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(57) Abstract :
ABSTRACT: Title: An Interactive Wearable Device for Treating Stereotypic Stimming Behavior in Autistic Children and Method Thereof The present disclosure proposes an interactive wearable device (100) that provides accurate self-regulation responses for autistic individuals to handle their emotional outbursts and stereotypic stimming behaviours. The interactive wearable device (100) comprises plurality of sensors (106), a controller (108) and one or more individual interacting modules (110). The interactive wearable device (100) provides customized self-regulation responses suitable to autistic individual's preferences and sensitivities. The proposed interactive wearable device (100) serves as a communication hub between family members, caregivers, and the autistic individual for providing coordination and support. The interactive wearable device (100) provides customized self-regulation responses suitable to autistic individual's preferences and sensitivities. The proposed interactive wearable device (100) serves as a communication hub between family members, caregivers, and the autistic individual for providing coordination and support.

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