

Ora Bate, Bate

Music21

The image displays a musical score for the piece "Ora Bate, Bate". It consists of two systems of staves, each containing five staves. The first system includes the "Original" and three "TIV Euclidean" variations (0.25, 0.5, and 0.75). The second system includes the "Original" and three "TIV Cosine" variations (0.25, 0.5, and 0.75). All staves are in 6/8 time. The original melody is composed of eighth and sixteenth notes. The TIV variations show increasing levels of rhythmic distortion as the parameter value increases from 0.25 to 0.75. The Euclidean variations maintain a similar melodic contour but alter the rhythmic spacing, while the Cosine variations introduce more significant rhythmic changes, including some notes that are replaced by rests or different rhythmic values.

Original

TIV Euclidean 0.25

TIV Euclidean 0.5

TIV Euclidean 0.75

Original

TIV Cosine 0.25

TIV Cosine 0.5

TIV Cosine 0.75

Figure 10 displays musical notation for Euclidean and Cosine TIVs. The figure is organized into two main sections, each containing four staves. The top section is labeled 'Euclidean' and the bottom section is labeled 'Cosine'. Each section includes an 'Original' staff and three 'TIV' staves with values 0.25, 0.5, and 0.75. The notation shows a sequence of notes and rests over four measures. The 'Original' staff for Euclidean has a 6/8 time signature. The 'TIV' staves show varying degrees of rhythmic simplification as the TIV value increases.

Ora Bate, Bate

Music21

Original

Metric 0.25

Metric 0.5

Metric 0.75

This system contains four staves of music in 6/8 time. The 'Original' staff features a melody with eighth and sixteenth notes. The 'Metric 0.25' staff shows a simplified version with vertical stems and beams. The 'Metric 0.5' staff further simplifies the notation. The 'Metric 0.75' staff uses a shorthand notation with vertical stems and beams to represent the original melody.

6

Original

Metric 0.25

Metric 0.5

Metric 0.75

This system continues the musical score with four staves. A measure number '6' is placed above the first staff. The notation follows the same pattern as the first system, showing the original melody and its metric reductions. The system concludes with a double bar line.

Ora Bate, Bate

Music21

Original

Intervallic 0.25

Intervallic 0.5

Intervallic 0.75

The first system of the musical score consists of four staves. The top staff, labeled 'Original', is in 6/8 time and contains five measures of music. The subsequent three staves are labeled 'Intervallic 0.25', 'Intervallic 0.5', and 'Intervallic 0.75'. Each of these intervallic staves contains chords that represent the intervals of the original melody at the specified levels. For example, the first measure of the original has a rest followed by an eighth note and a sixteenth note; the intervallic versions use chords to represent these intervals at 0.25, 0.5, and 0.75 of the original's range.

6

Original

Intervallic 0.25

Intervallic 0.5

Intervallic 0.75

The second system of the musical score continues the four staves from the first system. The top staff, labeled 'Original', is marked with a '6' above the first measure, indicating the measure number. It contains four measures of music, ending with a double bar line. The intervallic staves ('Intervallic 0.25', 'Intervallic 0.5', and 'Intervallic 0.75') continue to represent the intervals of the original melody at their respective levels, also ending with a double bar line.

Ora Bate, Bate

Music21

Original

All Euclidean 0.25

All Euclidean 0.5

All Euclidean 0.75

Original

All Cosine 0.25

All Cosine 0.5

All Cosine 0.75

The image displays a musical score for the piece 'Ora Bate, Bate'. It consists of two systems of four staves each. The first system shows the 'Original' melody and three variations generated using the 'All Euclidean' algorithm with parameters 0.25, 0.5, and 0.75. The second system shows the 'Original' melody and three variations generated using the 'All Cosine' algorithm with parameters 0.25, 0.5, and 0.75. All staves are in 6/8 time and use a treble clef. The original melody is a sequence of eighth and sixteenth notes. The generated versions show varying degrees of rhythmic alteration, with the 0.25 version being the most altered and the 0.75 version being the closest to the original.

5

Original

All Euclidean 0.25

All Euclidean 0.5

All Euclidean 0.75

Original

All Cosine 0.25

All Cosine 0.5

All Cosine 0.75

The image displays a musical score with eight staves, each representing a different version of a melody. The staves are grouped into two sets of four. The first set (staves 1-4) is labeled 'Original', 'All Euclidean 0.25', 'All Euclidean 0.5', and 'All Euclidean 0.75'. The second set (staves 5-8) is labeled 'Original', 'All Cosine 0.25', 'All Cosine 0.5', and 'All Cosine 0.75'. The 'Original' melody is a sequence of notes: G4, A4, B4, C5, D5, E5, F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8, D8, E8, F#8, G8, A8, B8, C9, D9, E9, F#9, G9, A9, B9, C10, D10, E10, F#10, G10, A10, B10, C11, D11, E11, F#11, G11, A11, B11, C12, D12, E12, F#12, G12, A12, B12, C13, D13, E13, F#13, G13, A13, B13, C14, D14, E14, F#14, G14, A14, B14, C15, D15, E15, F#15, G15, A15, B15, C16, D16, E16, F#16, G16, A16, B16, C17, D17, E17, F#17, G17, A17, B17, C18, D18, E18, F#18, G18, A18, B18, C19, D19, E19, F#19, G19, A19, B19, C20, D20, E20, F#20, G20, A20, B20, C21, D21, E21, F#21, G21, A21, B21, C22, D22, E22, F#22, G22, A22, B22, C23, D23, E23, F#23, G23, A23, B23, C24, D24, E24, F#24, G24, A24, B24, C25, D25, E25, F#25, G25, A25, B25, C26, D26, E26, F#26, G26, A26, B26, C27, D27, E27, F#27, G27, A27, B27, C28, D28, E28, F#28, G28, A28, B28, C29, D29, E29, F#29, G29, A29, B29, C30, D30, E30, F#30, G30, A30, B30, C31, D31, E31, F#31, G31, A31, B31, C32, D32, E32, F#32, G32, A32, B32, C33, D33, E33, F#33, G33, A33, B33, C34, D34, E34, F#34, G34, A34, B34, C35, D35, E35, F#35, G35, A35, B35, C36, D36, E36, F#36, G36, A36, B36, C37, D37, E37, F#37, G37, A37, B37, C38, D38, E38, F#38, G38, A38, B38, C39, D39, E39, F#39, G39, A39, B39, C40, D40, E40, F#40, G40, A40, B40, C41, D41, E41, F#41, G41, A41, B41, C42, D42, E42, F#42, G42, A42, B42, C43, D43, E43, F#43, G43, A43, B43, C44, D44, E44, F#44, G44, A44, B44, C45, D45, E45, F#45, G45, A45, B45, C46, D46, E46, F#46, G46, A46, B46, C47, D47, E47, F#47, G47, A47, B47, C48, D48, E48, F#48, G48, A48, B48, C49, D49, E49, F#49, G49, A49, B49, C50, D50, E50, F#50, G50, A50, B50, C51, D51, E51, F#51, G51, A51, B51, C52, D52, E52, F#52, G52, A52, B52, C53, D53, E53, F#53, G53, A53, B53, C54, D54, E54, F#54, G54, A54, B54, C55, D55, E55, F#55, G55, A55, B55, C56, D56, E56, F#56, G56, A56, B56, C57, D57, E57, F#57, G57, A57, B57, C58, D58, E58, F#58, G58, A58, B58, C59, D59, E59, F#59, G59, A59, B59, C60, D60, E60, F#60, G60, A60, B60, C61, D61, E61, F#61, G61, A61, B61, C62, D62, E62, F#62, G62, A62, B62, C63, D63, E63, F#63, G63, A63, B63, C64, D64, E64, F#64, G64, A64, B64, C65, D65, E65, F#65, G65, A65, B65, C66, D66, E66, F#66, G66, A66, B66, C67, D67, E67, F#67, G67, A67, B67, C68, D68, E68, F#68, G68, A68, B68, C69, D69, E69, F#69, G69, A69, B69, C70, D70, E70, F#70, G70, A70, B70, C71, D71, E71, F#71, G71, A71, B71, C72, D72, E72, F#72, G72, A72, B72, C73, D73, E73, F#73, G73, A73, B73, C74, D74, E74, F#74, G74, A74, B74, C75, D75, E75, F#75, G75, A75, B75, C76, D76, E76, F#76, G76, A76, B76, C77, D77, E77, F#77, G77, A77, B77, C78, D78, E78, F#78, G78, A78, B78, C79, D79, E79, F#79, G79, A79, B79, C80, D80, E80, F#80, G80, A80, B80, C81, D81, E81, F#81, G81, A81, B81, C82, D82, E82, F#82, G82, A82, B82, C83, D83, E83, F#83, G83, A83, B83, C84, D84, E84, F#84, G84, A84, B84, C85, D85, E85, F#85, G85, A85, B85, C86, D86, E86, F#86, G86, A86, B86, C87, D87, E87, F#87, 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