

# NDK\_RMSEASONAL

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- C/C++
- .Net

```
int __stdcall NDK_RMSEASONAL(double * X,  
                             size_t  N,  
                             size_t  period  
                             )
```

Returns an array of the deseasonalized time series, assuming a linear model.

## Returns

status code of the operation

## Return values

**NDK\_SUCCESS** Operation successful

**NDK\_FAILED** Operation unsuccessful. See [Macros](#) for full list.

## Parameters

[in, out] **X** is the univariate time series data (a one dimensional array).

[in] **N** is the number of observations in X.

[in] **period** is the number of observations(i.e. points) in one season.

## Remarks

## Requirements

<b>Header</b>	SFSDK.H
<b>Library</b>	SFSDK.LIB
<b>DLL</b>	SFSDK.DLL

## Examples

```
int NDK_RMSEASONAL(double[] pData,
                   UIntPtr nSize,
                   UIntPtr period
                   )
```

**Namespace:** NumXLAPI  
**Class:** SFSDK  
**Scope:** Public  
**Lifetime:** Static

Returns an array of the deseasonalized time series, assuming a linear model.

### Returns

status code of the operation

### Return values

**NDK\_SUCCESS** Operation successful

**NDK\_FAILED** Operation unsuccessful. See [Macros](#) for full list.

### Parameters

[in,out] **pData** is the univariate time series data (a one dimensional array).

[in] **nSize** is the number of observations in pData.

[in] **period** is the number of observations(i.e. points) in one season.

### Exceptions

Exception Type	Condition
None	N/A

### Requirements

<b>Namespace</b>	NumXLAPI
<b>Class</b>	SFSDK
<b>Scope</b>	Public
<b>Lifetime</b>	Static
<b>Package</b>	NumXLAPI.DLL

### Examples

### Remarks

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## References

- Hamilton, J .D.; [Time Series Analysis](#) , Princeton University Press (1994), ISBN 0-691-04289-6
- Tsay, Ruey S.; [Analysis of Financial Time Series](#) John Wiley & SONS. (2005), ISBN 0-471-690740
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## See Also

[template("related")]

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