

English	Afrikaans
GENERAL	ALGEMEEN
Equiprobable	Ewe waarskynlik
Betting	Weddenskap
Game of chance	Kansspel
Random	Lukraak
Odds	Kans
SETS	VERSAMELINGS
Set	Versameling
Subset	Subversameling
Elements	Elemente
Empty set	Leë versamling
Universal set	Universele versameling
Complement	Komplement
Union	Vereniging
Intersection	Snyding
Disjoint/Mutually exclusive	Disjunkte/Onderling uitsluitende
Partition	Partisie
Cardinality	Kardinaliteit
Commutative laws	Kommutatiewe wette
Associative laws	Assosiatiewe wette
Distributive laws	Verspreidende wette
Permutation	Permutasie
Combination	Kombinasie
Binomial coefficients	Binomiaalkoëffisiënte
PROBABILITY	WAARSKYNLIKHEID
Probability	Waarskynlikheid
Experiment	Eksperiment
Trial	Poging
Outcome	Uitkoms
Sample space	Steekproefruimte
Event	Gebeurtenis
Elementary event	Elementêre gebeurtenis
Axiom	Aksioma
Relative frequency	Relatiewe frekwensie
Joint probability	Gesamentlike waarskynlikheid
Conditional probability	Voorwaardelike waarskynlikheid
Total probability	Totale waarskynlikheid
Mutually exclusive	Onderling uitsluitende
Independent	Onafhanklik
Baye's rule	Bayes se stelling
Prior/a priori	Prior/a priori
Posterior/a posteriori	Posterior/a posteriori
Necessary and sufficient	Noodsaaklik en voldoende
Combined experiments	Gekombineerde eksperimente

RANDOM VARIABLES	TOEVALSVERANDERLIKES
Random variable	Toevalsveranderlikes
Functional mapping	Funksionele kartering
Support	Steungebied
Discrete	Diskreet
Continuous	Kontinue
Finite	Eindige
Multiple random variables	Veelvuldige Toevalsveranderlikes
Joint event	Gesamentlike gebeurtenis
Cumulative probability distribution function	Kumulatiewe waarskynlikheidsverdelingsfunksie
Marginalisation	Randverdelingbepaling
Marginal probability density functions	Randwaarskynlikheidsdigtheidsfunksies
Probability density function	Waarskynlikheidsdigtheidsfunksie
Probability mass function	Waarskynlikheidsmassafunksie
Conditional ...	Voorwaardelike ...
Interval conditioning	Interval kondisionering
Point conditioning	Punt kondisionering
Conditional and marginal distributions	Voorwaardelike en randverdelings
Sum of random variables	Som van toevalsveranderlikes
Expectation	Verwagte waardes
Moments (about the origin)	Momente (om die oorsprong)
Mean	Gemiddelde
Central moments	Sentrale momente
Correlation	Korrelasie
Orthogonal	Ortogonaal
Variance	Variansie
Standard deviation	Standaardafwyking
Skew	Skeefheid
Kurtosis	Kurtose
Tailedness	Uiteinde
Covariance	Kovariansie
Correlation coefficient	Korrelasiekoëffisiënt
The moment generating function	Die moment voortbringende funksie
The (joint) characteristic function	Die (gesamentlike) karakteristiekefunksies
IMPORTANT DISTRIBUTIONS	BELANGRIKE VERDELINGS
Binomial distribution	Binomiaalverdeling
Bernoilli trials	Bernoulli-pogings
Geometric distribution	Geometriesse verdeling / Meetkundige verdeling
Uniform distribution	Uniforme verdeling
Exponential distribution	Eksponensiaalverdeling
Poisson distribution	Poisson-verdeling
Event rate / Rate parameter	Gebeurtenis koers / Koers parameter
Poisson inter-arrival times	Poisson Interaankomstye
Gaussian distribution	Gauss-verdeling
Normal distribution	Normaalverdeling
Multivariate Gaussian	Meerveranderlike Gauss
Covariance matrix	Kovariansiematriks
Bivariate Gaussian density	Tweeveranderlike Gaus-digtheid
Integration: change of variables	Integrasie: verandering van veranderlikes

Linear transform of multiple RVs	Lineêre transformasies van meervoudige TVs
SAMPLING	STEEKPROEFNEMING
Sampling	Steekproefneming
Sample	Monster / Steekproef
Estimator	Beramer
Unbiased	Onsydig
Consistent	Konsekwent
Markov's inequality	Markov-ongelykheid
Chebyshev's inequality	Chebyshev-ongelykheid
Weak law of large numbers	Swak wet van groot getalle
Convergence in probability	Konvergensie in waarskynlikheid
Central limit theorem	Sentrale limietstelling
RANDOM PROCESSES	TOEVALSPROSESSE
Random process	Toevalsproses
Ensemble	Ensemble
Ensemble member	Ensemble lid
Sample functions	Steekproef funksies
Realisation	Realisasies
Continuous alphabet	Kontinue alfabet
Discrete alphabet	Diskrete alfabet
Continuous time	Kontinue tyd
Discrete time	Diskrete tyd
Random sequence	Toevalsry
Distribution of a random processes	Verdeling van 'n toevalsproses
Particular instant in time	Spesiale oomblik in tyd
Stationarity	Stasionariteit
Stationary	Stasionêre
First-order, second-order etc.	Eerste-orde, tweede-order, ens.
Autocorrelation	Outokorrelasie
Cross-correlation	Kruiskorrelasie
Cross-covariance	Kruiskovariansie
Wide sense stationary	Stasionêr in die wye sin
Bounds on the magnitude...	Begrens op die grootte...
Ergodicity	Ergodisiteit
Ergodic	Ergodies
Mean ergodic	Gemiddeld ergodies