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Autore	Lechner Alex M.
Titolo	The belt and road initiative : environmental impacts in Southeast Asia / / Alex M. Lechner [and six others]
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ISBN	981-4881-43-0
Descrizione fisica	1 online resource (30 pages) : digital, PDF file(s)
Collana	Trends in Southeast Asia ; ; Number 18
Disciplina	382.30951
Soggetti	Investments, Chinese - Southeast Asia
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 28 Oct 2021).
Nota di contenuto	Front matter -- FOREWORD -- The Belt and Road Initiative: Environmental Impacts in Southeast Asia -- REFERENCES
Sommario/riassunto	China's Belt and Road Initiative (BRI) is expected to be the largest infrastructure development scheme of the twenty-first century. There is escalating concern over BRI's potential environmental impacts in Southeast Asia, a global biodiversity hotspot and a focus area of BRI development. Case studies of Indonesia, Myanmar, Lao PDR and Malaysia show that the success of BRI in bringing about sustainable growth and opportunities depends on the Chinese government and financiers, as well as the agencies and governments involved when BRI investments take place. The adoption of best environmental practices is critical in ensuring that growth is sustainable and that bad environmental practices are not locked in for decades to come.

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Autore	Paolella Marc S
Titolo	Intermediate probability : a computational approach / / Marc S. Paolella
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Descrizione fisica	1 online resource (431 p.)
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Soggetti	Distribution (Probability theory) - Mathematical models Probabilities
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Note generali	Description based upon print version of record.
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Nota di contenuto	Intermediate Probability; Chapter Listing; Contents; Preface; Part I Sums of Random Variables; 1 Generating functions; 1.1 The moment generating function; 1.1.1 Moments and the m.g.f.; 1.1.2 The cumulant generating function; 1.1.3 Uniqueness of the m.g.f.; 1.1.4 Vector m.g. f.; 1.2 Characteristic functions; 1.2.1 Complex numbers; 1.2.2 Laplace transforms; 1.2.3 Basic properties of characteristic functions; 1.2.4 Relation between the m.g.f. and c.f.; 1.2.5 Inversion formulae for mass and density functions; 1.2.6 Inversion formulae for the c.d.f.; 1.3 Use of the fast Fourier transform 1.3.1 Fourier series1.3.2 Discrete and fast Fourier transforms; 1.3.3 Applying the FFT to c.f. inversion; 1.4 Multivariate case; 1.5 Problems; 2 Sums and other functions of several random variables; 2.1 Weighted sums of independent random variables; 2.2 Exact integral expressions for functions of two continuous random variables; 2.3 Approximating the mean and variance; 2.4 Problems; 3 The multivariate normal distribution; 3.1 Vector expectation and variance; 3.2 Basic properties of the multivariate normal; 3.3 Density and moment generating

function; 3.4 Simulation and c.d.f. calculation
3.5 Marginal and conditional normal distributions3.6 Partial correlation; 3.7 Joint distribution of X and S2 for i.i.d. normal samples; 3.8 Matrix algebra; 3.9 Problems; Part II Asymptotics and Other Approximations; 4 Convergence concepts; 4.1 Inequalities for random variables; 4.2 Convergence of sequences of sets; 4.3 Convergence of sequences of random variables; 4.3.1 Convergence in probability; 4.3.2 Almost sure convergence; 4.3.3 Convergence in r-mean; 4.3.4 Convergence in distribution; 4.4 The central limit theorem; 4.5 Problems; 5 Saddlepoint approximations; 5.1 Univariate
5.1.1 Density saddlepoint approximation5.1.2 Saddlepoint approximation to the c.d.f.; 5.1.3 Detailed illustration: the normal-Laplace sum; 5.2 Multivariate; 5.2.1 Conditional distributions; 5.2.2 Bivariate c.d.f. approximation; 5.2.3 Marginal distributions; 5.3 The hypergeometric functions 1F1 and 2F1; 5.4 Problems; 6 Order statistics; 6.1 Distribution theory for i.i.d. samples; 6.1.1 Univariate; 6.1.2 Multivariate; 6.1.3 Sample range and midrange; 6.2 Further examples; 6.3 Distribution theory for dependent samples; 6.4 Problems; Part III More Flexible and Advanced Random Variables
7 Generalizing and mixing7.1 Basic methods of extension; 7.1.1 Nesting and generalizing constants; 7.1.2 Asymmetric extensions; 7.1.3 Extension to the real line; 7.1.4 Transformations; 7.1.5 Invention of flexible forms; 7.2 Weighted sums of independent random variables; 7.3 Mixtures; 7.3.1 Countable mixtures; 7.3.2 Continuous mixtures; 7.4 Problems; 8 The stable Paretian distribution; 8.1 Symmetric stable; 8.2 Asymmetric stable; 8.3 Moments; 8.3.1 Mean; 8.3.2 Fractional absolute moment proof I; 8.3.3 Fractional absolute moment proof II; 8.4 Simulation; 8.5 Generalized central limit theorem
9 Generalized inverse Gaussianand generalized hyperbolic distributions

Sommario/riassunto

Intermediate Probability is the natural extension of the author's Fundamental Probability. It details several highly important topics, from standard ones such as order statistics, multivariate normal, and convergence concepts, to more advanced ones which are usually not addressed at this mathematical level, or have never previously appeared in textbook form. The author adopts a computational approach throughout, allowing the reader to directly implement the methods, thus greatly enhancing the learning experience and clearly illustrating the applicability, strengths, and weaknesses of the theor