

AI spans of time

$\frac{2}{4}$ ♪ = 72



④

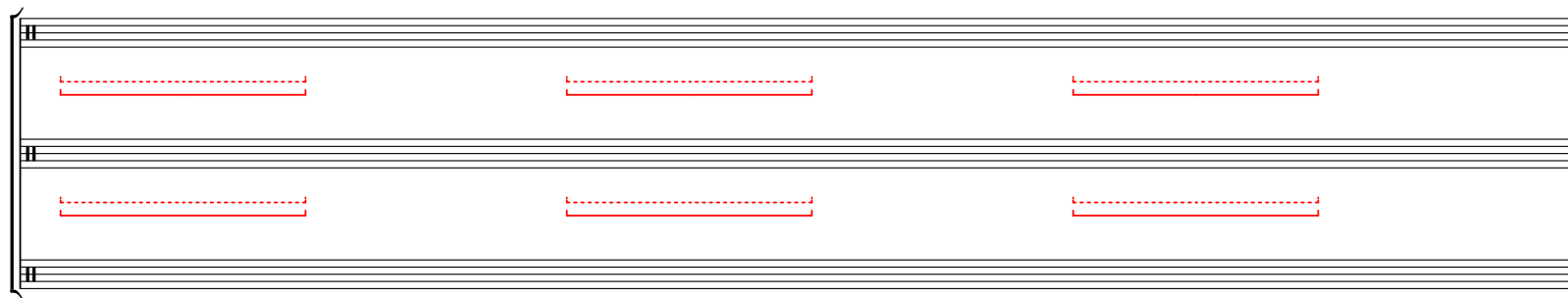


⑦

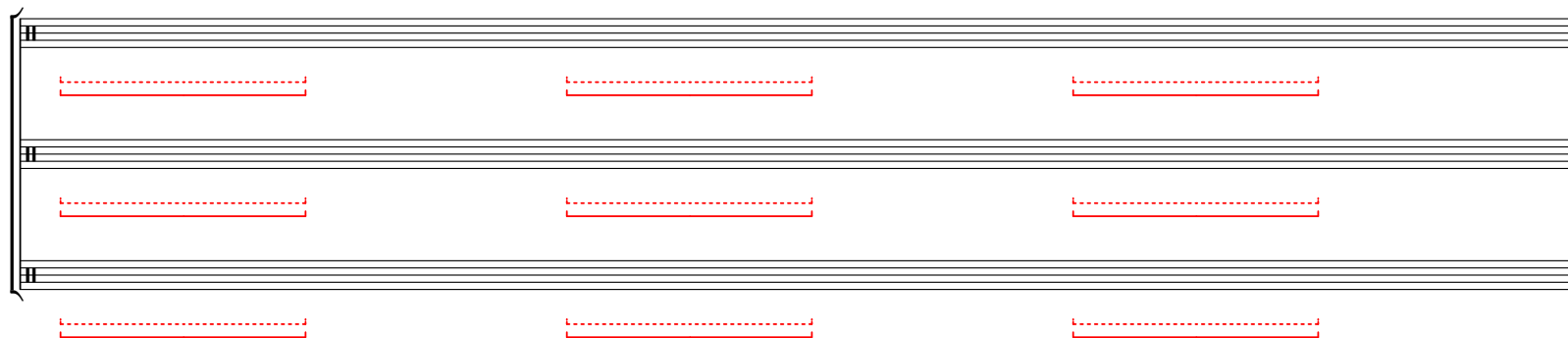


AI spans of time

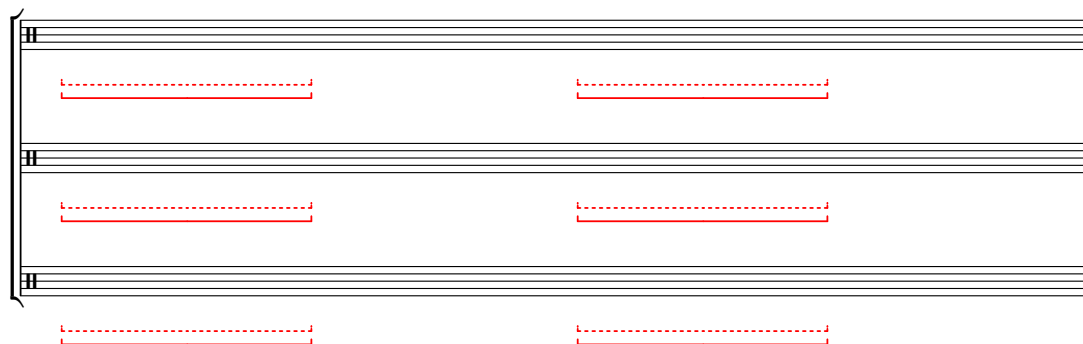
$\frac{2}{4}$ ♪ = 72



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 sharp (F#). The staves are connected by a brace on the left. The first staff contains a dotted line with a red underline. The second staff contains a dotted line with a red underline. The third staff contains a dotted line with a red underline. The system is divided into three measures by vertical bar lines.

④



A musical score system consisting of three staves. Each staff has a treble clef and a key signature of one sharp (F#). The staves are connected by a brace on the left. The first staff contains a dotted line with a red underline. The second staff contains a dotted line with a red underline. The third staff contains a dotted line with a red underline. The system is divided into three measures by vertical bar lines.

⑦



A musical score system consisting of three staves. Each staff has a treble clef and a key signature of one sharp (F#). The staves are connected by a brace on the left. The first staff contains a dotted line with a red underline. The second staff contains a dotted line with a red underline. The third staff contains a dotted line with a red underline. The system is divided into two measures by a vertical bar line.

AI spans of time

$\frac{2}{4}$ ♩ = 72

Three staves of music, each starting with a treble clef and a common time signature. The first staff contains a whole note, a half note, and a quarter note. The second staff contains a whole note, a half note, and a quarter note. The third staff contains a whole note, a half note, and a quarter note. Each staff has a red dashed line underneath it, indicating a span of time.

④

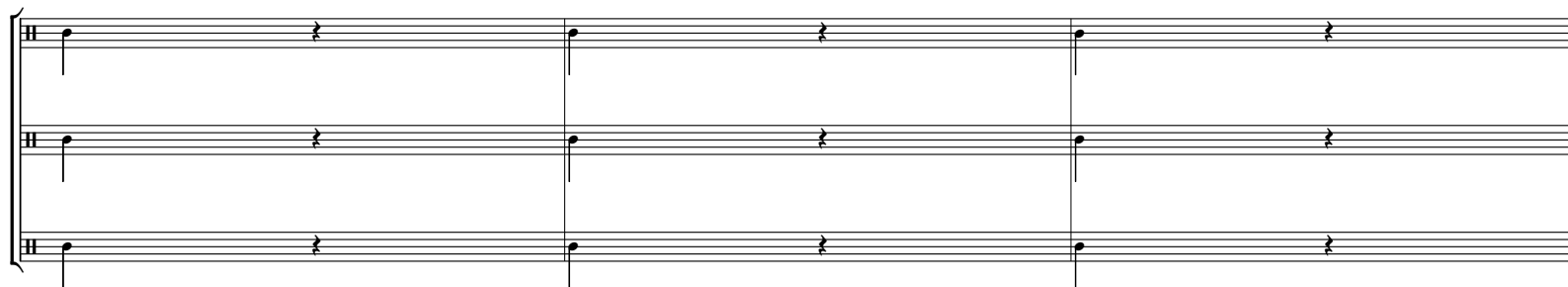
Three staves of music, each starting with a treble clef and a common time signature. The first staff contains a whole note, a half note, and a quarter note. The second staff contains a whole note, a half note, and a quarter note. The third staff contains a whole note, a half note, and a quarter note. Each staff has a red dashed line underneath it, indicating a span of time.

⑦

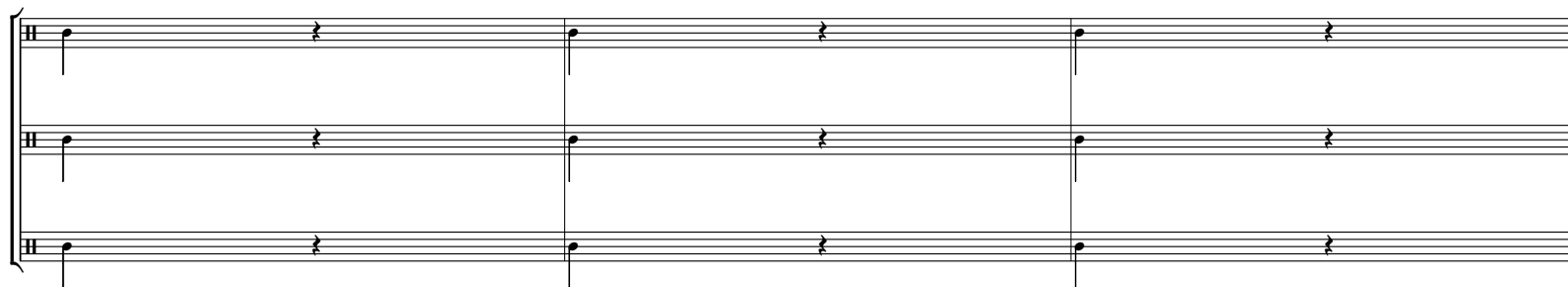
Three staves of music, each starting with a treble clef and a common time signature. The first staff contains a whole note, a half note, and a quarter note. The second staff contains a whole note, a half note, and a quarter note. The third staff contains a whole note, a half note, and a quarter note. Each staff has a red dashed line underneath it, indicating a span of time.

AI spans of time

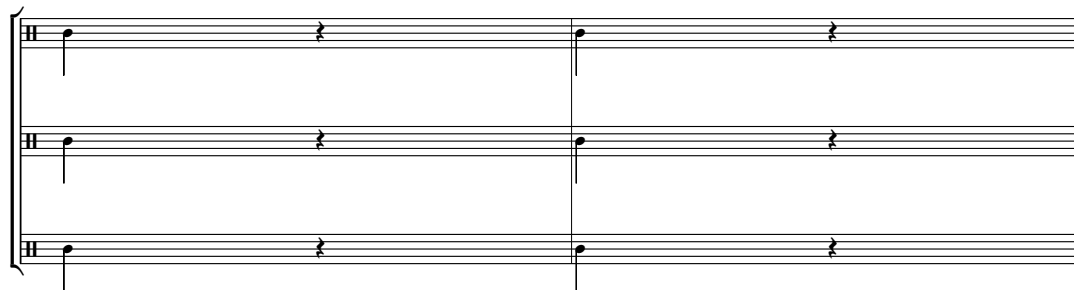
$\frac{2}{4}$ ♩ = 72



④



⑦



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

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$



④

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$



⑦

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$



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

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

System 1 musical score. It consists of three staves. Each staff begins with a treble clef and a common time signature. The first staff has a quarter note followed by a quarter rest. The second staff has a quarter note followed by a quarter rest. The third staff has a quarter note followed by a quarter rest. Below each staff, there are red dashed lines and brackets indicating the duration of the notes and rests.

④

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

System 2 musical score. It consists of three staves. Each staff begins with a treble clef and a common time signature. The first staff has a quarter note followed by a quarter rest. The second staff has a quarter note followed by a quarter rest. The third staff has a quarter note followed by a quarter rest. Below each staff, there are red dashed lines and brackets indicating the duration of the notes and rests.

⑦

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

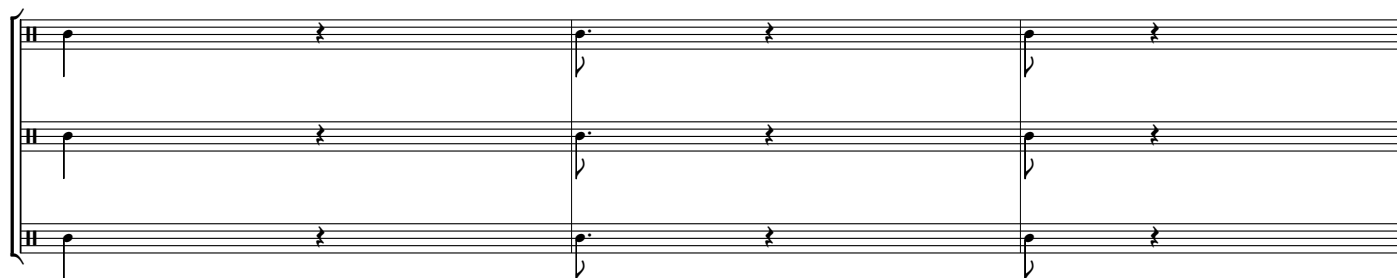
System 3 musical score. It consists of three staves. Each staff begins with a treble clef and a common time signature. The first staff has a quarter note followed by a quarter rest. The second staff has a quarter note followed by a quarter rest. The third staff has a quarter note followed by a quarter rest. Below each staff, there are red dashed lines and brackets indicating the duration of the notes and rests.

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

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

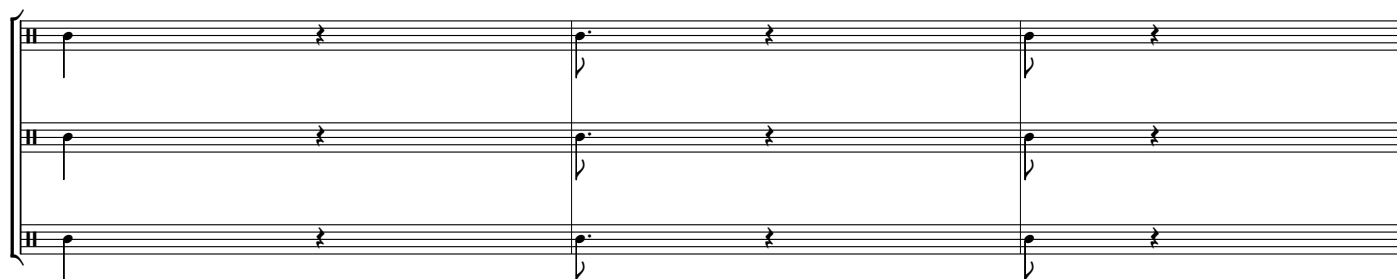


④

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$

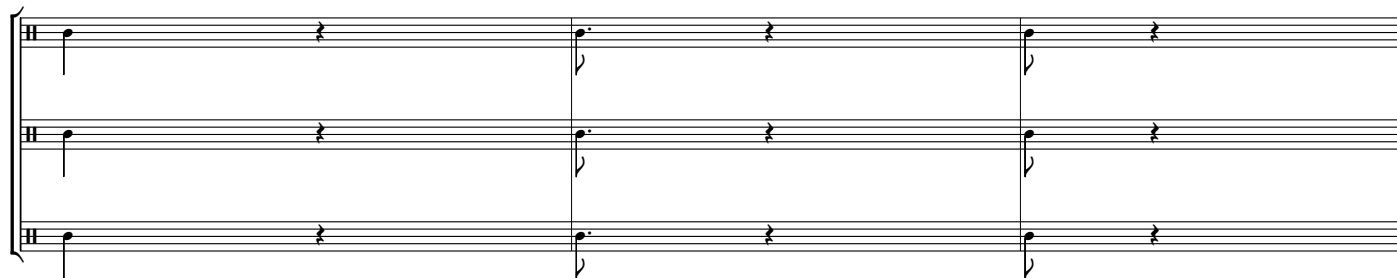


⑦

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{3}{8}$



A3 different silences: 1/4 and 1/8

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{2}{4}$

Exercise A3, measures 1-4. Each measure contains a red bracket on the first staff and a red bracket on the second staff, indicating silences.

④

$\frac{5}{16}$

$\frac{2}{4}$

Exercise A3, measures 5-7. Each measure contains a red bracket on the first staff and a red bracket on the second staff, indicating silences.

⑦

$\frac{7}{16}$

$\frac{2}{4}$

$\frac{5}{16}$

Exercise A3, measures 8-11. Each measure contains a red bracket on the first staff and a red bracket on the second staff, indicating silences.

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

$\frac{3}{8}$

$\frac{7}{16}$

Musical score for system 4, measures 1-4. The score is for three staves (treble, alto, and bass clefs). Measures 1 and 2 are in 7/16 time, measure 3 is in 3/8 time, and measure 4 is in 7/16 time. Red dashed lines with brackets indicate the grouping of performed moments across the staves.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Musical score for system 5, measures 1-3. The score is for three staves (treble, alto, and bass clefs). Measures 1 and 2 are in 2/4 time, measure 3 is in 7/16 time, and measure 4 is in 2/4 time. Red dashed lines with brackets indicate the grouping of performed moments across the staves.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Musical score for system 6, measures 1-3. The score is for three staves (treble, alto, and bass clefs). Measures 1 and 2 are in 7/16 time, measure 3 is in 2/4 time, and measure 4 is in 2/4 time. Red dashed lines with brackets indicate the grouping of performed moments across the staves.

A4 grouping performed moments

$\frac{7}{16}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

System 1, measures 1-3. The first measure is in $\frac{7}{16}$ time, the second in $\frac{3}{8}$, and the third in $\frac{7}{16}$. The notation includes three staves with various note values and rests. Red dashed lines and solid red brackets are used to group notes across the staves.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 4-6. The first measure is in $\frac{2}{4}$ time, the second in $\frac{7}{16}$, and the third in $\frac{2}{4}$. The notation includes three staves with various note values and rests. Red dashed lines and solid red brackets are used to group notes across the staves.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 7-9. The first measure is in $\frac{7}{16}$ time, the second in $\frac{2}{4}$, and the third in $\frac{2}{4}$. The notation includes three staves with various note values and rests. Red dashed lines and solid red brackets are used to group notes across the staves.

A₄ grouping performed moments

$\frac{7}{16}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

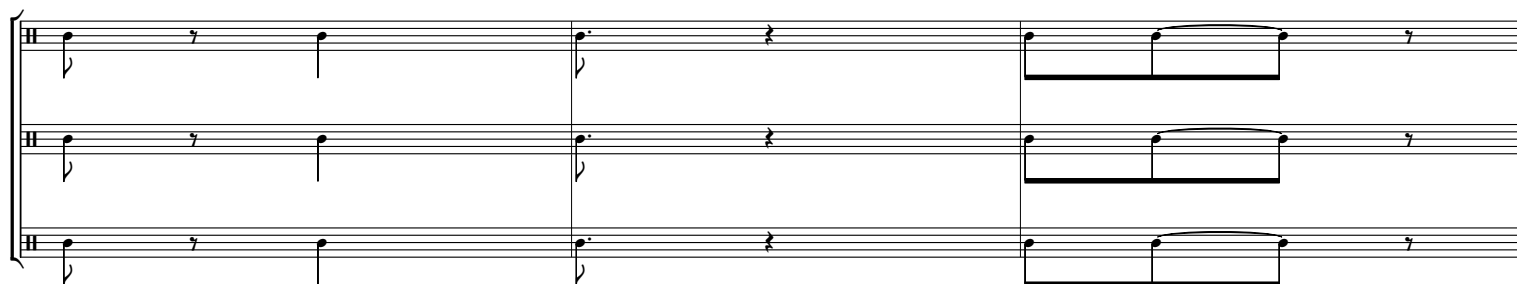


⑤

$\frac{2}{4}$

$\frac{7}{16}$

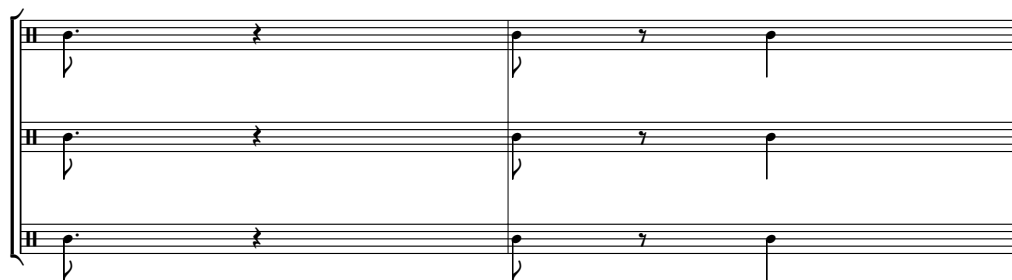
$\frac{2}{4}$



⑧

$\frac{7}{16}$

$\frac{2}{4}$



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

$\frac{7}{16}$

$\frac{2}{4}$

A5 adding initial silences

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The score is written for three staves (H, H, H). Measure 1 is in 2/4 time, measure 2 is in 7/16 time, measure 3 is in 3/8 time, and measure 4 is in 5/16 time. Red dashed lines indicate initial silences at the beginning of each measure.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score is written for three staves (H, H, H). Measure 5 is in 2/4 time, measure 6 is in 7/16 time, measure 7 is in 2/4 time, and measure 8 is in 2/4 time. Red dashed lines indicate initial silences at the beginning of each measure.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score is written for three staves (H, H, H). Measure 9 is in 7/16 time, measure 10 is in 2/4 time, measure 11 is in 2/4 time, and measure 12 is in 2/4 time. Red dashed lines indicate initial silences at the beginning of each measure.

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

$\frac{7}{16}$

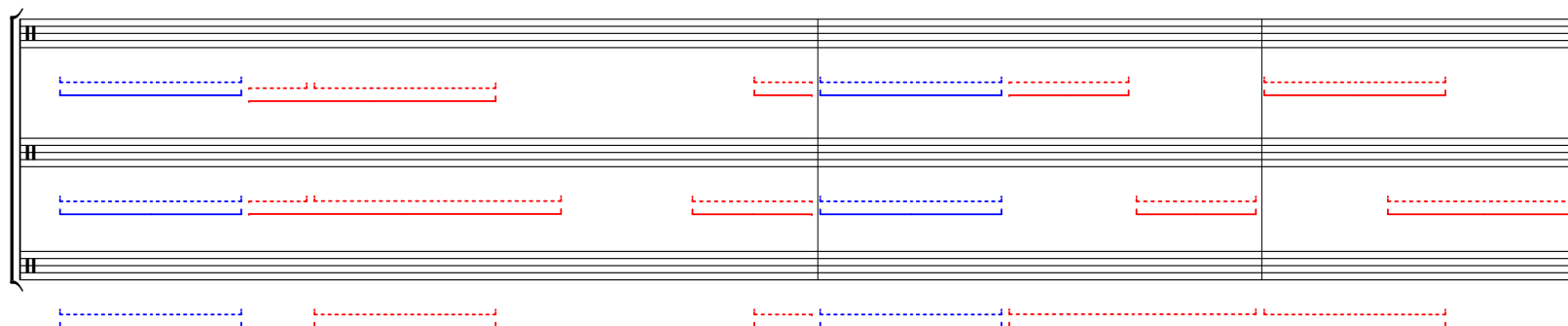
$\frac{2}{4}$

A6 overlaying red timespans with blue

$\frac{3}{4}$ ♩ = 72

$\frac{7}{16}$

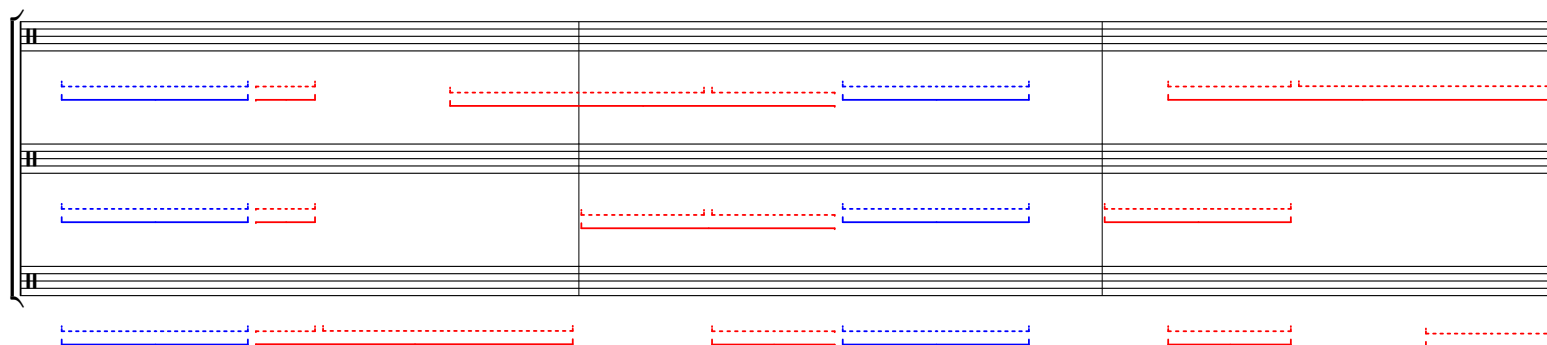
$\frac{5}{16}$



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

$\frac{7}{16}$

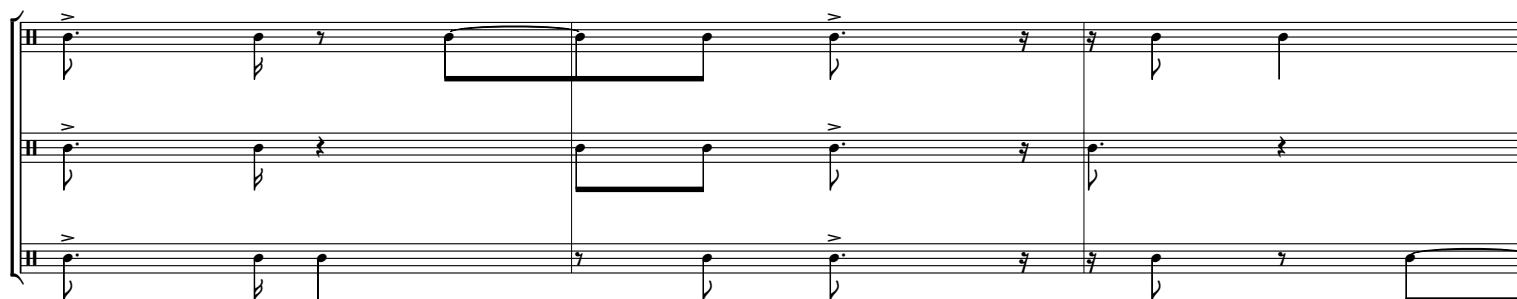
$\frac{5}{16}$



④

$\frac{2}{4}$

$\frac{7}{16}$



⑦

$\frac{5}{16}$

$\frac{2}{4}$

$\frac{5}{16}$

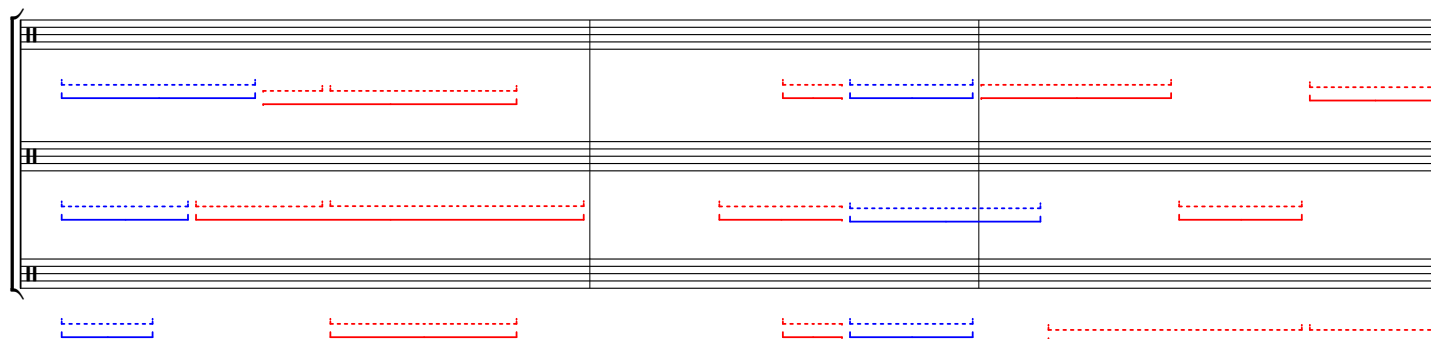


A7 desynchronizing blue timespan releases

$\frac{2}{4}$ ♪ = 72

$\frac{3}{8}$

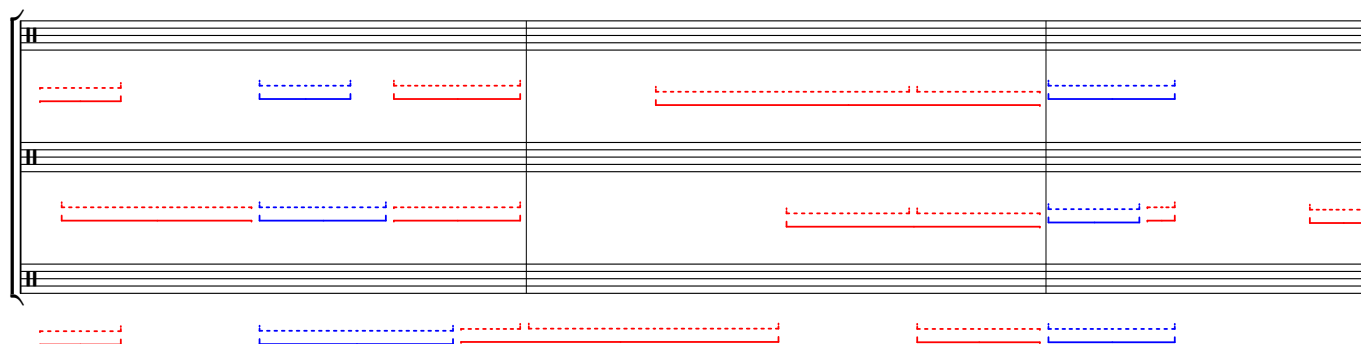
$\frac{7}{16}$



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

$\frac{3}{8}$

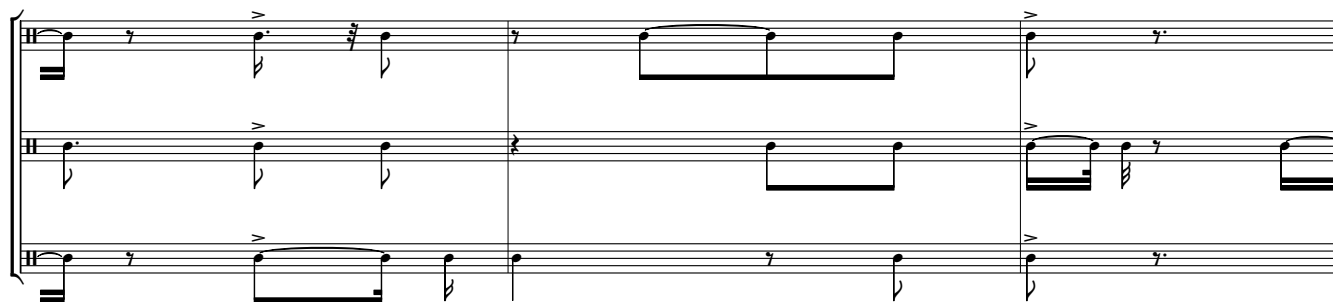
$\frac{7}{16}$



④

$\frac{2}{4}$

$\frac{5}{16}$

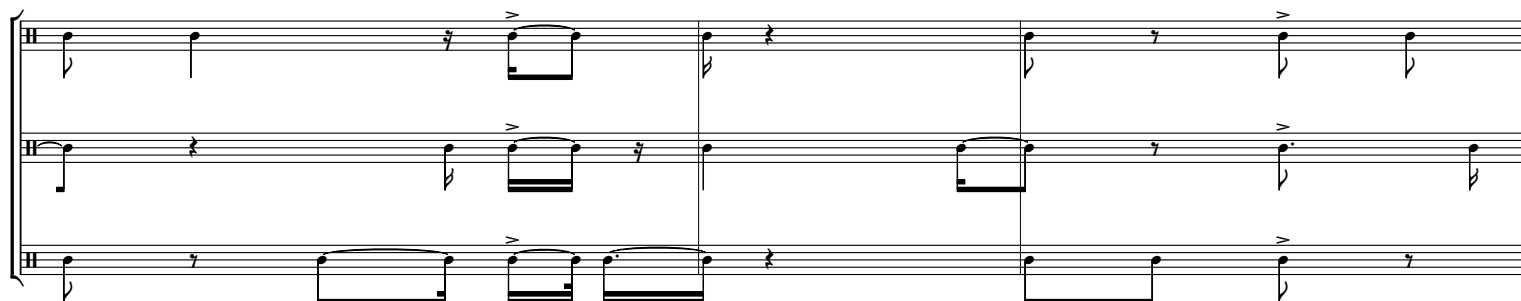


⑦

$\frac{3}{8}$

$\frac{5}{16}$

$\frac{2}{4}$



A8 shifting blue timespans attacks

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

Exercise A8, measures 1-4. The score consists of three staves. Measures 1 and 2 are in $\frac{2}{4}$ time, measures 3 and 4 are in $\frac{3}{8}$ time. Blue and red brackets indicate timespan attacks across the staves.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Exercise A8, measures 5-8. The score consists of three staves. Measures 5 and 6 are in $\frac{2}{4}$ time, measures 7 and 8 are in $\frac{7}{16}$ time. Red brackets indicate timespan attacks across the staves.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Exercise A8, measures 9-12. The score consists of three staves. Measures 9 and 10 are in $\frac{7}{16}$ time, measures 11 and 12 are in $\frac{2}{4}$ time. Blue and red brackets indicate timespan attacks across the staves.

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

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

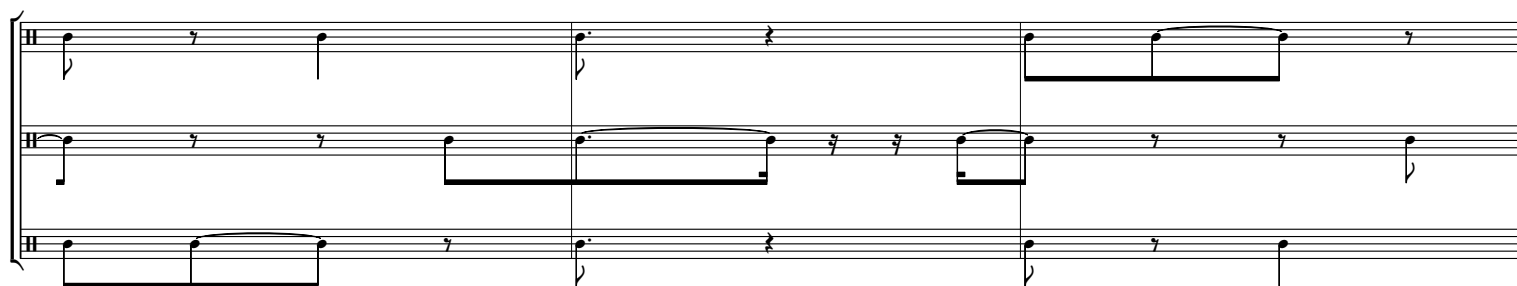


⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$



⑧

$\frac{7}{16}$

$\frac{2}{4}$



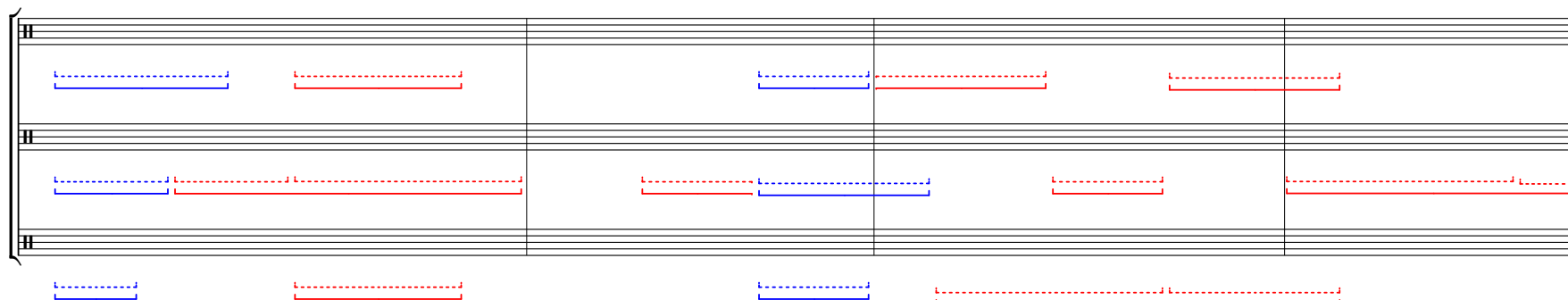
A9 masking out brief red timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

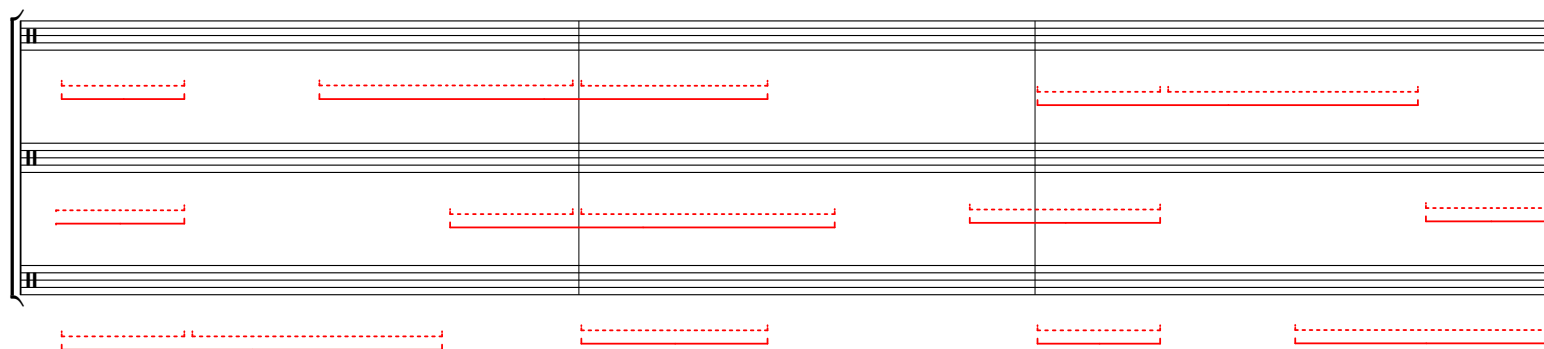


⑤

$\frac{2}{4}$

$\frac{7}{16}$

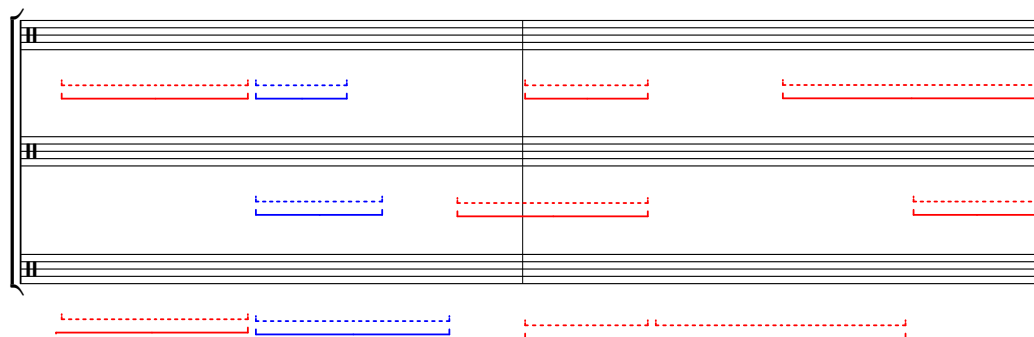
$\frac{2}{4}$



⑧

$\frac{7}{16}$

$\frac{2}{4}$



Ag masking out brief red timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

System 1, measures 1-4. The score is in 2/4 time with a tempo of 72. It features three staves with various notes and rests. Red dashed lines indicate timespans, and blue dashed lines indicate other timespans. The measures are grouped by time signatures: 2/4, 3/8, 7/16, and 5/16.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The score is in 2/4 time. It features three staves with various notes and rests. Red dashed lines indicate timespans. The measures are grouped by time signatures: 2/4, 7/16, and 2/4.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The score is in 2/4 time. It features three staves with various notes and rests. Red dashed lines indicate timespans, and blue dashed lines indicate other timespans. The measures are grouped by time signatures: 7/16 and 2/4.

A9 masking out brief red timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

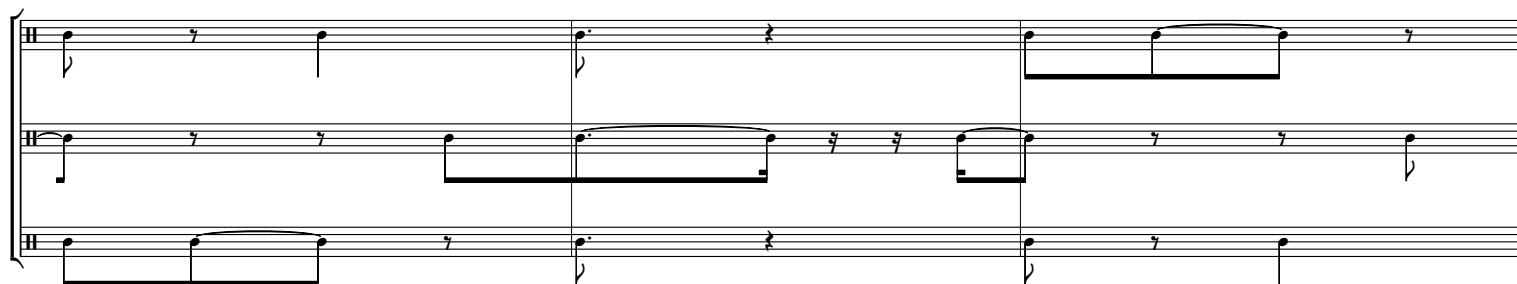


⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$



⑧

$\frac{7}{16}$

$\frac{2}{4}$



BI inscribing a rhythm

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

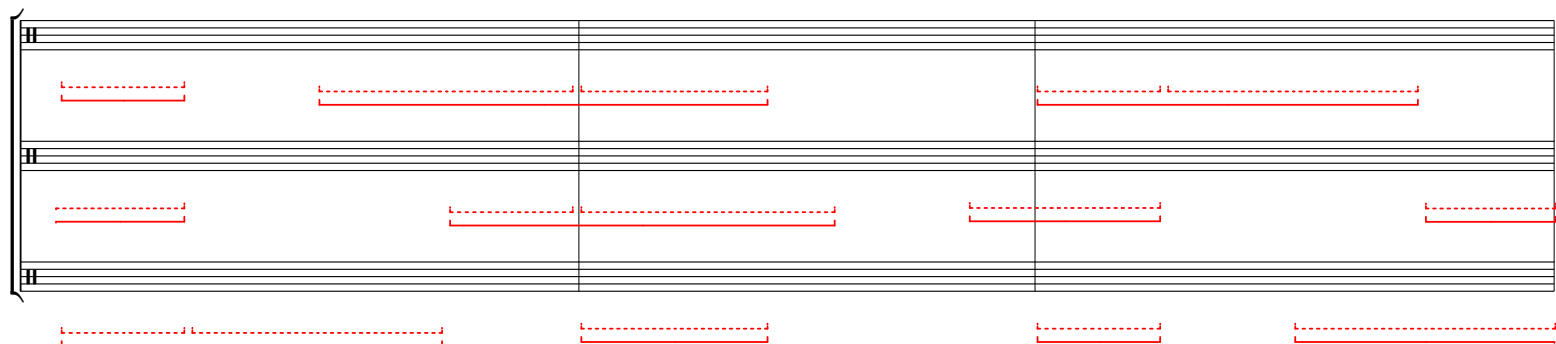


⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$



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 written for three staves (H, H, H). The first staff has a melody of eighth notes. The second staff has a melody of eighth notes. The third staff has a melody of eighth notes. Red dashed lines indicate the rhythm of the notes.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score is written for three staves (H, H, H). The first staff has a melody of eighth notes. The second staff has a melody of eighth notes. The third staff has a melody of eighth notes. Red dashed lines indicate the rhythm of the notes.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score is written for three staves (H, H, H). The first staff has a melody of eighth notes. The second staff has a melody of eighth notes. The third staff has a melody of eighth notes. Red dashed lines indicate the rhythm of the notes.

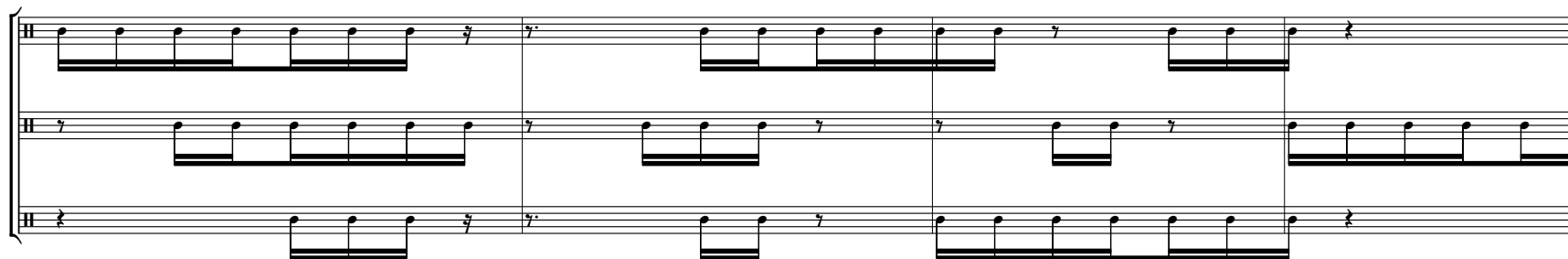
BI inscribing a rhythm

$\frac{2}{4}$ ♩ = 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

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

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

$\frac{7}{16}$

$\frac{2}{4}$

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 triplets

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

Exercise B4, measures 1-4. The score is in 2/4 time with a tempo of 72. It features three staves with various rhythmic patterns and triplet markings. Red dashed lines and '5:4' labels indicate the triplet groupings.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Exercise B4, measures 5-8. The score continues with three staves and various rhythmic patterns. Red dashed lines and '5:4' labels indicate the triplet groupings.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Exercise B4, measures 9-12. The score continues with three staves and various rhythmic patterns. Red dashed lines and '5:4' labels indicate the triplet groupings.

B₄ making triplets

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

Exercise B4, measures 1-4. The score is in 2/4 time with a tempo of 72. It features three staves with various rhythmic patterns and triplet markings. Red dashed lines and '5:4' labels indicate the timing of the triplets.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Exercise B4, measures 5-8. The score continues with three staves and various rhythmic patterns. Red dashed lines and '5:4' labels indicate the timing of the triplets.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Exercise B4, measures 9-12. The score continues with three staves and various rhythmic patterns. Red dashed lines and '5:4' labels indicate the timing of the triplets.

B4 making triplets

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

Exercise 4, measures 1-4. The score consists of three staves. Measure 1 has a 5:4 tuplet on the first staff. Measure 2 has a 5:4 tuplet on the second staff. Measure 3 has a 5:4 tuplet on the third staff. Measure 4 has a 5:4 tuplet on the first staff.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Exercise 5, measures 1-3. The score consists of three staves. Measure 1 has a 5:4 tuplet on the first staff. Measure 2 has a 5:4 tuplet on the second staff. Measure 3 has a 5:4 tuplet on the third staff.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Exercise 8, measures 1-2. The score consists of three staves. Measure 1 has a 5:4 tuplet on the first staff. Measure 2 has a 5:4 tuplet on the second staff.

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 shows three staves. Measure 1 has a 5:4 ratio between the first and second staves. Measure 2 has a 5:4 ratio between the first and second staves. Measure 3 has a 5:4 ratio between the first and second staves. Measure 4 has a 5:4 ratio between the first and second staves.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score shows three staves. Measure 5 has a 5:4 ratio between the first and second staves. Measure 6 has a 5:4 ratio between the first and second staves. Measure 7 has a 5:4 ratio between the first and second staves. Measure 8 has a 5:4 ratio between the first and second staves.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-10. The score shows three staves. Measure 9 has a 5:4 ratio between the first and second staves. Measure 10 has a 5:4 ratio between the first and second staves.

B5 changing notes into rests

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The notation shows three staves. Red dashed lines and '5:4' labels are used to indicate specific rhythmic intervals or groupings across the staves.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The notation shows three staves. Red dashed lines and '5:4' labels are used to indicate specific rhythmic intervals or groupings across the staves.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The notation shows three staves. Red dashed lines and '5:4' labels are used to indicate specific rhythmic intervals or groupings across the staves.

B5 changing notes into rests

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-3. The first staff has a 5:4 ratio marking under measures 1 and 2. The second staff has a 5:4 ratio marking under measures 1 and 2. The third staff has a 5:4 ratio marking under measures 2 and 3.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 4-5. The first staff has a 5:4 ratio marking under measures 4 and 5. The second staff has a 5:4 ratio marking under measures 4 and 5. The third staff has a 5:4 ratio marking under measures 4 and 5.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 6-7. The first staff has a 5:4 ratio marking under measures 6 and 7. The second staff has a 5:4 ratio marking under measures 6 and 7. The third staff has a 5:4 ratio marking under measures 6 and 7.

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 shows three staves. Measure 1 (2/4) has a half note followed by a quarter note. Measure 2 (7/16) has a quarter note followed by an eighth note. Measure 3 (3/8) has a quarter note. Measure 4 (5/16) has an eighth note. Red dashed lines and brackets indicate 3:2 ratios between notes in measures 2 and 3.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The score shows three staves. Measure 5 (2/4) has a half note followed by a quarter note. Measure 6 (7/16) has a quarter note followed by an eighth note. Measure 7 (2/4) has a half note followed by a quarter note. Red dashed lines and brackets indicate 3:2 ratios between notes in measures 6 and 7.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The score shows three staves. Measure 8 (7/16) has a quarter note followed by an eighth note. Measure 9 (2/4) has a half note followed by a quarter note. Red dashed lines and brackets indicate 3:2 ratios between notes in measures 8 and 9.

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 shows three staves. Measure 1 (2/4) has a half note on C4 and a half note on C5. Measure 2 (7/16) has a quarter note on C4, a quarter note on C5, and a quarter note on C6. Measure 3 (3/8) has a quarter note on C4 and a quarter note on C5. Measure 4 (5/16) has a quarter note on C4, a quarter note on C5, and a quarter note on C6. Red dashed lines and brackets indicate 3:2 ratios between notes in measures 2 and 3.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The score shows three staves. Measure 5 (2/4) has a half note on C4 and a half note on C5. Measure 6 (7/16) has a quarter note on C4, a quarter note on C5, and a quarter note on C6. Measure 7 (2/4) has a half note on C4 and a half note on C5. Red dashed lines and brackets indicate 3:2 ratios between notes in measures 6 and 7.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The score shows three staves. Measure 8 (7/16) has a quarter note on C4, a quarter note on C5, and a quarter note on C6. Measure 9 (2/4) has a half note on C4 and a half note on C5. Red dashed lines and brackets indicate 3:2 ratios between notes in measures 8 and 9.

B6a rotating rhythm patterns (i)

$\frac{2}{4}$ ♩ = 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. Red dashed lines and brackets labeled '4:3' indicate proportional relationships between notes across staves. The notation includes eighth and sixteenth notes, some beamed together, and rests.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score continues the rhythmic patterns. Red dashed lines and brackets labeled '4:3' indicate proportions. The notation includes eighth and sixteenth notes, some beamed together, and rests.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score shows the final measures. Red dashed lines and brackets labeled '4:3' indicate proportions. The notation includes eighth and sixteenth notes, some beamed together, and rests.

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 with rotating rhythm patterns. Red dashed lines and brackets indicate 4:3 ratio groupings across the measures.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score continues the rotating rhythm patterns from system 1. Red dashed lines and brackets indicate 4:3 ratio groupings.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score continues the rotating rhythm patterns. Red dashed lines and brackets indicate 4:3 ratio groupings.

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 is written for three staves. Measure 1 (2/4) features a half note G4 and a half note E4. Measure 2 (7/16) features a quarter note G4, a quarter note E4, and a quarter note C4. Measure 3 (3/8) features a quarter note G4 and a quarter note E4. Measure 4 (5/16) features a quarter note G4, a quarter note E4, and a quarter note C4. A 4:3 ratio is indicated between measures 2 and 3.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The score is written for three staves. Measure 5 (2/4) features a half note G4 and a half note E4. Measure 6 (7/16) features a quarter note G4, a quarter note E4, and a quarter note C4. Measure 7 (2/4) features a half note G4 and a half note E4. A 4:3 ratio is indicated between measures 6 and 7.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The score is written for three staves. Measure 8 (7/16) features a quarter note G4, a quarter note E4, and a quarter note C4. Measure 9 (2/4) features a half note G4 and a half note E4. A 4:3 ratio is indicated between measures 8 and 9.

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. The first staff has a pattern of eighth notes with a 4:3 ratio indicated. The second staff has a pattern of eighth notes with a 3:2 ratio indicated. The third staff has a pattern of eighth notes with a 4:3 ratio indicated.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score shows three staves. The first staff has a pattern of eighth notes with a 3:2 ratio indicated. The second staff has a pattern of eighth notes with a 4:3 ratio indicated. The third staff has a pattern of eighth notes with a 3:2 ratio indicated.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score shows three staves. The first staff has a pattern of eighth notes with a 4:3 ratio indicated. The second staff has a pattern of eighth notes with a 4:3 ratio indicated. The third staff has a pattern of eighth notes with a 4:3 ratio indicated.

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 9-10. 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 shows three staves. 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.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score shows three staves. 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.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score shows three staves. Measure 9 has a 4:3 ratio. Measure 10 has a 4:3 ratio. Measure 11 has a 4:3 ratio. Measure 12 has 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 and consists of three staves. Red dashed lines with '5:4' labels indicate specific rhythmic intervals across the staves.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score is in 3/4 time and consists of three staves. Red dashed lines with '5:4' labels indicate specific rhythmic intervals across the staves.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score is in 3/4 time and consists of three staves. Red dashed lines with '5:4' labels indicate specific rhythmic intervals across the staves.

B6d rotating rhythm patterns (4)

$\frac{2}{4}$ ♩ = 72

$\frac{7}{16}$

$\frac{3}{8}$

$\frac{5}{16}$

System 1, measures 1-4. The notation shows three staves with rotating rhythm patterns. Red dashed lines and '5:4' labels indicate the relationships between notes across measures. Measure 1 is in 2/4, measure 2 in 7/16, measure 3 in 3/8, and measure 4 in 5/16.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The notation shows three staves with rotating rhythm patterns. Red dashed lines and '5:4' labels indicate the relationships between notes across measures. Measure 5 is in 2/4, measure 6 in 7/16, and measure 7 in 2/4.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The notation shows three staves with rotating rhythm patterns. Red dashed lines and '5:4' labels indicate the relationships between notes across measures. Measure 8 is in 7/16 and measure 9 is in 2/4.

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 shows three staves with rotating rhythm patterns. Measure 1 has a 5:4 ratio bracketed under the first staff. Measure 2 has a 5:4 ratio bracketed under the second staff. Measure 3 has a 5:4 ratio bracketed under the third staff. Measure 4 has a 5:4 ratio bracketed under the first staff.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-7. The score shows three staves with rotating rhythm patterns. Measure 5 has a 5:4 ratio bracketed under the first staff. Measure 6 has a 5:4 ratio bracketed under the second staff. Measure 7 has a 5:4 ratio bracketed under the third staff.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 8-9. The score shows three staves with rotating rhythm patterns. Measure 8 has a 5:4 ratio bracketed under the first staff. Measure 9 has a 5:4 ratio bracketed under the second staff.

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). It features three staves with various rhythmic patterns and time signature changes. Blue dashed lines and red solid lines with labels (4:3, 3:2, 5:4) indicate specific rhythmic spans.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Second system of musical notation (measures 5-8). It continues the rhythmic patterns from the first system, with blue dashed lines and red solid lines indicating spans (3:2, 5:4, 4:3).

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Third system of musical notation (measures 9-12). It shows further rhythmic development with blue dashed lines and red solid 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). It features three staves with various rhythmic patterns and time signatures. Blue dashed lines and red solid lines with labels like 4:3, 3:2, and 5:4 indicate specific rhythmic spans.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Second system of musical notation (measures 5-8). It continues the rhythmic patterns from the first system, with blue dashed lines and red solid lines indicating spans like 3:2, 5:4, and 4:3.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Third system of musical notation (measures 9-12). It shows the final measures of the piece, maintaining the complex rhythmic structure with blue dashed lines and red solid lines indicating spans like 4:3, 3:2, and 5:4.

B7 reintroducing blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

Measures 1-4 of the first system. The notation includes three staves with various rhythmic patterns. Brackets below the notes indicate time signature changes: 4:3, 3:2, 4:3, 5:4, 4:3, 5:4, 4:3, and 5:4.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Measures 5-7 of the second system. The notation includes three staves with various rhythmic patterns. Brackets below the notes indicate time signature changes: 3:2, 5:4, 3:2, 4:3, 3:2, 4:3, 3:2, and 5:4.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Measures 8-9 of the third system. The notation includes three staves with various rhythmic patterns. Brackets below the notes indicate time signature changes: 4:3, 3:2, 5:4, 4:3, 3:2, and 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. The score shows three staves. Measure 1 has a blue dashed line under the first two notes and a red dotted line labeled 4:3 under the last two notes. Measure 2 has a blue dashed line under the first two notes and a red dotted line labeled 3:2 under the last two notes. Measure 3 has a blue dashed line under the first two notes and a red dotted line labeled 4:3 under the last two notes. Measure 4 has a blue dashed line under the first two notes and a red dotted line labeled 5:4 under the last two notes.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. The score shows three staves. Measure 5 has a blue dashed line under the first two notes and a red dotted line labeled 3:2 under the last two notes. Measure 6 has a blue dashed line under the first two notes and a red dotted line labeled 5:4 under the last two notes. Measure 7 has a blue dashed line under the first two notes and a red dotted line labeled 4:3 under the last two notes. Measure 8 has a blue dashed line under the first two notes and a red dotted line labeled 3:2 under the last two notes.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score shows three staves. Measure 9 has a blue dashed line under the first two notes and a red dotted line labeled 4:3 under the last two notes. Measure 10 has a blue dashed line under the first two notes and a red dotted line labeled 3:2 under the last two notes. Measure 11 has a blue dashed line under the first two notes and a red dotted line labeled 5:4 under the last two notes. Measure 12 has a blue dashed line under the first two notes and a red dotted line labeled 3:2 under the last two notes.

B8 adding rhythms to blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

System 1, measures 1-4. The score shows three staves. Measure 1 has a blue dashed line under the first two notes and a red solid line with a 4:3 ratio under the next two. Measure 2 has a red solid line with a 3:2 ratio under the first two notes. Measure 3 has a blue dashed line under the first two notes and a red solid line with a 4:3 ratio under the next two. Measure 4 has a red solid line with a 5:4 ratio under the first two notes and a red solid line with a 4:3 ratio under the next two.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. Measure 5 has a red solid line with a 3:2 ratio under the first two notes and a red solid line with a 5:4 ratio under the next two. Measure 6 has a red solid line with a 3:2 ratio under the first two notes and a red solid line with a 4:3 ratio under the next two. Measure 7 has a red solid line with a 3:2 ratio under the first two notes and a red solid line with a 5:4 ratio under the next two. Measure 8 has a red solid line with a 3:2 ratio under the first two notes and a red solid line with a 5:4 ratio under the next two.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. Measure 9 has a red solid line with a 4:3 ratio under the first two notes and a blue dashed line under the next two. Measure 10 has a red solid line with a 3:2 ratio under the first two notes and a red solid line with a 5:4 ratio under the next two. Measure 11 has a blue dashed line under the first two notes and a red solid line with a 4:3 ratio under the next two. Measure 12 has a red solid line with a 3:2 ratio under the first two notes and a red solid line with a 5:4 ratio under the next two.

B8 adding rhythms to blue timespans

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

Exercise B8, measures 1-4. The notation is in 3/8 time and consists of three staves. 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 5:4 ratio.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Exercise B8, measures 5-7. The notation is in 2/4 time and consists of three staves. Measure 5 has a 3:2 ratio. Measure 6 has a 5:4 ratio. Measure 7 has a 3:2 ratio.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Exercise B8, measures 8-9. The notation is in 2/4 time and consists of three staves. Measure 8 has a 4:3 ratio. Measure 9 has a 3:2 ratio.

C_I adding grace notes (every red attack)

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

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

⑧ $\frac{7}{16}$ $\frac{2}{4}$

C_I adding grace notes (every red attack)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

System 1 (Measures 1-4):

- Measure 1: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 4:3 is indicated.
- Measure 2: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 3:2 is indicated.
- Measure 3: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 3:2 is indicated.
- Measure 4: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 5:4 is indicated.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2 (Measures 5-8):

- Measure 5: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 3:2 is indicated.
- Measure 6: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 5:4 is indicated.
- Measure 7: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 3:2 is indicated.
- Measure 8: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 4:3 is indicated.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3 (Measures 9-12):

- Measure 9: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 4:3 is indicated.
- Measure 10: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 3:2 is indicated.
- Measure 11: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 5:4 is indicated.
- Measure 12: Top staff has a half note with a grace note. Bottom staff has a half note with a grace note. Ratio 3:2 is indicated.

C2 adding grace notes (every other red attack)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

Three staves of music. Measure 1 (2/4) has a half note on C4 and a half note on C5. Measure 2 (3/8) has a quarter note on C4, a quarter note on C5, and an eighth note on C6. Measure 3 (7/16) has a quarter note on C4, a quarter note on C5, and a half note on C6. Measure 4 (5/16) has a quarter note on C4, a quarter note on C5, and a half note on C6. Red dashed lines indicate attacks, and blue dashed lines indicate grace notes. Ratios like 4:3 and 5:4 are shown between notes.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

Three staves of music. Measure 5 (2/4) has a half note on C4 and a half note on C5. Measure 6 (7/16) has a quarter note on C4, a quarter note on C5, and a half note on C6. Measure 7 (2/4) has a half note on C4 and a half note on C5. Red dashed lines indicate attacks, and blue dashed lines indicate grace notes. Ratios like 5:4 and 3:2 are shown between notes.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

Three staves of music. Measure 9 (7/16) has a quarter note on C4, a quarter note on C5, and a half note on C6. Measure 10 (2/4) has a half note on C4 and a half note on C5. Measures 11-12 (2/4) have a half note on C4 and a half note on C5. Red dashed lines indicate attacks, and blue dashed lines indicate grace notes. Ratios like 5:4, 4:3, and 3:2 are shown between notes.

C2 adding grace notes (every other red attack)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

System 1, measures 1-4. Ratios: 4:3, 5:4, 7:16, 5:4.

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

System 2, measures 5-8. Ratios: 5:4, 5:4, 3:2, 5:4.

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. Ratios: 5:4, 4:3, 3:2, 5:4.

C3 adding grace notes (a longer pattern)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

⑧

$\frac{7}{16}$

$\frac{2}{4}$

C3 adding grace notes (a longer pattern)

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{7}{16}$

$\frac{5}{16}$

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

⑤

$\frac{2}{4}$

$\frac{7}{16}$

$\frac{2}{4}$

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

⑧

$\frac{7}{16}$

$\frac{2}{4}$

System 3, measures 9-12. The score consists of three staves. Measure 9 contains a 5:4 ratio. Measure 10 contains a 4:3 ratio. Measure 11 contains a 5:4 ratio. Measure 12 contains a 3:2 ratio.