* **Message content authentication** -verifying that the content of a received message is the same as when it was sent; in a computing environment.
* **Message origin authentication** - verifying that the sender of a received message is the same one recorded in the sender field of a message
* **General identity authentication** - verifying that a principal’s identity is as claimed.

Gödel Number Sequence(GNS)

A **cipher** is an algorithm for performing encryption and decryption. The original information is known as plain text and the encrypted form as cipher text.

La matriz de recurrencia debe de ser única y consistente. Ósea que debe de ser **no singular.**