Package ‘RobustAdaptiveDecomposition’

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Type Package

Title Decomposes a Univariate Time Series into Subcomponents

Version 0.1.0

Description Provides a method to decompose a univariate time series into meaningful subcomponents for analysis and denoising.

License GPL-3

Encoding UTF-8

RoxygenNote 7.3.2

NeedsCompilation no

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Repository CRAN

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Contents

`RAD` *Divides the univariate time series data into subcomponents*

Description

Divides the univariate time series data into subcomponents

Usage

```
RAD(data)
```

Arguments

`data`	A numeric vector containing the time series values.

Value

A data frame containing the decomposed IMFs and residual.

Examples

```
# Example usage:
sample_data <- rnorm(3000)
result <- RAD(sample_data)
head(result)
```

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