

1. Record Nr.	UNINA9910480710103321
Autore	Elliott P. D. T. A (Peter D. T. A.)
Titolo	On the correlation of multiplicative and the sum of additive arithmetic functions // P.D.T.A. Elliott
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1994 ©1994
ISBN	1-4704-0117-7
Descrizione fisica	1 online resource (102 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 112, Number 538
Disciplina	512/.73
Soggetti	Arithmetic functions Number theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"November 1994, Volume 112, Number 538 (second of 4 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Introduction""; ""1. Correlations of Multiplicative Functions""; ""1.1 Conjectures and Results""; ""1.2 Applications of Theorem 1.1""; ""2. The Method of the Stable Dual (1): Deriving the Approximate Functional Equations""; ""2.1 Background Philosophy""; ""2.2 Operator Norm Inequalities""; ""2.3 Deriving the Approximate Functional Equations""; ""3. The Method of the Stable Dual (2): Solving the Approximate Functional Equations""; ""4. Orthogonality of Operators and the Present Application of the Method to the Study of Correlations"" ""5. Correlations: Main Lemma in the Proof of Theorem 1.1""""6. Correlations: Auxiliary Lemmas for the Proof of Theorem 1.1""; ""7. Correlations: An Approximate Functional Equation and Its Solution""; ""8. Correlations: Proof of the Main Lemma (completion)""; ""9. Correlations: Proof of Theorem 1.1""; ""10. Sums of Additive Functions""; ""10.1 Limits of Frequencies""; ""10.2 Auxiliary Results""; ""10.3 Proof of Theorem 10.1, Beginning""; ""10.4 Proof of Theorem 10.1, Continued""; ""10.5 Proof of Theorem 10.1, Necessity""; ""10.6 Proof of Theorem 10.1, Sufficiency"" ""11. Afterwords: Further Possibilities""""References ""

