Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

Residue Iteration Decomposition

RRID:SCR_022174
Type: Tool

Proper Citation

Residue Iteration Decomposition (RRID:SCR_022174)

Resource Information

URL: http://cns.hkbu.edu.hk/RIDE.htm

Proper Citation: Residue Iteration Decomposition (RRID:SCR_022174)

Description: Software Matlab based toolbox for temporal decomposition of EEG signal. Used for decomposition, reconstruction, and single trial analysis of event related potentials.

Abbreviations: RIDE

Synonyms: Residue Iteration DEcomposition

Resource Type: software toolkit, software resource

Defining Citation: PMID:25455337

Keywords: temporal decomposition of EEG signal, EEG, event related potentials, single trial analysis, event related brain potentials, ERP, ERP decomposition method, ERP reconstruction, Latency variability, residue iteration decomposition, single trial analysis

Funding: Hong Kong Baptist University ;
Hong Kong Research Grant Council ;
National Natural Science Foundation of China ;
Germany Hong Kong Joint Research Scheme

Availability: Free, Available for download, Freely available

Resource Name: Residue Iteration Decomposition

Resource ID: SCR_022174

Record Creation Time: 20220421T050139+0000

Record Last Update: 20250412T060438+0000

Ratings and Alerts

No rating or validation information has been found for Residue Iteration Decomposition.

No alerts have been found for Residue Iteration Decomposition.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Wehmeyer L, et al. (2023) Electrophysiological Correlates of Proactive Control and Binding Processes during Task Switching in Tourette Syndrome. eNeuro, 10(4).

Koyun AH, et al. (2023) Neurophysiological mechanisms underlying the differential effect of reward prospect on response selection and inhibition. Scientific reports, 13(1), 10903.

Graf K, et al. (2023) Preserved perception-action integration in adolescents after a COVID-19 infection. Scientific reports, 13(1), 13287.

Takács Á, et al. (2022) Protocol to decode representations from EEG data with intermixed signals using temporal signal decomposition and multivariate pattern-analysis. STAR protocols, 3(2), 101399.