

Pantaleão

Music21

The image displays a musical score for the piece 'Pantaleão' in 2/4 time. It consists of two systems of staves, each containing an original melody and its transformations using Euclidean and Cosine algorithms at different levels (0.25, 0.5, 0.75).

System 1:

- Original:** Treble clef, 2/4 time. The melody starts with a quarter rest, followed by eighth notes G4, A4, B4, and a quarter note C5. The second measure has a quarter rest, followed by eighth notes B4, A4, G4, and a quarter note F4. The third measure has a quarter rest, followed by eighth notes E4, D4, C4, and a quarter note B3. The fourth measure has a quarter rest, followed by eighth notes A3, G3, F3, and a quarter note E3. The fifth measure has a quarter rest, followed by eighth notes D3, C3, B2, and a quarter note A2. The sixth measure has a quarter rest, followed by eighth notes G2, F2, E2, and a quarter note D2. The seventh measure has a quarter rest, followed by eighth notes C2, B1, A1, and a quarter note G1.
- All Euclidean 0.25:** Treble clef, 2/4 time. The melody is a simplified version of the original, using only quarter notes and quarter rests.
- All Euclidean 0.5:** Treble clef, 2/4 time. The melody is a further simplified version of the original, using only quarter notes and quarter rests.
- All Euclidean 0.75:** Treble clef, 2/4 time. The melody is a further simplified version of the original, using only quarter notes and quarter rests.

System 2:

- Original:** Treble clef, 2/4 time. The melody is identical to the original in System 1.
- All Cosine 0.25:** Treble clef, 2/4 time. The melody is a simplified version of the original, using only quarter notes and quarter rests.
- All Cosine 0.5:** Treble clef, 2/4 time. The melody is a further simplified version of the original, using only quarter notes and quarter rests.
- All Cosine 0.75:** Treble clef, 2/4 time. The melody is a further simplified version of the original, using only quarter notes and quarter rests.

Figure 1 displays musical notation for two groups of algorithms: Euclidean and Cosine. Each group consists of four staves, labeled 'Original', 'All [Algorithm] 0.25', 'All [Algorithm] 0.5', and 'All [Algorithm] 0.75'. The notation shows a sequence of notes over time, with the 'Original' staff having a specific rhythm and the other staves showing variations. A bracket on the left side of the 'Euclidean' group is labeled '8'.