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(54) Title: SENSOR-BASED TRAINING INTERVENTION

(57) Abstract: Disclosed is a system for sensor-based training intervention. The system includes one or more electroencephalogram (EEG) sensors for retrieving brain signals of a subject, one or more sensors for retrieving eye tracking data of one or both eyes of the subject, and one or more processors. The one or more processors are configured to model a joint state space of the brain signals and eye tracking data by combining the brain signals and eye tracking data into combined data using sequential Bayesian fusion, and measure a visuospatial attention indicator from combined data.

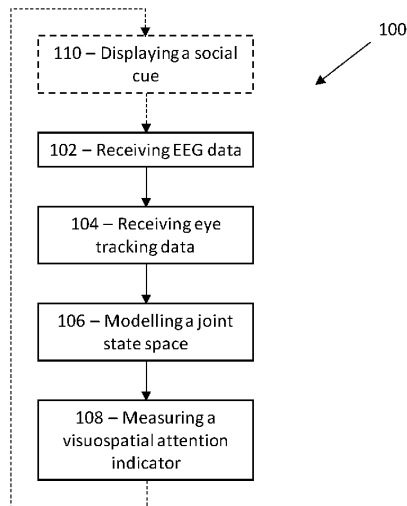


Figure 1

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
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