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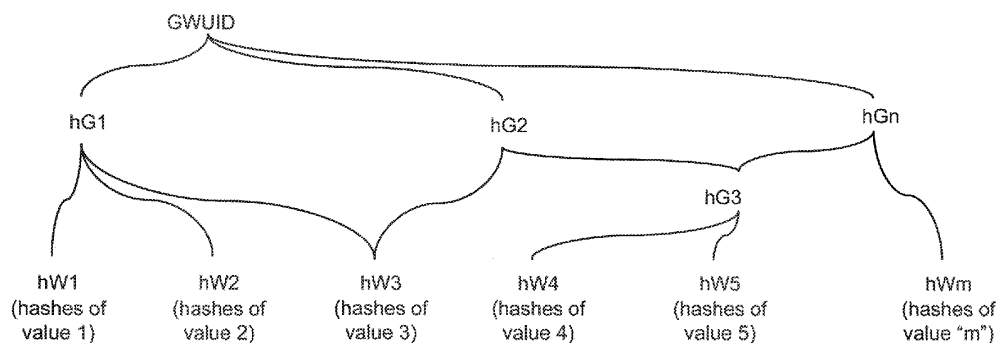
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(54) Title: SYSTEMS AND METHODS FOR GENERATING HASH TREES AND USING NEURAL NETWORKS TO PROCESS THE SAME



(57) Abstract: The present disclosure relates to systems and methods for detecting and detecting anomalies within a tree structure. In one implementation, the system may include one or more memories storing instructions and one or more processors configured to execute the instructions. The instructions may include instructions to receive a new data structure related to an individual, convert the data structure into a Bayesian wavelet, using a tree structure of existing Bayesian wavelets, calculate one or more harmonics, determine a measure of whether the Bayesian wavelet alters the one or more harmonics, and add the Bayesian wavelet to the tree structure when the measure is below a threshold.



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