

## Re: How many differences, categories?

**Source:** <http://sci.tech-archive.net/Archive/sci.cognitive/2005-03/2646.html>

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**From:** Just Playing (gms2004\_at\_lycos.com)

**Date:** 03/25/05

Date: 25 Mar 2005 11:18:53 -0800

Immortalist wrote:

> *Just Playing* wrote:

>> *Thank you, I saved it on my computer and I will look at it later.*

>> *OTOH my concern is mostly with the the categorization at the*

>> *conceptual, verbal level.*

>

>> *It is more like something that could be tested by asking a group to*

>> *describe verbally an image.*

>

>> *It is a translation from one type of perception, visual, to another,*

>> *verbal and back.*

>

> *.....In a sparse distributed network – memory is a type of perception.....The act of remembering and the act of perceiving both detect a pattern in a vary large choice of possible patterns....When we*

> *remember we recreate the act of the original perception – that is we*

> *relocate the pattern by a process similar to the one we used to*

> *perceive the pattern originally.*

I look at pattern as a combination of differences or categories.

I am wondering how many differences we pack into a pattern before the pattern becomes meaningless?

JP

> *Kevin Kelly.....oUt Of cOnTrOl.....page 18---*

> <http://www.kk.org/outofcontrol/ch2-d.html>

>

> *Somehow human noises initiate similar non-verbal/syntactic- memories and*

> *experiences. If the act of remembering and the act of perceiving both*

> *detect a pattern in a vary large choice of possible patterns and when*

> *we remember we recreate the act of the original perception – that is*

> *we*

> *relocate the pattern by a process similar to the one we used to*

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- > *perceive the pattern originally, then these noises of language gain*
- > *dualistic access to the pathways experience travels and is*
- translatable
- > *into those experience.*
- >
- > *--reanimator*
- >
- > *transcribe: rewrite or arrange a piece of music for an instrument or*
- > *medium other than that originally intended.*
- >
- > <http://www.google.com/search?q=define%3Atranscribe>
- >
- > *1. To make a full written or typewritten copy of (dictated*
- > *material, for example).*
- >
- > *2. Computer Science. To transfer (information) from one recording*
- > *and storing system to another.*
- >
- > *3. Music.*
- >
- > *1. To adapt or arrange (a composition) for a voice or*
- > *instrument other than the original.*
- >
- > *2. To translate (a composition) from one notational system*
- to
- > *another.*
- >
- > *3. To reduce (live or recorded music) to notation.*
- >
- > *4. To record, usually on tape, for broadcast at a later date.*
- >
- > *5. Linguistics. To represent (speech sounds) by phonetic symbols.*
- >
- > *6. To translate or transliterate.*
- >
- > *7. Biology. To cause (DNA) to undergo transcription.*
- >
- >
- >> *If we create a verbal limitation, as in a specified number of*
- words
- >> *for a verbal description, is it possible for another person that*
- has
- >> *not seen the image, to recognize it from the verbal description?*
- >> *Do we create new concepts in order to do it?*
- >
- >> *How do we describe so many differences with a limited number of*
- > *words?*
- >> *What is the minimum number of words to create a "perfect*
- > *translation"?*
- >>
- >> *Are the words used for description understandably for somebody*

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else?

> >

> > *JP*