

Index

- `->/2`, 91
- `./2`, 43
- `//`, 173
- `=../2`, 43
- `\=/2`, 58
- accumulators, 13–36
 - difference lists as acc’s, 57
- `arg/3`, 43
- `assert/1`, 80
- `asserta/1`, 81
- `atom_chars/2`, 126
- `atom_codes/2`, 19
- `atom_concat/3`, 138
- `bagof/3`, 41
- `between/3`, 41
- `char_code/2`, 137
- `clause/3`, 102
- Closed World Assumption, 54
- `concat_atom/2`, 126
- `copy_term/2`, 156
- `current_predicate/2`, 88
- `current_prolog_flag/2`, 16, 46, 136
- DeMorgan’s Rule, 161
- difference lists, 37–73, 97, 98, 107–115, 129
- Dijkstra’s Dutch Flag Problem, 57–60, 108–116
- directive, 38
- `dynamic/1`, 79
- `erase/1`, 105
- `fail/0`, 77
- failure driven loop, 77, 104, 105, 161
- `findall/3`, 56
- `flatten/2`, 42–49
- folding, 54
- `forall/2`, 162
- `functor/3`, 43
- Gauss–Seidel Method, 69–73
- hand computations, 14–23
- Implication Introduction Rule, 56
- `integer/1`, 17
- `is_list/1`, 17
- `last/2`, 17, 143
- `listing/1`, 86
- `maplist/3`
 - definition of, 127
- Material Implication, 161
- `member/2`, 90
- `mod`, 173
- `nth1/3`, 107
- `nth_clause/3`, 102
- `numlist/3`, 143
- `op/3`, 38
- operator, 38
- partial application, 127, 175
- pattern matching, 121
- Perceptron Training Algorithm, 27–36, 64–65
- `predicate_property/2`, 88, 108
- `proper_list/1`, 45, 145
- pseudocodes, 23–26
- Quantifier Equivalence Rule, 161
- `rem`, 173
- repeat loop, 134–136, 173

repeat/0, *see* repeat loop
repeat loop, 173
retract/1, 79
retractall/1, 80
reverse/2, 50–57
rotation
 list rotation, 61–64
 planar rotation, 65–69
self-unfolding, 52, 105–106
set_prolog_flag/2, 33, 46, 109, 147
setof/3, 41
statistics/2, 131
succ/2, 134
switch, 21
tail recursion, 13
tell/1, 86
term_to_atom/2, 47
time/1, 41
told/0, 86
torus, 66
trace/1, 130
true/0, 77
unfolding, 52–53, 95–108
univ, *see* =./2
var/1, 17
write_term/2, 46