (9) is in 7/16 time, the second (10) is in 2/4 time, the third (11) is in 2/4 time, and the fourth (12) is in 2/4 time. The notation shows a rotating rhythm pattern across three staves. Red dashed lines and brackets indicate the 3:2 ratio between measures.

B6a rotating rhythm patterns (I)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The first staff contains a melody with eighth and sixteenth notes. The second and third staves provide harmonic support with chords and single notes. A 3:2 ratio bracket is indicated between measures 2 and 3.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The first staff contains a melody with eighth and sixteenth notes. The second and third staves provide harmonic support with chords and single notes. A 3:2 ratio bracket is indicated between measures 6 and 7.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The first staff contains a melody with eighth and sixteenth notes. The second and third staves provide harmonic support with chords and single notes. A 3:2 ratio bracket is indicated between measures 10 and 11.

B6b rotating rhythm patterns (2)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The notation shows a sequence of notes and rests across three staves. Red dashed lines and brackets labeled '4:3' highlight specific rhythmic patterns, such as a group of four eighth notes in the first staff of measure 1 and a group of three eighth notes in the second staff of measure 2.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The notation continues the sequence of notes and rests. Red dashed lines and brackets labeled '4:3' highlight specific rhythmic patterns, such as a group of four eighth notes in the first staff of measure 5 and a group of three eighth notes in the second staff of measure 6.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The notation continues the sequence of notes and rests. Red dashed lines and brackets labeled '4:3' highlight specific rhythmic patterns, such as a group of four eighth notes in the first staff of measure 8 and a group of three eighth notes in the second staff of measure 9.

B6b rotating rhythm patterns (2)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

B6b rotating rhythm patterns (2)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score shows three staves. Measure 1 is in 2/4 time. Measures 2-4 are in 7/16 time. Brackets labeled '4:3' indicate a 4:3 ratio between measures 2 and 3, and between measures 3 and 4.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The score shows three staves. Measure 5 is in 2/4 time. Measures 6-7 are in 7/16 time. Brackets labeled '4:3' indicate a 4:3 ratio between measures 6 and 7.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The score shows three staves. Measure 8 is in 7/16 time. Measure 9 is in 2/4 time. A bracket labeled '4:3' is shown under measure 8.

B6c rotating rhythm patterns (3)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score shows three staves with a key signature of one flat. Measure 1 has a 4:3 ratio. Measure 2 has a 3:2 ratio. Measure 3 has a 4:3 ratio. Measure 4 has a 4:3 ratio. Red dashed lines and brackets indicate the rhythmic patterns and ratios.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score shows three staves with a key signature of one flat. Measure 5 has a 3:2 ratio. Measure 6 has a 4:3 ratio. Measure 7 has a 3:2 ratio. Measure 8 has a 3:2 ratio. Red dashed lines and brackets indicate the rhythmic patterns and ratios.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-10. The score shows three staves with a key signature of one flat. Measure 9 has a 4:3 ratio. Measure 10 has a 4:3 ratio. Red dashed lines and brackets indicate the rhythmic patterns and ratios.

B6c rotating rhythm patterns (3)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score shows three staves. Red dashed lines and brackets indicate 4:3 and 3:2 ratios between notes across staves.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score shows three staves. Red dashed lines and brackets indicate 3:2 and 4:3 ratios between notes across staves.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score shows three staves. Red dashed lines and brackets indicate 4:3 ratios between notes across staves.

B6c rotating rhythm patterns (3)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score consists of three staves. Measure 1 shows a 4:3 ratio. Measure 2 shows a 3:2 ratio. Measure 3 shows a 4:3 ratio. Measure 4 shows a 4:3 ratio.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score consists of three staves. Measure 5 shows a 3:2 ratio. Measure 6 shows a 4:3 ratio. Measure 7 shows a 3:2 ratio. Measure 8 shows a 3:2 ratio.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score consists of three staves. Measure 9 shows a 4:3 ratio. Measure 10 shows a 4:3 ratio. Measure 11 shows a 4:3 ratio. Measure 12 shows a 4:3 ratio.

B6d rotating rhythm patterns (4)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score is in 3/4 time. It features a rotating rhythm pattern across four staves. Red dashed lines and '5:4' labels indicate the 5:4 ratio between the staves. The pattern rotates such that the rhythm of one staff appears in the next staff's position.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The score is in 3/4 time. It continues the rotating rhythm pattern from system 1. Red dashed lines and '5:4' labels indicate the 5:4 ratio between the staves. The pattern rotates such that the rhythm of one staff appears in the next staff's position.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The score is in 3/4 time. It continues the rotating rhythm pattern from system 1. Red dashed lines and '5:4' labels indicate the 5:4 ratio between the staves. The pattern rotates such that the rhythm of one staff appears in the next staff's position.

B6d rotating rhythm patterns (4)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

B6d rotating rhythm patterns (4)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 4, measures 1-3. The score is in 3/8 time and consists of three staves. Measure 1 has a 5:4 ratio bracketed under the first two staves. Measure 2 has a 5:4 ratio bracketed under the first two staves. Measure 3 has a 5:4 ratio bracketed under the first two staves.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 5, measures 1-3. The score is in 2/4 time and consists of three staves. Measure 1 has a 5:4 ratio bracketed under the first two staves. Measure 2 has a 5:4 ratio bracketed under the first two staves. Measure 3 has a 5:4 ratio bracketed under the first two staves.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 8, measures 1-2. The score is in 2/4 time and consists of three staves. Measure 1 has a 5:4 ratio bracketed under the first two staves. Measure 2 has a 5:4 ratio bracketed under the first two staves.

B7 reintroducing blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

First system of musical notation (measures 1-4). The notation includes three staves with various rhythmic patterns and time signature changes. Blue dashed lines and red dotted lines indicate specific rhythmic spans. The time signatures are $\frac{2}{4}$, $\frac{3}{8}$, $\frac{7}{16}$, and $\frac{5}{16}$.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Second system of musical notation (measures 5-7). The notation includes three staves with various rhythmic patterns and time signature changes. Blue dashed lines and red dotted lines indicate specific rhythmic spans. The time signatures are $\frac{2}{4}$, $\frac{7}{16}$, and $\frac{2}{4}$.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Third system of musical notation (measures 8-9). The notation includes three staves with various rhythmic patterns and time signature changes. Blue dashed lines and red dotted lines indicate specific rhythmic spans. The time signatures are $\frac{7}{16}$ and $\frac{2}{4}$.

B7 reintroducing blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

First system of musical notation (measures 1-4). The notation includes three staves with various rhythmic patterns and time signature changes. Blue dashed lines and red dotted lines with labels (4:3, 3:2, 5:4) indicate specific rhythmic spans across the notes.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Second system of musical notation (measures 5-7). The notation continues the rhythmic patterns from the first system, with blue dashed lines and red dotted lines indicating spans (3:2, 5:4, 4:3).

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Third system of musical notation (measures 8-9). The notation shows the final measures of the piece, maintaining the complex rhythmic structure with blue dashed lines and red dotted lines indicating spans (4:3, 3:2, 5:4).

B7 reintroducing blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

First system of musical notation (measures 1-4). The notation includes three staves with various rhythmic patterns and time signature changes indicated by brackets below the staves: 4:3, 3:2, 4:3, 5:4.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Second system of musical notation (measures 5-7). The notation includes three staves with various rhythmic patterns and time signature changes indicated by brackets below the staves: 3:2, 5:4, 3:2, 4:3, 3:2.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Third system of musical notation (measures 8-9). The notation includes three staves with various rhythmic patterns and time signature changes indicated by brackets below the staves: 4:3, 3:2, 5:4, 4:3, 3:2, 3:2.

B8 adding rhythms to blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

System 1, measures 1-4. Rhythmic annotations include 4:3, 3:2, and 5:4 intervals.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. Rhythmic annotations include 3:2, 5:4, and 4:3 intervals.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. Rhythmic annotations include 4:3, 3:2, and 5:4 intervals.

B8 adding rhythms to blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

System 1, measures 1-4. Rhythmic spans are marked with blue dashed lines and red dotted lines. Labels include 4:3, 3:2, and 5:4.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. Rhythmic spans are marked with blue dashed lines and red dotted lines. Labels include 3:2, 5:4, and 4:3.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. Rhythmic spans are marked with blue dashed lines and red dotted lines. Labels include 4:3, 3:2, and 5:4.

B8 adding rhythms to blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

System 1, measures 1-4. Time signatures: $\frac{2}{4}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{5}{16}$. Rhythmic spans: 4:3, 3:2, 5:4.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. Time signatures: $\frac{2}{4}$, $\frac{7}{16}$, $\frac{2}{4}$, $\frac{2}{4}$. Rhythmic spans: 3:2, 5:4, 4:3.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. Time signatures: $\frac{7}{16}$, $\frac{2}{4}$, $\frac{2}{4}$, $\frac{2}{4}$. Rhythmic spans: 4:3, 3:2, 5:4.

CI adding grace notes (every red attack)

$\frac{2}{4}$ $\text{♩} = 72$

$\frac{3}{8}$

$\frac{7}{16}$

System 1, measures 1-3. The score is in 2/4 time with a tempo of 72 bpm. It features three staves. Measure 1 contains a blue bracket labeled 4:3 and a red bracket labeled 3:2. Measure 2 contains a blue bracket labeled 4:3 and a red bracket labeled 3:2. Measure 3 contains a blue bracket labeled 4:3 and a red bracket labeled 3:2. The notation includes eighth and sixteenth notes with grace notes.

④

$\frac{5}{16}$

$\frac{2}{4}$

$\frac{7}{16}$

System 2, measures 4-6. The score continues with three staves. Measure 4 contains a blue bracket labeled 4:3 and a red bracket labeled 3:2. Measure 5 contains a blue bracket labeled 5:4 and a red bracket labeled 3:2. Measure 6 contains a blue bracket labeled 3:2 and a red bracket labeled 4:3. The notation includes eighth and sixteenth notes with grace notes.

⑦

$\frac{2}{4}$

$\frac{7}{16}$

System 3, measures 7-9. The score continues with three staves. Measure 7 contains a blue bracket labeled 3:2 and a red bracket labeled 4:3. Measure 8 contains a blue bracket labeled 4:3 and a red bracket labeled 3:2. Measure 9 contains a blue bracket labeled 4:3 and a red bracket labeled 3:2. The notation includes eighth and sixteenth notes with grace notes.

⑨

$\frac{2}{4}$

3:2 5:4 4:3 3:2

CI

adding grace notes (every red attack)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

4:3 3:2 4:3 3:2 4:3 5:4

④

$\frac{5}{16}$

$\frac{2}{4}$

$\frac{7}{16}$

4:3 3:2 5:4 5:4 3:2 4:3

⑦

$\frac{2}{4}$

$\frac{7}{16}$

3:2 4:3 3:2 4:3 3:2 5:4

⑨

$\frac{2}{4}$

3:2 5:4 4:3 3:2 3:2

C2

adding grace notes (every other red attack)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

4:3 5:4

④

 $\frac{5}{16}$ $\frac{2}{4}$ $\frac{7}{16}$

5:4

5:4

5:4

3:2

⑦

 $\frac{2}{4}$ $\frac{7}{16}$ $\frac{2}{4}$

5:4

5:4

4:3

3:2

4:3

C2 adding grace notes (every other red attack)

 $\frac{2}{4}$ ♩ = 72 $\frac{3}{8}$ $\frac{7}{16}$ $\frac{5}{16}$

4:3

5:4

5:4

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

5:4

5:4

3:2

⑧

$\frac{7}{16}$

$\frac{2}{4}$

5:4

4:3

3:2

C3 adding grace notes (a longer pattern)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

4:3

5:4

④

 $\frac{5}{16}$ $\frac{2}{4}$ $\frac{7}{16}$

System 4, measures 1-3. The score is in 5/16, 2/4, and 7/16 time signatures. It features three staves with various rhythmic patterns and accidentals. Red dashed lines and brackets indicate intervals of 5:4 and 3:2.

⑦

 $\frac{2}{4}$ $\frac{7}{16}$

System 7, measures 4-6. The score is in 2/4 and 7/16 time signatures. It features three staves with various rhythmic patterns and accidentals. Red dashed lines and brackets indicate intervals of 5:4, 4:3, and 3:2. Blue dashed lines and brackets indicate intervals of 5:4 and 4:3.

⑨

 $\frac{2}{4}$

System 9, measures 7-9. The score is in 2/4 time signature. It features three staves with various rhythmic patterns and accidentals. Red dashed lines and brackets indicate intervals of 5:4, 4:3, and 3:2.

C3 adding grace notes (a longer pattern)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

System 1, measures 1-3. The first measure contains a 4:3 ratio, the second a 5:4 ratio, and the third is a whole rest.

④

$\frac{5}{16}$

$\frac{2}{4}$

$\frac{7}{16}$

System 2, measures 4-6. The first measure contains a 5:4 ratio, the second a 5:4 ratio, and the third a 3:2 ratio.

⑦

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 7-9. The first measure contains a 5:4 ratio, the second a 4:3 ratio, and the third a 3:2 ratio.