

# Ronald Bonitatibus

## Collatzeral Branches

for four like saxophones

Score and Parts

SAMPLE SCORE FROM RONALD BONITATIBUS.COM

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# Collatzeral Branches

for four like saxophones  
(2021)

Duration ca. 4:21

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## Collatzeral Branches

### Performance Notes

- *Collatzeral Branches* is derived from an algorithm which produces rows eventually reaching a repeating pattern and produces fractals when followed in reverse. Durations, dynamics, and structural elements are arranged from various attributes of the series. As a result of the nature of the series, this composition is treated as a series of vignettes – combinations of cells of increasing complexity and length. To serve this effect, allow all sound to settle between each cell and the preceding caesura.
- The piece is notated in 4/4 for clarity – a conductor is suggested to consistently achieve terraced entrances and to maintain phasing effects in the ostinato pattern.
- Ties are added to clarify rhythmic timing – do not rearticulate tied notes.
- Dynamics are from a range of pp-ff, pp indicating as quiet as possible with clear, characteristic tone, and ff indicating as loud as possible with clear, characteristic tone.
- Avoid making dynamic changes gradual until the “fade out” instruction; sustain notes at their initial volume. Furthermore, do not add vibrato, and avoid tuning intervals according to just intonation.
- At the end of the last section, “fade out” indicates a player should slowly diminish their volume to niente, maintaining a ratio between dynamics but losing the “clear characteristic tone” as they drop below pianissimo.
- No breath marks are given. Thus, breaths must be taken at the performer’s discretion.
- X-style noteheads appear throughout the piece, which indicates air tone. These should be played using similar volumes of air to the last marked dynamic, but with no tone production through vibration. The hollow x simply indicates half and whole notes.

Score

# Collatzeral Branches

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Precisely ♩ = 100

Alto Saxophone

Alto Saxophone

Alto Saxophone

Alto Saxophone

7 **A**

A. Sax.

A. Sax.

A. Sax.

A. Sax.

13 **B**

A. Sax.

A. Sax.

A. Sax.

A. Sax.

19

A. Sax. *p pp mp p pp mp p pp mp mf mp mf mp*

A. Sax. *mf f mp p pp mp p pp mf mp*

A. Sax. *mp p pp mp p pp mp p pp mp*

A. Sax. *f mp p pp mp p pp mp*

**C**

24

A. Sax. *mf f mp p pp*

A. Sax. *mf mp mf f mp p pp*

A. Sax. *mf mp mf mp mf f*

A. Sax. *mf mp mf mp mf f mp p*

30

A. Sax. *mf mp mf mp*

A. Sax.

A. Sax. *mp p pp*

A. Sax. *pp p pp mp mf*

34

A. Sax. *mf* *f* *mp* *p* *pp* *mp* *p* *pp* *mp* *p*

A. Sax. *mf* *f* *mp* *p* *pp* *mp* *p*

A. Sax. *mp* *mf* *f* *mp* *p* *pp* *mp* *p* *pp* *mp* *p*

A. Sax. *f* *mp* *p* *pp* *mp* *p* *pp* *mp* *p* *pp* *mp* *p*

39 **D**

A. Sax. *p* *pp* *mp*

A. Sax. *mf* *f* *mp* *p* *pp* *mp*

A. Sax. *mf* *f* *mp* *p* *pp* *mp*

A. Sax. *p* *pp* *mp*

44 **E**

A. Sax. *mf* *mp* *mf* *mp* *mf* *f* *mp* *p* *pp* *mp*

A. Sax. *fff* *mp* *p* *pp* *mpf* *p* *mf* *mp* *mf* *f*

A. Sax.

A. Sax.

51

A. Sax. *p pp mp p pp mp p pp mp p pp mp p pp mp p pp mp*

A. Sax. *mp p pp mp p pp mp p pp mp p pp mp p pp mp p pp mp*

A. Sax. *ff f mp f p pp mp p*

A. Sax.

57

A. Sax. *p pp mp p pp mp p pp mp p pp mp p pp mp p pp mp*

A. Sax. *p pp mp p pp mp p pp mp p pp mp p pp mp p pp mp*

A. Sax. *mf f ff f ff f mp p pp mp f p mf mp*

A. Sax.

62

A. Sax. *p pp mp p pp mp p pp mp p pp mp p pp mp p*

A. Sax. *p pp mp p pp mp p pp mp p pp mp p pp mp p pp*

A. Sax. *mf f mp p pp mp p pp mp p pp mp p*

A. Sax. *mf mp mf mf mp*



67

A. Sax. *pp mp p pp mp p pp mp p pp mp p*

A. Sax. *mp p pp mp p pp mp p pp mp p pp*

A. Sax. *pp mp p pp mp p pp mp p pp mp p*

A. Sax. *mf f mp p pp mp p pp mp p pp mp*

72

[F] A. Sax. *mf f mp p pp mp*

A. Sax. *mf f mp p pp mp ff f*

A. Sax. *mf f mp p pp mp mf mp mf*

A. Sax. *mf f mp p pp mp ff f mp f p pp*

[G]

78

A. Sax. *mf mp mf mf mp*

A. Sax. *mp p pp mp f p mf mp mf f mp p pp mp*

A. Sax. *mp mf f mp p pp mp p pp mp p*

A. Sax. *mp p mf f ff f fff mp p ppmp f p*

84

A. Sax. *mf f mp p pp mp p pp mp p pp mp p pp mp*

A. Sax. *p pp mp p pp mp p pp mp p pp mp p pp mp p pp mp*

A. Sax. *pp mp p pp mp p pp mp p pp mp p pp mp p pp mp*

A. Sax. *mf mp mf f mp p pp mp p pp mp* Fade out

89

A. Sax. *p pp mp p pp mp p pp mp p pp mp p pp mp p pp mp p pp* Fade out

A. Sax. *p pp mp p pp mp p pp mp p pp mp p pp* Fade out

A. Sax. *p pp mp p pp*

A. Sax. *p pp*

95

A. Sax. *mp p pp mp p pp mp p pp mp p pp mp*

A. Sax.

A. Sax.

A. Sax.

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