



# INFOTERM NEWSLETTER

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### The wonderful Line of Concept Communication

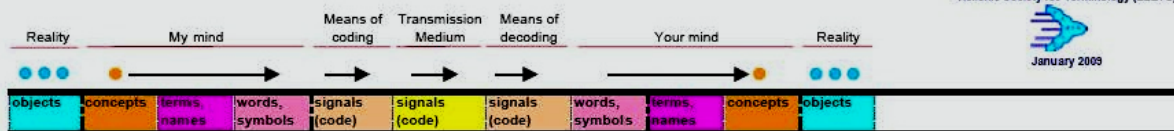
by  
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When lecturing on "Principles of terminology and terminography" to "Technoglossia" (the interdisciplinary post graduate course carried out by the Faculty of Filology of the National & Kapodistrian University of Athens, in collaboration with the School of Electrical and Computer Engineering of the National Technical University of Athens and the Institute for Language and Speech Processing), I considered **synopsizing in a single diagram how the fundamental concepts of terminology** ("object", "characteristic", "concept", "term"/"name"/"symbol", "word", ...) **participate in concept communication** (knowledge transfer) between two persons through various transmission systems following the line:

objects – concepts – terms/names/symbols – ... signals (coding, transmission, decoding) ... – terms/names/symbols – concepts – objects

The informative as well as exhibitivite nature of the diagram makes it a didactic tool helping for an overall consideration of the role of fundamental concepts of terminology in communication.

#### The wonderful line of concept communication



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objects are the individual elements of reality outside my mind  
objects are perceived by my senses or conceived by my mind  
objects are conceptualized in my mind by abstraction of their properties as characteristics

concepts are formed within my mind as unique combinations of characteristics corresponding to objects or sets of objects  
concepts originate in my mind whenever I need to communicate with you (your mind)  
concepts are designated by designations (terms or names or symbols)

terms and names are made of one or more words

words are coded in phonemes articulated in my mouth as signals or  
words are coded in letters written by a pencil in my hand as signals or  
words are coded in letters typed by my fingertips on a keyboard as signals or...  
symbols are coded in pictograms drawn by a pencil in my hand, or presented by other means, as signals

signals are transmitted by air (sound signals) or  
signals are transmitted by wire (electric signals) or  
signals are transmitted by radio or light wave (electromagnetic signals) or...

signals are received by your ears and reach your mind or  
signals are received by your eyes and reach your mind or  
signals are received by other senses of yours and reach your mind

signals are decoded (by your relevant sense) as words or symbols

words are grouped (by your mind) and form terms and names

terms, names and symbols designate concepts in your mind

concepts in your mind correspond to certain objects

objects are elements of reality outside your mind

If the concepts generated in your mind correspond to the same objects or sets of objects as those originally perceived or conceived by my own mind concept communication has been successful!

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