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From holism to compositionality: memes and the evolution of segmentation, syntax, and signification in music and language

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Figure 2: The Memetic-Semiotic Nexus of an m-l Music-Language M(us)emeplex

<table>
<thead>
<tr>
<th>Memotype</th>
<th>Phenotype</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music</td>
<td>Language</td>
</tr>
</tbody>
</table>

### 1) Level-One (horizontal) and Level-Two (vertical) Semiosis

#### a) Level-Two Signifiers
- **Museme** (sound image of m)
- **Grapheme** (codes for notation of m)
- **Lexeme** (sound image of l)
- **Grapheme** (codes for notation of l)
- **Museme Product** (sung sound of m)
- **Grapheme Product** (notation of m)
- **Lexeme Product** (spoken sound of l)
- **Grapheme Product** (notation of l)

#### b) Level-Two Signifieds
- **Interpretant-Lexemeplex** (codes for l-mediating lexemes)
- **Lexeme Product** (spoken and written expression of l-mediating lexemes)

### 2) Level-Three (diagonal) Semiosis

#### a) Signifiers
- m

#### b) Signifieds
- l