

Alphabetical Index

- accumulation point, 169, 170, 172, 177–181
- arrangement, 12, 14
- Bayes rule, 42, 43, 46
- Bayes theorem, 42
- Bernoulli random variable, 59, 73, 93, 153
- Billingsley, 8
- binomial coefficient, 18, 21–24
- binomial random variable, 59, 65–67, 69, 70, 73, 93, 95, 153
- causes, 41–43, 46
- combination, 17–21, 23, 61, 83, 86
- combinatoric, 11, 12, 20, 35
- conditional, 9, 37, 38, 40, 42–44, 47, 111, 128–130, 132–134
- confidence interval, 101, 102
- continuous Random Variable, 9, 135, 145
- convergence criteria, 171
- convex function, 84, 89, 91, 183, 189
- convolution, 119, 120, 122
- cumulative Distribution Function, 135–137, 141, 142, 162, 164
- de Moivre, 135
- discrete uniform random variable, 58
- disease test problem, 45
- dominated convergence, 91, 193
- elementary event, 27, 28, 34, 35, 60
- equi-probability, 9, 34–36
- equi-probable, 43
- factorial moment, 81, 82, 94, 96, 98, 118, 119
- Feller, 5, 26, 198
- frequency, 6, 72
- Fubini's, 123, 131
- Gamma Law, 146, 147
- Gaussian law, 150, 152, 153
- geometric random variable, 61–63, 73, 93, 95
- global factorization formula, 47, 49
- head, 6
- homogenous, 5, 6
- hypergeometric random variable, 61, 73, 95
- independence, 9, 37, 46–50, 60, 63, 65, 79, 80, 83, 85, 93, 111, 112, 114–116, 121