basic concepts (4)

- taxonomies
  - Representational (represent attributes, actions, relationships)
    - iconic (depict aspects of accompanying speech topic)
    - metaphorics (gestures whose semiotic properties are abstract in nature)
  - pantomimes (imitations of functional motor activities)
  - deictics (pointing gestures, concrete or imaginary)
  - emblems (gestures whose form-meaning is lexicalized)
  - beats (biphasic rhythmic and formless movements of the hands or fingers that do not represent anything)
  - sign (lexicalized; syntactically coordinated; ASL)

(from McNeill 1992; de Ruiter, 2000)
basic concepts (5)

- coding & transcription
  - full transcription of speech
  - identification of gesture phases
  - type (classification)
  - form
    - hand (which hand; handshape; palm-finger orientation; place in gesture space)
    - motion (shape, trajectory; place; direction; speed)
  - meaning
    - hand (what does the hand represent?; viewpoint)
    - motion (what does motion represent?; viewpoint)
    - body (representing anything different from hand?)
    - space (any meaning?)

(from McNeill 1992)
basic concepts (6a)

- gesture continua
- (1) relationship to speech

  gesticulation \(\rightarrow\) emblems \(\rightarrow\) pantomime \(\rightarrow\) sign language

  - obligatory presence of speech
  - optional presence of speech
  - obligatory absence of speech
  - obligatory absence of speech

- (2) relationship to linguistic properties

  gesticulation \(\rightarrow\) pantomime \(\rightarrow\) emblems \(\rightarrow\) sign language

  - linguistic properties absent
  - linguistic properties absent
  - some linguistic properties present
  - linguistic properties present
basic concepts (6b)

- gesture continua
- (3) relationship to conventions

<table>
<thead>
<tr>
<th>gesticulation</th>
<th>pantomime</th>
<th>emblems</th>
<th>sign language</th>
</tr>
</thead>
<tbody>
<tr>
<td>not conventionalized</td>
<td>not conventionalized</td>
<td>partly conventionalized</td>
<td>fully conventionalized</td>
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</tbody>
</table>

- (4) character of semiosis

<table>
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<tr>
<th>gesticulation</th>
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<th>sign language</th>
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<tbody>
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<td>segmented and synthetic</td>
<td>segmented and analytic</td>
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