

Xenodigital Storage. Guest in a Foreign System.

Inspired by the term *xenotransplantation* (Greek *xénos* = foreigner), the DNA-based storage of digital information (Shannon) can be described as xenodigital if the computer's mathematical-technical logic can be found in the foreign species' biochemical-mathematical logic. It is not until this point that we can speak of a digital DNA since biochemical bases represent electrical binary signals. However, heredity's logic is preserved, meaning that proteins can still be theoretically formed if the technologically coded DNA finds its way into an organism. Thus, xenodigital goes beyond coding between two discrete states. The binary code is not only transformed, but it also affects the 'program' of inheritance. This property is probably unique within storage theory and media science.