

Communication

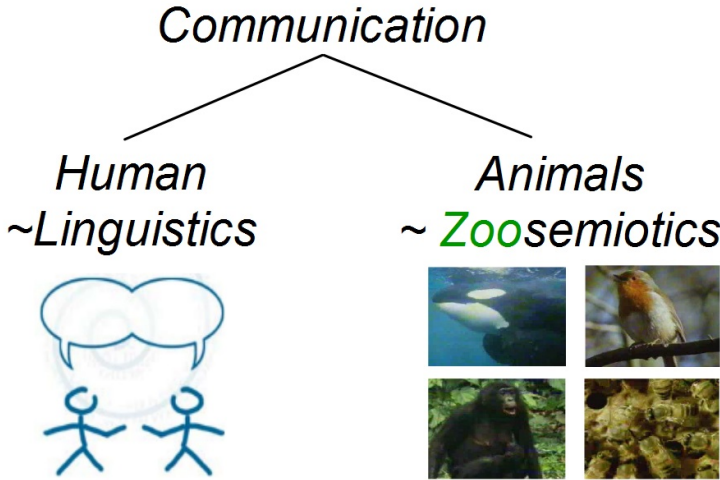
- Humans vs. Animals



- Modes of Communication



Humans vs. Animals

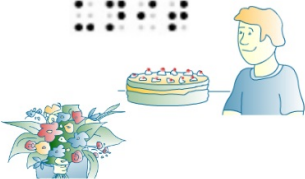
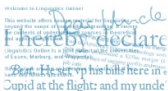


Modes of Communication



Modes

- verbal
 - speech
 - writing
- non-verbal
 - visual
 - tactile
 - olfactory
 - gustatory



Speech



Written Language



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Non-Verbal Communication

- the tactile mode

a b c d e f g h i j k l m
 n o p q r s t u v w x y z



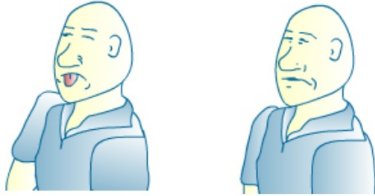
- the olfactory mode



- the gustatory mode



Para-Linguistic Features



Animal "Language"

- Topics beyond present time?
- Novel ideas/utterances?



<http://youtu.be/2Dhc2zePJFE>

Machines

```

body>
hi>Linguistics Online</hi>
table border="8" cellspaci
tr>
<td>
<script lang="JavaScript">
<!--
var i=0
for (i=0;i<36;i++)
document.write(i),
//-->
</script>
</td></tr>
</table>
/body>
/html>
db = mysql_connect
= "SELECT movies.
FROM movies,ac
WHERE movies.a
ORDER by movie
ull = mysql_query(
e ($row = mysql_fe
rint_r($row);
cho '<br>';
function processArr
for ($i = 0; $i
) {
if ($test[i]
$test[i]
} // if
} // for
return $test;
// processArray()

```

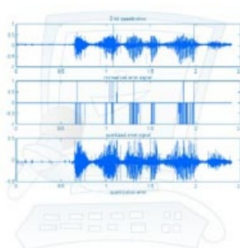


Machines

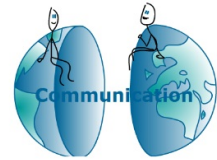
- Automatic Speech Recognition



- Speech Synthesis



Summary



Communication

Semiotics

Zoosemiotics

- verbal
 - speech
 - writing
- non-verbal
 - tactile
 - olfactory
 - gustatory

