Chapter 6
Kernel of the Labyrinths Hypertextuals

Francisco V. Cipolla-Ficarra
Latin Association of Human-Computer Interaction, Spain & International Association of Interactive Communication, Italy

Alejandra Quiroga
Universidad Nacional de La Pampa, Argentina

Valeria M. Ficarra
Latin Association of Human-Computer Interaction, Spain & International Association of Interactive Communication, Italy

ABSTRACT

In the chapter, the semantemes are analyzed which serve as dychotomic links in the core of the online links with the negative goal of online interactive communication. We present the importance of literary resources to describe or locate the way to be followed until reaching the origin of a node or set of them, which have been intertwined among themselves in the shape of a labyrinth with the purpose of disguising illicit deeds in the network, such as can be online attacks. In the analysis is presented a practical case and the strategy followed to detect in a reliable and safe way the kernel of those hypertextual labyrinths.

INTRODUCTION

The same as happens with the notion of bit (binary digit), the minimal unit of information used in computer science in any digital device or in information theory, we have the notion of semantemes in linguistics (Eco, 1996; Nöth, 2018).
A semanteme is a unit of meaning. In other words, a linguistic element that itself expresses as concept and, in turn, is combinable with other such elements. With the bit we can depict two values whatever (0 and 1, for instance), as true or false, open or closed, black or white, north or south, etc. On the face of it, we have the possibility of bifurcating the ways, in the logical diagram of a program, for instance (Farrell, 2013). That is, we are in the face of a decision to be made which leads us to one place or another, in order to achieve the goals of the computer program.

A good computer program is that which uses the least possible number of instructions to reach 100% reliable results in the shortest way possible. As a rule, the shortest way entails gaining time in the information process and besides cut down production costs, if we are inside a factory, for instance. Now through those bifurcations or decision making that the computer carries out, a writer may interrupt the sequential narration of a story and generate a labyrinth which leads us to the core of the plot that he is telling. An excellent example is the work of Jorge Luis Borges (Borges, 1941) “El jardín de senderos que se bifurcan” (The Garden of Forking Paths). In this sense, a communicability expert may detect the key elements of the written texts to determine the source of the online attacks. The authors of the messages, their content, the moment and place in which they were sent, the channels of diffusion used, the measure of the consequences beforehand, etc., are sematemes which analyzed as a unit draw ways that fork out, making up a virtual maze in the net, with the purpose of masking the main and secondary goals that have been preordained by the cyberdestroyers before carrying out the attacks. That is, linguistics may serve as a compass in the links of the different nodes of a cyber attack (Cipolla-Ficarra, 2014). Cyber attacks or attacks online are used as synonymous in the current work.

We will examine some of the semantemes in the digital contents that circulate in the Internet. The analysis of a practical case with international ramifications, and across time, allows us to know the kernel of those cyberattacks, and the place where some of those cyberdestroyers are located. In this sense, the notions of hypertext from both the computer science point of view and the literary allows us to collect a series of analysis tools to make up a study technique. Finally, the issue of the psychological or psychiatric aspects of the cyberattackers is not approached in the current work.
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