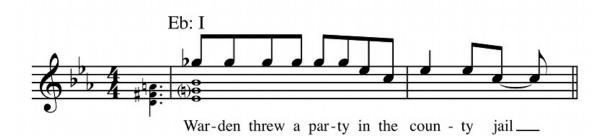


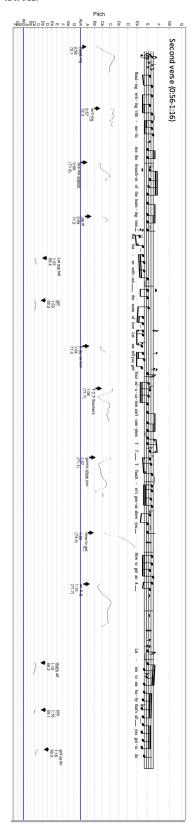
MTO 23.1 Examples: Temperley, Ren, and Duan, Mediant Mixture and "Blue Notes"

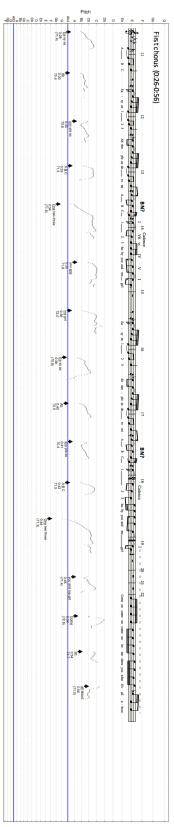
(Note: audio, video, and other interactive examples are only available online) http://www.mtosmt.org/issues/mto.17.23.1/mto.17.23.1.temperley.php

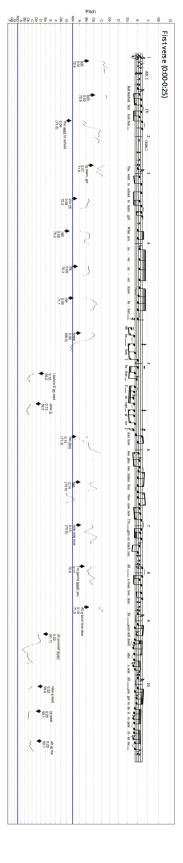
Example 1. Elvis Presley, "Jailhouse Rock."

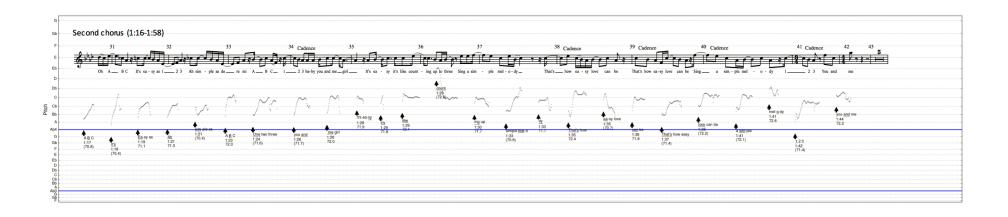


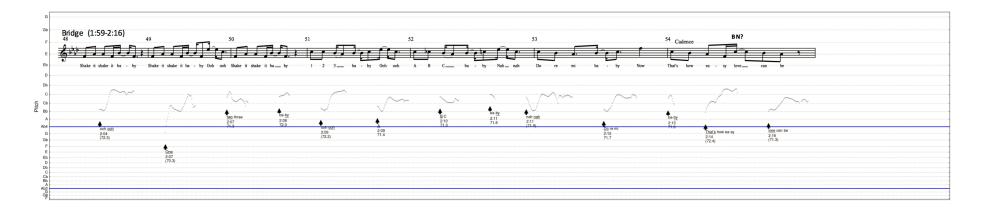
Example 3. "ABC," showing the melody and the pitch contour of every mediant note. Each pitch contour is labeled with the syllable (underlined), the onset time in seconds, and the mean pitch (see text for explanation). Blue lines indicate the tonic pitch-class, Ab. Five possible blue notes are labeled "BN?" above the score. The score is shown in six sections; click on a link below to see a section. Click on the score to enlarge it. The audio file contains the entire song: The original isolated vocal is on one stereo track, and a synthesized pitch contour generated from the output of the pitch-tracking algorithm on the other track.











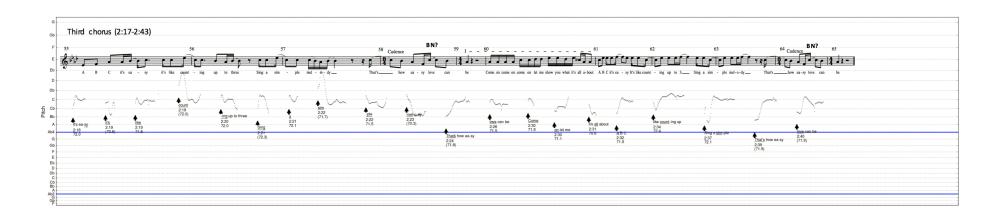
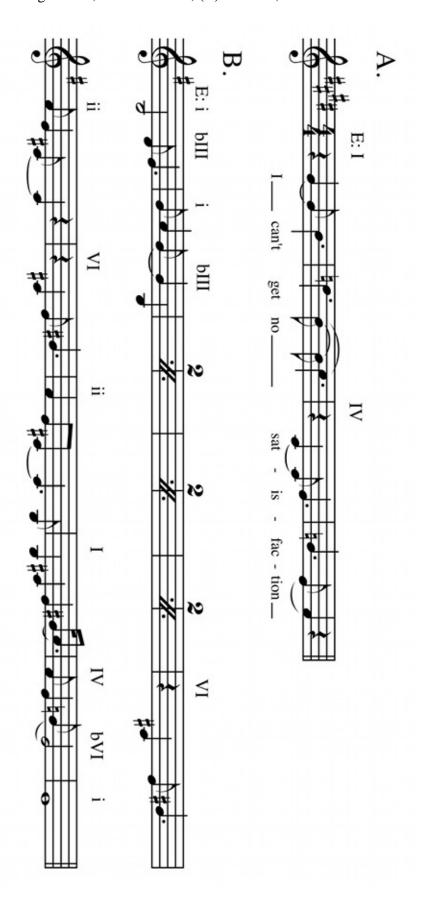


Table 1. Factors Influencing Choices Between $\hat{3}$ and $\hat{\flat}$ $\hat{3}$

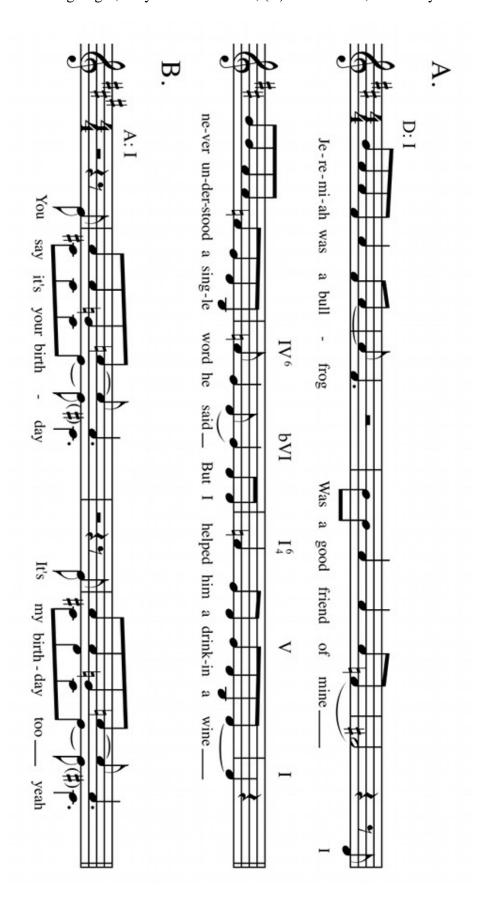
in Rock Melodies

- 1. Harmony. Prefer a degree that fits the harmony as part of a major triad, minor triad, or dominant or minor seventh.
- 2. Melodic Tendency. Prefer \$\ddot3\$ in proximity to 1, and 3 in proximity to 5.
- 3. Cadences. Prefer 3 in a cadential tonic harmony or the approach to it.
- 4. Verse/Chorus. 3 is more preferable in chorus sections than in verse sections.
- 5. Expressive Connotations. Prefer to use $\hat{3}$ and $\hat{\beta}$ in ways that are compatible with the emotional connotations of the lyrics: $\hat{3}$ tends to have more positive emotional connotations, $\hat{\beta}$ more negative ones.
- 6. *Inertia*. Prefer to avoid placing $\hat{3}$ and $\hat{3}$ in very close proximity to one another.

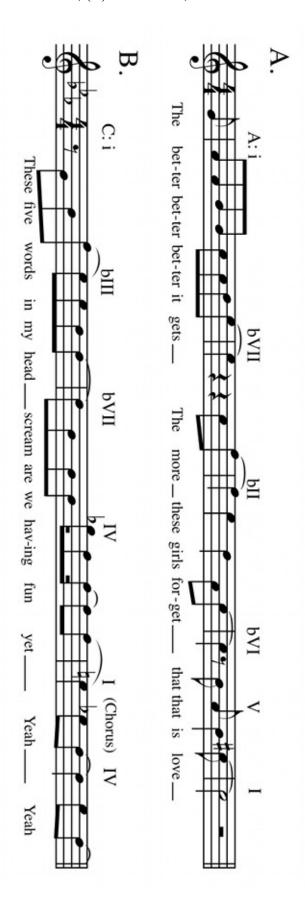
Example 4. (A)The Rolling Stones, "Satisfaction"; (B) Nirvana, "About A Girl."



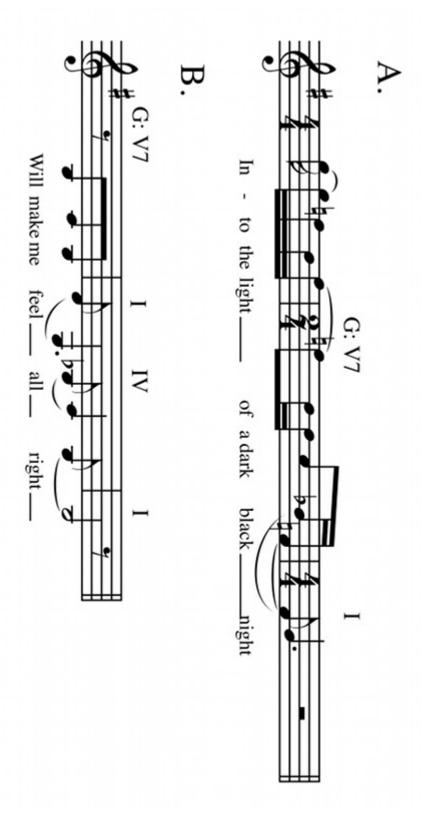
Example 5. (A) Three Dog Night, "Joy To The World"; (B) The Beatles, "Birthday"



Example 6. (A) Squeeze, "Is That Love"; (B) Nickelback, "How You Remind Me"



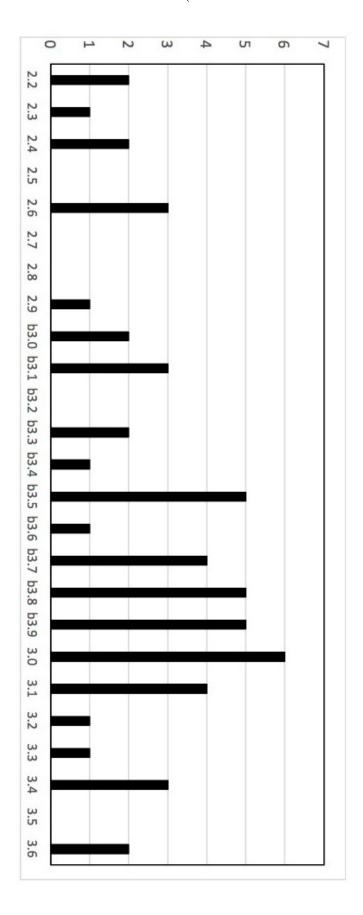
Example 7. (A) The Beatles, "Blackbird"; (B) The Beatles, "A Hard Day's Night"



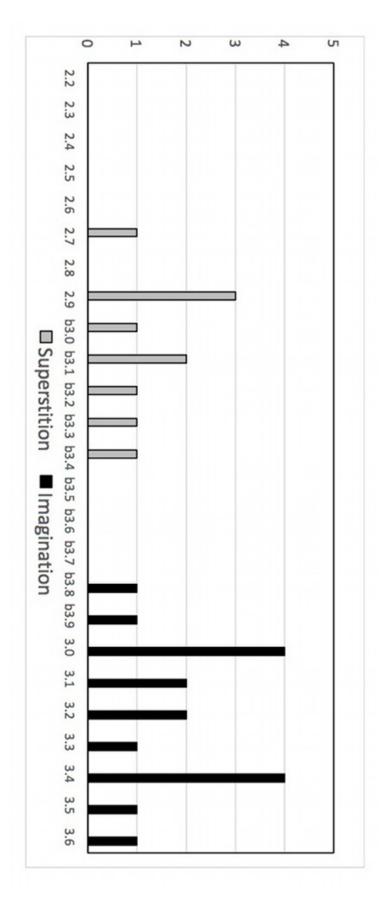
Example 8. Crosby, Stills, Nash, & Young, "Woodstock."



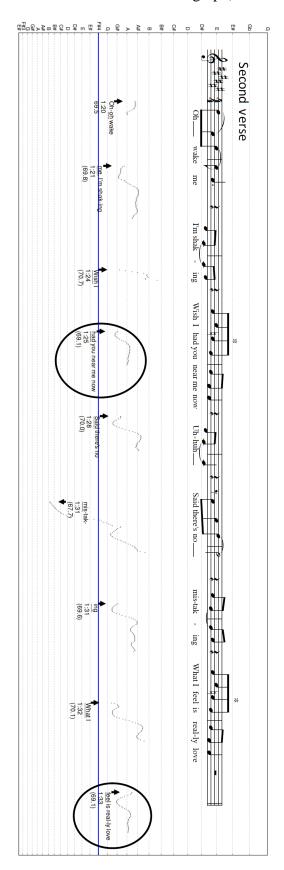
Example 9. Distribution of mediant notes in "ABC" (Michael Jackson's vocal only)

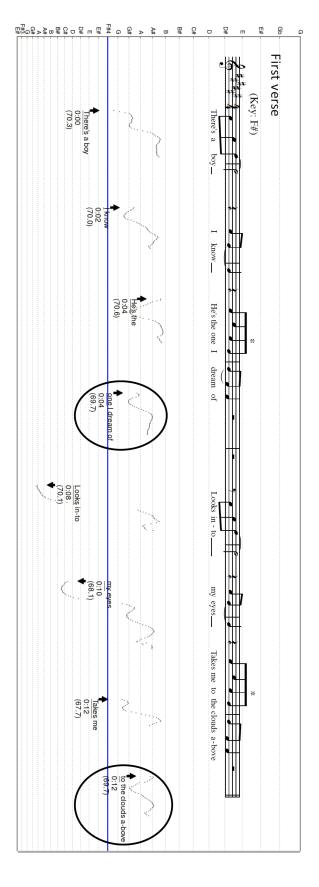


Example 10. Distribution of mediant notes in the Temptations' "Just My Imagination" and Stevie Wonder's "Superstition"



Example 11. Whitney Houston, "How Will I Know", first verse (first half) and second verse. Note the use of $\hat{3}$ in the first verse and $\hat{3}$ at the parallel positions in the second (marked with asterisks on the notation and circles on the contour graph)





Example 12. The Eagles, "Take it Easy", first verse (an isolated vocal track not used in released version of the song)

