

1. Record Nr.	UNINA9910788852503321
Autore	Friedman Joel <1962->
Titolo	A proof of Alon's second eigenvalue conjecture and related problems / / Joel Friedman
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2008] ©2008
ISBN	1-4704-0516-4
Descrizione fisica	1 online resource (114 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 910
Disciplina	512.9/436
Soggetti	Eigenvalues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 195, number 910 (first of 4 numbers)." "September 2008."
Nota di bibliografia	Includes bibliographical references (pages 99-100).
Nota di contenuto	""Contents""; ""Chapter 1. Introduction""; ""Chapter 2. Problems with the Standard Trace Method""; ""1. The Trace Method""; ""2. Limitations of the Trace Expansion""; ""Chapter 3. Background and Terminology""; ""1. Graph Terminology""; ""2. Variable-Length Graphs and Subdivisions""; ""3. $I_{\text{sub}(1)}$ of a VLG""; ""4. Shannon's Algorithm and Formal Series""; ""5. Limiting Graphs""; ""6. Irreducible Eigenvalues""; ""7. $I_{\text{sub}(1)}$ and Closed Walks for Infinite Graphs""; ""8. A Curious Theorem""; ""Chapter 4. Tangles""; ""Chapter 5. Walk Sums and New Types""; ""1. Walk sums""; ""2. The Loop"" ""3. Forms, Types, and New Types""""4. Motivation of Types and New Types""; ""Chapter 6. The Selective Trace""; ""1. The General Selective Trace""; ""2. A Lemma on Selective Walks""; ""3. Determining $I_{\text{sub}}^?$ (fund) for $G_{\text{sub}(n,d)}$ ""; ""4. Determining $I_{\text{sub}}^?$ (fund) for $H_{\text{sub}(n,d)}$, $I_{\text{sub}(n,d)}$, and $J_{\text{sub}(n,d)}$ ""; ""Chapter 7. Ramanujan Functions""; ""Chapter 8. An Expansion for Some Selective Traces""; ""Chapter 9. Selective Traces In Graphs With (Without) Tangles""; ""Chapter 10. Strongly Irreducible Traces""; ""Chapter 11. A Sidestepping Lemma""; ""Chapter 12. Magnification Theorems"" ""Chapter 13. Finishing the $G_{\text{sub}(n,d)}$ Proof""""Chapter 14. Finishing the Proofs of the Main Theorems""; ""Chapter 15. Closing Remarks""; ""Glossary""; ""Bibliography""

