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(54) Title: INSTRUCTION PREDICTION BASED ON FILTERING

(57) Abstract

Instruction prediction based upon confidence and priority levels. A filtering effect is achieved by providing a plurality of predictors (302, 304, 306, 308) having 1) a confidence level satisfying a predetermined threshold value and 2) the highest priority level among the plurality of predictors (302, 304, 306, 308). A default criteria is provided should no predictor satisfy this criteria. Efficient use of predictor memory is achieved through selective updating of predictors.

