

# Package ‘tenispolaR’

March 8, 2019

**Title** Provides ZENIT-POLAR Substitution Cipher Method of Encryption

**Version** 0.1.4

**Description** Implementation of ZENIT-POLAR substitution cipher method of encryption using by default the TENIS-POLAR cipher. This last cipher of encryption became famous through the collection of Brazilian books “Os Karas” by the author Pedro Bandeira. For more details, see “A Cryptographic Dictionary” (GC&CS, 1944).

**Encoding** UTF-8

**LazyData** true

**URL** <https://github.com/adelmofilho/tenispolaR>

**BugReports** <https://github.com/adelmofilho/tenispolaR/issues>

**Suggests** covr, testthat

**Imports** stringr

**RoxygenNote** 6.1.1

**License** GPL-3

**NeedsCompilation** no

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**Repository** CRAN

**Date/Publication** 2019-03-08 14:10:03 UTC

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encryption

*ZENIT-POLAR substitution cipher method of encryption*

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### Description

Returns a message encrypted by ZENIT-POLAR substitution cipher method of encryption using by default TENIS-POLAR key.

### Usage

```
encryption(x, key_from = "tenis", key_to = "polar")
```

### Arguments

x	message to encrypt
key_from	first one-way cipher
key_to	second one-way cipher

### Details

This kind of encryption replace the nth character of 1th key to the nth character of 2nd key and vice versa.

### Value

encrypted message

### Examples

```
x <- "orro o um psibinhe tisi er kisir: e ivorre der ceseir, e celpsisae der cisopir!"  
encryption(x, key_from = "polar", key_to = "tenis")
```

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