

Parametric Questions in E-Assessment And E-Teaching

ABSTRACT

[0065] The present invention provides a system 10 for randomly varying a question 30 with a variable parameter P or a set of parameters Pa, Pb, etc. for training or assessing a user on an electronic platform. The parameter P, Pa, Pb, etc. is/are randomly generated based on the user identification 20, date and time information or randomly selected from an array of standard number. If a user's score is less than a predetermined score 44, an electronic guide 52 is launched to assist the user. To encourage preparation for the e-training or assessment, the user's score for a correct answer is progressively reduced by the number of attempts repeated. In another embodiment, the question 30A comprises a plurality of related sub-questions. This latter embodiment allows a user to be awarded for the correct approach to a sub-question by emulating a human instructor instead of being unduly penalized for a mistake in answering a previous sub-question.

[0066] FIG. 2 for publication.