Example 1. $2e^{2i\pi(1/12)}$ (double-C#) in pitch-class space
Example 2. Sums of $C\flat$ and $C\#$ $D$ on the pitch class circle

\[
1 + e^{2i\pi/4} = 1.41 e^{2i\pi/8}
\]

\[
e^{2i\pi/12} + e^{2i\pi/6} = 1.93 e^{2i\pi/8}
\]
Example 3. Sums of CG and FAC on the pitch class circle

\[ 1 + e^{2i\pi 5/12} + e^{2i\pi 3/4} = 0.27e^{2i\pi 19/24} \]

\[ 1 + e^{2i\pi 7/12} = 0.27e^{2i\pi 19/24} \]
Example 4. The tango rhythm in a beat-class space, and the same in a 2-cycle of the beat-class space. The superscript $a$ denotes “and of” (eighth note following the given beat)
Example 5. The tango rhythm in a 3-cycle
Example 6. Rhythmic ostinati from Ligeti *Etude* 8, “Fém”
Example 7. DFT profiles of Ligeti’s ostinati: (a) left hand, and (b) right hand
Example 8. Comparison of the DFT of Ligeti’s right-hand ostinato (blue) and a similar generated rhythm that maximizes Fourier component 5 (red)
Example 9. Comparison of the DFTs of Ligeti’s left-hand ostinato (blue) to similar rhythms that maximize $a_5$ (red) or $a_4$ (green)
Example 10. The DFT profiles of Ligeti’s rhythmic ostinati repeated over twelve measures
Table 1. Values of some coefficients for Ligeti’s rhythms

<table>
<thead>
<tr>
<th>Coefficient</th>
<th>Left Hand</th>
<th>Right Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Magnitude</td>
<td>Phase ($\times 144/2\pi$)</td>
</tr>
<tr>
<td>$\alpha_{36}$</td>
<td>28.5</td>
<td>115</td>
</tr>
<tr>
<td>$\alpha_{40}$</td>
<td>0</td>
<td>Undef.</td>
</tr>
<tr>
<td>$\alpha_{63}$</td>
<td>17.7</td>
<td>49.5</td>
</tr>
<tr>
<td>$\alpha_{64}$</td>
<td>0</td>
<td>Undef.</td>
</tr>
<tr>
<td>$\alpha_{72}$</td>
<td>36</td>
<td>0</td>
</tr>
</tbody>
</table>
Example 11. A plot of $28.5\ e^{2i(36t + 115)/144}$ (left hand, blue) and $32\ e^{2i(40t + 133)/144}$ (right hand, red)
Example 12. The number of coinciding events (onsets or rests) between the hands per measure