

DATA TRANSLATION SYSTEM AND METHOD

ABSTRACT

A data translation system (100) for performing a non-linear data translation on a digitized AC signal is provided. The non-linear data translation system (100) includes an input for receiving the digitized AC signal, an output for outputting a non-linearly translated signal, and a processing system (104) coupled to the input and to the output. The processing system (104) is configured to receive the digitized AC signal, non-linearly translate the digitized AC signal using a predetermined transfer function to create the non-linearly translated signal, and transfer the non-linearly translated signal to the output.

Fig. 3