subinstr() — Substitute text

**Description**

subinstr(s, old, new) returns s with all occurrences of old changed to new.

subinstr(s, old, new, cnt) returns s with the first cnt occurrences of old changed to new. All occurrences are changed if cnt contains missing.

subinword(s, old, new) returns s with all occurrences of old on word boundaries changed to new.

subinword(s, old, new, cnt) returns s with the first cnt occurrences of old on word boundaries changed to new. All occurrences are changed if cnt contains missing.

When arguments are not scalar, these functions return element-by-element results.

**Syntax**

```
string matrix  subinstr(string matrix s, string matrix old, string matrix new)
string matrix  subinstr(string matrix s, string matrix old, string matrix new, real matrix cnt)

string matrix  subinword(string matrix s, string matrix old, string matrix new)
string matrix  subinword(string matrix s, string matrix old, string matrix new, real matrix cnt)
```

**Remarks and examples**

```
subinstr("th thin man", "th", "the") returns “the thein man”.
subinword("th thin man", "th", "the") returns “the thin man”.
```

See [M-5] usubinstr() if your string contains Unicode characters.

**Conformability**

subinstr(s, old, new, cnt), subinword(s, old, new, cnt):

- s: \( r_1 \times c_1 \)
- old: \( r_2 \times c_2 \)
- new: \( r_3 \times c_3 \)
- cnt: \( r_4 \times c_4 \) (optional); s, old, new, cnt r-conformable
- result: max\( (r_1, r_2, r_3, r_4) \times \text{max}(c_1, c_2, c_3, c_4) \)
subinstr\(s, \text{old}, \text{new}, \text{cnt}\) and subinword\(s, \text{old}, \text{new}, \text{cnt}\) treat \(cnt < 0\) as if \(cnt = 0\) was specified; the original string \(s\) is returned.

Also see

[M-5] substr() — Extract substring
[M-5] _substr() — Substitute into string
[M-5] usubinstr() — Replace Unicode substring
[M-5] usubstr() — Extract Unicode substring
[M-5] _usubstr() — Substitute into Unicode string
[M-4] String — String manipulation functions
[U] 12.4.2 Handling Unicode strings