

Method and system for assisting in the verification and validation of an algorithm chain

Abstract:

Method and system for assisting in the verification and validation of an algorithm chain. - The system (1) comprises an instrumentation module (2) of an algorithm chain, providing automatic data capture including at least some of the following data: interface data and internal algorithm data of the algorithm chain, a module (3) for automatic verification of functional rules, a learning module (5) for the modelling by learning of the constraints and algorithm criteria of the algorithm chain, and taking account of the validations performed by a human operator, and a module (7) for automatic detection of bugs and functional problems of the algorithm chain using statistical learning means.

Figure 1