

TLArray Package (v0.3)

Test Cases

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declaration, destruction, get and output

C1: `()(0)(5)()`
T1: `()(0)(5)()`
C2: `()(ABC)()[ABC, ABC, ABC][, , ,]`
T2: `()(ABC)()[ABC, ABC, ABC][, , ,]`

push, pop, shift, unshift

C3: `[]()() [1, 2, 3]() (1)`
T3: `[]()() [1, 2, 3]() (1)`
C4: `(3)[1, 2]() (2)[1]`
T4: `(3)[1, 2]() (2)[1]`
C5: `()() [c, b, a, 1] (c) () (b) [a, 1]`
T5: `()() [c, b, a, 1] (c) () (b) [a, 1]`
C6: `()() () [3, 0, a, 1, 1, 2] (a)`
T6: `()() () [3, 0, a, 1, 1, 2] (a)`

basic operation

C7: `() [X, Y, X, X] () [X, Y, X, Y, X] () [X, Y, X, Y, X, , Z] () () [X, Y, Y, X, Z]`
T7: `() [X, Y, X, X] () [X, Y, X, Y, X] () [X, Y, X, Y, X, , Z] () () [X, Y, Y, X, Z]`
C8: `() () [P, Y, Y, Q, Z] () () [P, R, R, Q, W] () () [P, W]`
T8: `() () [P, Y, Y, Q, Z] () () [P, R, R, Q, W] () () [P, W]`
C9: `() () [G, F, E, W, P] [L, M, N] () () [G, N, E, L, P] [W, M, F] () [F, M, W]`
T9: `() () [G, F, E, W, P] [L, M, N] () () [G, N, E, L, P] [W, M, F] () [F, M, W]`
C10: `() () () () () [false, true, false, true, false, true, true]`
T10: `() () () () () [false, true, false, true, false, true, true]`

numeric

C11: `(50213)(-179)(51485)`
T11: `(50213)(-179)(51485)`

array and string, repetition

C12: `() [T, e, X, &, L, a, T, e, X] (TeX&LaTeX)`

T12: `() [T, e, X, &, L, a, T, e, X] (TeX&LaTeX)`

C13: `(XeTaL&XeT) (TeX) (LaTeX) (TaL&X)`

T13: `(XeTaL&XeT) (TeX) (LaTeX) (TaL&X)`