

EvenRunRhythmMaker()

The first system of the musical score for 'The Rose Tree' is written on a single staff. It begins with a treble clef and a key signature of one flat (B-flat). The melody consists of a series of eighth notes: G4, A4, Bb4, A4, G4, F4, E4, D4, C4, Bb3, A3, G3, F3, E3, D3, C3, Bb2, A2, G2, F2, E2, D2, C2, Bb1, A1, G1, F1, E1, D1, C1, Bb0, A0, G0, F0, E0, D0, C0, Bb-1, A-1, G-1, F-1, E-1, D-1, C-1, Bb-2, A-2, G-2, F-2, E-2, D-2, C-2, Bb-3, A-3, G-3, F-3, E-3, D-3, C-3, Bb-4, A-4, G-4, F-4, E-4, D-4, C-4, Bb-5, A-5, G-5, F-5, E-5, D-5, C-5, Bb-6, A-6, G-6, F-6, E-6, D-6, C-6, Bb-7, A-7, G-7, F-7, E-7, D-7, C-7, Bb-8, A-8, G-8, F-8, E-8, D-8, C-8, Bb-9, A-9, G-9, F-9, E-9, D-9, C-9, Bb-10, A-10, G-10, F-10, E-10, D-10, C-10, Bb-11, A-11, G-11, F-11, E-11, D-11, C-11, Bb-12, A-12, G-12, F-12, E-12, D-12, C-12, Bb-13, A-13, G-13, F-13, E-13, D-13, C-13, Bb-14, A-14, G-14, F-14, E-14, D-14, C-14, Bb-15, A-15, G-15, F-15, E-15, D-15, C-15, Bb-16, A-16, G-16, F-16, E-16, D-16, C-16, Bb-17, A-17, G-17, F-17, E-17, D-17, C-17, Bb-18, A-18, G-18, F-18, E-18, D-18, C-18, Bb-19, A-19, G-19, F-19, E-19, D-19, C-19, Bb-20, A-20, G-20, F-20, E-20, D-20, C-20, Bb-21, A-21, G-21, F-21, E-21, D-21, C-21, Bb-22, A-22, G-22, F-22, E-22, D-22, C-22, Bb-23, A-23, G-23, F-23, E-23, D-23, C-23, Bb-24, A-24, G-24, F-24, E-24, D-24, C-24, Bb-25, A-25, G-25, F-25, E-25, D-25, C-25, Bb-26, A-26, G-26, F-26, E-26, D-26, C-26, Bb-27, A-27, G-27, F-27, E-27, D-27, C-27, Bb-28, A-28, G-28, F-28, E-28, D-28, C-28, Bb-29, A-29, G-29, F-29, E-29, D-29, C-29, Bb-30, A-30, G-30, F-30, E-30, D-30, C-30, Bb-31, A-31, G-31, F-31, E-31, D-31, C-31, Bb-32, A-32, G-32, F-32, E-32, D-32, C-32, Bb-33, A-33, G-33, F-33, E-33, D-33, C-33, Bb-34, A-34, G-34, F-34, E-34, D-34, C-34, Bb-35, A-35, G-35, F-35, E-35, D-35, C-35, Bb-36, A-36, G-36, F-36, E-36, D-36, C-36, Bb-37, A-37, G-37, F-37, E-37, D-37, C-37, Bb-38, A-38, G-38, F-38, E-38, D-38, C-38, Bb-39, A-39, G-39, F-39, E-39, D-39, C-39, Bb-40, A-40, G-40, F-40, E-40, D-40, C-40, Bb-41, A-41, G-41, F-41, E-41, D-41, C-41, Bb-42, A-42, G-42, F-42, E-42, D-42, C-42, Bb-43, A-43, G-43, F-43, E-43, D-43, C-43, Bb-44, A-44, G-44, F-44, E-44, D-44, C-44, Bb-45, A-45, G-45, F-45, E-45, D-45, C-45, Bb-46, A-46, G-46, F-46, E-46, D-46, C-46, Bb-47, A-47, G-47, F-47, E-47, D-47, C-47, Bb-48, A-48, G-48, F-48, E-48, D-48, C-48, Bb-49, A-49, G-49, F-49, E-49, D-49, C-49, Bb-50, A-50, G-50, F-50, E-50, D-50, C-50, Bb-51, A-51, G-51, F-51, E-51, D-51, C-51, Bb-52, A-52, G-52, F-52, E-52, D-52, C-52, Bb-53, A-53, G-53, F-53, E-53, D-53, C-53, Bb-54, A-54, G-54, F-54, E-54, D-54, C-54, Bb-55, A-55, G-55, F-55, E-55, D-55, C-55, Bb-56, A-56, G-56, F-56, E-56, D-56, C-56, Bb-57, A-57, G-57, F-57, E-57, D-57, C-57, Bb-58, A-58, G-58, F-58, E-58, D-58, C-58, Bb-59, A-59, G-59, F-59, E-59, D-59, C-59, Bb-60, A-60, G-60, F-60, E-60, D-60, C-60, Bb-61, A-61, G-61, F-61, E-61, D-61, C-61, Bb-62, A-62, G-62, F-62, E-62, D-62, C-62, Bb-63, A-63, G-63, F-63, E-63, D-63, C-63, Bb-64, A-64, G-64, F-64, E-64, D-64, C-64, Bb-65, A-65, G-65, F-65, E-65, D-65, C-65, Bb-66, A-66, G-66, F-66, E-66, D-66, C-66, Bb-67, A-67, G-67, F-67, E-67, D-67, C-67, Bb-68, A-68, G-68, F-68, E-68, D-68, C-68, Bb-69, A-69, G-69, F-69, E-69, D-69, C-69, Bb-70, A-70, G-70, F-70, E-70, D-70, C-70, Bb-71, A-71, G-71, F-71, E-71, D-71, C-71, Bb-72, A-72, G-72, F-72, E-72, D-72, C-72, Bb-73, A-73, G-73, F-73, E-73, D-73, C-73, Bb-74, A-74, G-74, F-74, E-74, D-74, C-74, Bb-75, A-75, G-75, F-75, E-75, D-75, C-75, Bb-76, A-76, G-76, F-76, E-76, D-76, C-76, Bb-77, A-77, G-77, F-77, E-77, D-77, C-77, Bb-78, A-78, G-78, F-78, E-78, D-78, C-78, Bb-79, A-79, G-79, F-79, E-79, D-79, C-79, Bb-80, A-80, G-80, F-80, E-80, D-80, C-80, Bb-81, A-81, G-81, F-81, E-81, D-81, C-81, Bb-82, A-82, G-82, F-82, E-82, D-82, C-82, Bb-83, A-83, G-83, F-83, E-83, D-83, C-83, Bb-84, A-84, G-84, F-84, E-84, D-84, C-84, Bb-85, A-85, G-85, F-85, E-85, D-85, C-85, Bb-86, A-86, G-86, F-86, E-86, D-86, C-86, Bb-87, A-87, G-87, F-87, E-87, D-87, C-87, Bb-88, A-88, G-88, F-88, E-88, D-88, C-88, Bb-89, A-89, G-89, F-89, E-89, D-89, C-89, Bb-90, A-90, G-90, F-90, E-90, D-90, C-90, Bb-91, A-91, G-91, F-91, E-91, D-91, C-91, Bb-92, A-92, G-92, F-92, E-92, D-92, C-92, Bb-93, A-93, G-93, F-93, E-93, D-93, C-93, Bb-94, A-94, G-94, F-94, E-94, D-94, C-94, Bb-95, A-95, G-95, F-95, E-95, D-95, C-95, Bb-96, A-96, G-96, F-96, E-96, D-96, C-96, Bb-97, A-97, G-97, F-97, E-97, D-97, C-97, Bb-98, A-98, G-98, F-98, E-98, D-98, C-98, Bb-99, A-99, G-99, F-99, E-99, D-99, C-99, Bb-100, A-100, G-100, F-100, E-100, D-100, C-100, Bb-101, A-101, G-101, F-101, E-101, D-101, C-101, Bb-102, A-102, G-102, F-102, E-102, D-102, C-102, Bb-103, A-103, G-103, F-103, E-103, D-103, C-103, Bb-104, A-104, G-104, F-104, E-104, D-104, C-104, Bb-105, A-105, G-105, F-105, E-105, D-105, C-105, Bb-106, A-106, G-106, F-106, E-106, D-106, C-106, Bb-107, A-107, G-107, F-107, E-107, D-107, C-107, Bb-108, A-108, G-108, F-108, E-108, D-108, C-108, Bb-109, A-109, G-109, F-10

ER 1-3

3/15 3/16 5/24 5/16

15.8 15.8 3.2 3.2

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EvenRunRhythmMaker(
    beam_specifier=BeamSpecifier(
        beam_each_division=True,
        beam_divisions_together=True,
    ),
)

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ER 2-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

3:2 3:2

Detailed description: The staff contains four measures. The first measure has a $\frac{4}{16}$ time signature and four beamed eighth notes. The second measure has a $\frac{5}{16}$ time signature and five beamed eighth notes. The third measure has a $\frac{1}{2}$ time signature and a single half note. The fourth measure has a $\frac{2}{12}$ time signature and a pair of beamed eighth notes with a 3:2 beam specification above them.

$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$

3:2

Detailed description: The staff contains four measures. The first measure has a $\frac{1}{2}$ time signature and a single half note. The second measure has a $\frac{2}{12}$ time signature and a pair of beamed eighth notes with a 3:2 beam specification above them. The third measure has a $\frac{4}{16}$ time signature and four beamed eighth notes. The fourth measure has a $\frac{5}{16}$ time signature and five beamed eighth notes. The staff ends with a double bar line.

ER 2-2

$\frac{1}{11}$ $\frac{3}{8}$

11:8

Detailed description: The staff contains four measures. The first measure has a $\frac{1}{11}$ time signature and a single note. The second measure has a $\frac{3}{8}$ time signature and three beamed eighth notes. The third and fourth measures continue the sequence of notes. A 11:8 beam specification is shown above the first two measures.

$\frac{1}{11}$ $\frac{3}{8}$

11:8

Detailed description: The staff contains four measures. The first two measures continue the sequence from the previous staff. The third measure has a $\frac{1}{11}$ time signature and a single note. The fourth measure has a $\frac{3}{8}$ time signature and three beamed eighth notes. A 11:8 beam specification is shown above the third and fourth measures. The staff ends with a double bar line.

ER 2-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

15:8 15:8 3:2 3:2

Detailed description: The staff contains four measures. The first measure has a $\frac{3}{15}$ time signature and three beamed eighth notes. The second measure has a $\frac{3}{16}$ time signature and three beamed eighth notes. The third measure has a $\frac{5}{24}$ time signature and five beamed eighth notes. The fourth measure has a $\frac{5}{16}$ time signature and five beamed eighth notes. Beam specifications of 15:8, 15:8, 3:2, and 3:2 are shown above the measures.

$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

3:2 3:2 7:4 7:4 9:8 9:8

Detailed description: The staff contains six measures. The first measure has a $\frac{2}{12}$ time signature and two beamed eighth notes. The second measure has a $\frac{2}{8}$ time signature and two beamed eighth notes. The third measure has a $\frac{3}{28}$ time signature and three beamed eighth notes. The fourth measure has a $\frac{3}{16}$ time signature and three beamed eighth notes. The fifth measure has a $\frac{1}{9}$ time signature and a single note. The sixth measure has a $\frac{1}{8}$ time signature and a single note. Beam specifications of 3:2, 3:2, 7:4, 7:4, 9:8, and 9:8 are shown above the measures. The staff ends with a double bar line.

ER 2-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

5:4

Detailed description: The staff contains three measures. The first measure has a $\frac{9}{16}$ time signature and nine beamed sixteenth notes. The second measure has a $\frac{1}{5}$ time signature and a single note. The third measure has a $\frac{9}{16}$ time signature and nine beamed sixteenth notes. A 5:4 beam specification is shown above the second measure.

$\frac{1}{5}$ $\frac{9}{16}$

5:4

Detailed description: The staff contains two measures. The first measure has a $\frac{1}{5}$ time signature and a single note. The second measure has a $\frac{9}{16}$ time signature and nine beamed sixteenth notes. A 5:4 beam specification is shown above the first measure. The staff ends with a double bar line.

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EvenRunRhythmMaker(  
    beam_specifier=BeamSpecifier(  
        beam_each_division=False,  
        beam_divisions_together=False,  
    ),  
)
```

ER 3-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$

ER 3-2

$\frac{1}{11}$ $\frac{3}{8}$

$\frac{1}{11}$ $\frac{3}{8}$

ER 3-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

ER 3-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

$\frac{1}{5}$ $\frac{9}{16}$

```

EvenRunRhythmMaker(
    tie_specifier=TieSpecifier(
        tie_across_divisions=True,
        tie_split_notes=True,
    ),
)

```

ER 4-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

3:2

This musical staff for ER 4-1 contains a sequence of notes. It begins with a $\frac{4}{16}$ time signature, followed by a $\frac{5}{16}$ section, then a $\frac{1}{2}$ section, and finally a $\frac{2}{12}$ section. A bracket labeled '3:2' spans the final two notes of the staff.

$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$

3:2

This musical staff shows a sequence of notes with time signatures $\frac{1}{2}$, $\frac{2}{12}$, $\frac{4}{16}$, and $\frac{5}{16}$. A bracket labeled '3:2' is placed over the first two notes.

ER 4-2

$\frac{1}{11}$ $\frac{3}{8}$

11:8

This musical staff for ER 4-2 contains a sequence of notes with time signatures $\frac{1}{11}$ and $\frac{3}{8}$. A bracket labeled '11:8' spans the first two notes.

$\frac{1}{11}$ $\frac{3}{8}$

11:8

This musical staff shows a sequence of notes with time signatures $\frac{1}{11}$ and $\frac{3}{8}$. A bracket labeled '11:8' spans the first two notes.

ER 4-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

15:8 15:8 3:2 3:2

This musical staff for ER 4-3 contains a sequence of notes with time signatures $\frac{3}{15}$, $\frac{3}{16}$, $\frac{5}{24}$, and $\frac{5}{16}$. Brackets labeled '15:8', '15:8', '3:2', and '3:2' are placed over groups of notes.

$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

3:2 3:2 7:4 7:4 9:8 9:8

This musical staff shows a sequence of notes with time signatures $\frac{2}{12}$, $\frac{2}{8}$, $\frac{3}{28}$, $\frac{3}{16}$, $\frac{1}{9}$, and $\frac{1}{8}$. Brackets labeled '3:2', '3:2', '7:4', '7:4', '9:8', and '9:8' are placed over groups of notes.

ER 4-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

5:4

This musical staff for ER 4-4 contains a sequence of notes with time signatures $\frac{9}{16}$, $\frac{1}{5}$, and $\frac{9}{16}$. A bracket labeled '5:4' spans the middle section.

$\frac{1}{5}$ $\frac{9}{16}$

5:4

This musical staff shows a sequence of notes with time signatures $\frac{1}{5}$ and $\frac{9}{16}$. A bracket labeled '5:4' spans the first two notes.

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EvenRunRhythmMaker(  
  exponent=1,  
)
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ER 5-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$

ER 5-2

$\frac{1}{11}$ $\frac{3}{8}$

$\frac{1}{11}$ $\frac{3}{8}$

ER 5-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

ER 5-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

$\frac{1}{5}$ $\frac{9}{16}$