## Key Words and Phrases Index ${ }^{1}$

active and standby redundancy, 25
$\alpha$-stable, 219
applications, 133
association, 33, 219
asymmetry, 17
backward induction, 371
best choice, 371
bisection, 116
Bonferroni-type inequalities, 100
cake-cutting theorems, 116
characterizations of probability distributions, 274
classification problem, 116
collective epidemic model, 235
comparison of experiments, 77, 388
compartmental urn model, 235
completely monotone, 1
concordant monotone correlation, 359
contingency table, 359
convex order, 17, 196
convex set, 284
convexity, 159
copositive matrices, 182
correlation inequalities, 332
correspondence analysis, 359
covariance spaces, 182
cyclic group, 284
death process, 235
dependence, 211, 219
dihedral group, 284
discrete moment problem, 309
dispersion, 159
dual cones, 182
dynamic programming, 371
Efron-Stein inequality, 399
elliptically contoured distributions, 284
entropy, 145
expectation inequalities, 274
exponential approximation, 1
extremal problems, 274
extreme order statistics, 66
fair-division problems, 116
family of polynomials, 235
finite multivariate moment problem, 182
fixed marginals, 211
flexible manufacturing systems, 253
Fréchet bounds, 211
generalized convex functions, 196
googol, 371
group induced orderings, 76
group invariance, 284
ham-sandwich theorems, 116
Hardy-Littlewood maximal function, 196
heavy traffic limit, 66
hitting time, 1
hyperbolic function, 196
hypothesis testing, 116
importance of components, 91
information inequalities, 388
interpolation, 309
jackknife estimate of variance, 399
$\lambda(F)$ inequalities, 50

[^0]Lagrange multiplier rule, 274
likelihood ratio ordering, 25
linear normal experiments, 76
linear preference model, 38
linear programming, 159, 309
Lorenz order, 17
Lyapounov convexity, 116
majorization, $38,145,332,388$
Markov chain, 1
martingales, 196
matrix inequalities, 159
matrix orderings, 133
minimal repair, 253
mixed factorial moments, 235
moment of inertia, 211
monotone dependence, 359
monotone functions, 133
moving sums, 100
$\mu(F)$ inequalities, 50
multivariate concentration inequalities, 284
multivariate dependence, 211
multivariate moment inequalities, 309
multivariate normal distribution, 211, 388
negative dependence, 343
nonnegative polynomials, 182
optimal stopping, 116, 359
order statistics, 38,100
ordered alternatives, 33
ordered alternatives test, 50
ordering, 145
ordinal variables, 359
orthogonal group, 284
partitioning inequalities, 116
peakedness, 17
permutation matrices, 332
positive correlation, 76
positive definite and rectangular matrices, 133
positive dependence, $33,343,388$
probability distribution, 145
product-type approximations, 100
quasi-stationary, 100
random replacement schemes, 343
relative ranks, 371
reliability/performability, 253
resequencing delay, 66
resequencing queue, 253
role of module, 91
scaling, 359
Schur functions, 91
second order moment space, 182
selecting the best treatment, 50
series and parallel systems, 25
skewness functionals, 17
star order, 17
stochastic allocation, 253
stochastic bounds, 133
stochastic convexity, 253
stochastic dependence, 211
stochastic inequalities, 38,66
stochastic order, 196
stochastic order relations, 235
stochastic ordering, $25,33,66,332$
stochastic Schur convexity, 253
stochastic transposition increasingness, 253
symmetric statistic, 399
threshold model, 38
tied comparisons, 38
two-sample, 359
$U$-statistic, 399
unbiased tests, 33
uniform spacings, 100
unimodality, 38
waiting time, 1


[^0]:    ${ }^{1}$ This index utilizes authors' key words and phrases. The cited page is the first page of the article in which that word or phrase appears.

