

# Noise in a Convitae System

## Introduction

Convitae is a word I made up to better think about emotional systems. Ricky Gervais has a joke about insurance companies refusing to pay for losses that result from “acts of God”. In the joke, it appears that Gervais is thinking about a convitae system where the controlling portion of the system (i.e. the insurance company) is identifying the cause of failure (i.e. volcano) as a noise signal that they did not account for (i.e. acts of God). It seems like Gervais is observing emotional stress related to noise signals in a convitae system.

## Pieces of the Puzzle

Gervais’ joke has these elements:

#	ITEM NAME	DESCRIPTION OF ITEM
1	INSURANCE COMPANIES	Calculate probability of loss and provide responsible coverage.
2	TRANSPORTATION COMPANIES	Implement task of transportation.
3	TRANSPORTATION CUSTOMERS	Provide resources for transportation.
4	TRANSPORTATION CAPABILITY	Must exist for transportation to occur.
5	TRANSPORTATION NEEDS	Existence is implied when transportation is observed.
6	TRANSPORTABILITY FACTORS	Variables that affect the endeavor of transportation.

## Related Content

- **Document Creation:** <https://youtu.be/3M7c7n0Kdws>
- **Document Editing:** <https://youtu.be/likfZYu8Bpg>

## Theory

Let observance be a process, function, action, or concept performed by an observing system.

$$\text{Eq. 1.} \quad \textit{Observance}(\textit{Input}) = \textit{Exists}$$

Let the output of the observance function be an observation.

$$\text{Eq. 2.} \quad \textit{Observation} = \textit{Observance}(\textit{Input})$$

Let unexpected be equivalent to difference between what was observed and what was expected.

$$\text{Eq. 3.} \quad \textit{Unexpected} = (\textit{Observed} - \textit{Expected})$$

Let disturbance be unexpected behavior that can be traced to possible causes.

$$\text{Eq. 4.} \quad \textit{Disturbance} = \textit{Unexpected Behavior}(\textit{Possible Cause})$$

~~Let disturbances where the most probably cause is "God" be known as Gervaisian terms.~~

~~Let the ratio of all Gervaisian terms per all disturbance terms be known as the Gervais.~~

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