

**ABSTRACT****METHOD FOR CORRECTING PREDICTION ERRORS OF SIGNAL  
VALUES WITH TIME VARIATION SUBJECTED TO INTERFERENCE BY  
VARIOUS UNCONTROLLABLE SYSTEMATIC EFFECTS**

The present invention relates to a method for correcting the prediction of values of signal with time variation, in particular for navigation messages sent by the global satellite navigation systems, and it is characterized in that it comprises the following steps for the correction of the predictions of a parameter included in a received signal and varying in time:

- estimation of the prediction error based on a first batch of values estimated during a determined time period by comparing these values to the values previously predicted for the same determined time period,
- analysis of the predicted time-oriented series of prediction errors by a method for processing the signal and isolating the contributions of the systematic effects,
- extrapolation of the behavior of the contributions of the systematic effects during the time period concerned and correction of the predictions using the duly extrapolated values.

**FIGURE 1**

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