

1. Record Nr.	UNINA9910788617903321
Autore	Jablonski Zenon Jan <1973->
Titolo	Weighted shifts on directed trees // Zenon Jan Jablonski, Il Bong Jung, Jan Stochel
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2011 ©2011
ISBN	0-8218-8527-8
Descrizione fisica	1 online resource (107 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 216, Number 1017
Disciplina	515/.7246
Soggetti	Linear operators Operator theory Moment problems (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"March 2012, Volume 216, Number 1017 (third of 4 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Chapter 1. Introduction""; ""Chapter 2. Prerequisites""; ""2.1. Directed trees""; ""2.2. Operator theory""; ""Chapter 3. Fundamental Properties""; ""3.1. An invitation to weighted shifts""; ""3.2. Unitary equivalence""; ""3.3. Circularity""; ""3.4. Adjoints and moduli""; ""3.5. The polar decomposition""; ""3.6. Fredholm directed trees""; ""Chapter 4. Inclusions of Domains""; ""4.1. When is $D(S) \subset D(S^*)$?""; ""4.2. When is $D(S^*) \subset D(S)$?""; ""4.3. An example""; ""Chapter 5. Hyponormality and Cohyponormality""; ""5.1. Hyponormality""; ""5.2. Cohyponormality""; ""5.3. Examples""; ""Chapter 6. Subnormality""; ""6.1. A general approach""; ""6.2. Subnormality on assorted directed trees""; ""6.3. Modelling subnormality on T ""; ""Chapter 7. Complete Hyperexpansivity""; ""7.1. A general approach""; ""7.2. Complete hyperexpansivity on T ""; ""7.3. Modelling complete hyperexpansivity on T ""; ""7.4. Completion of weights on T ""; ""7.5. Graph extensions""; ""Chapter 8. Miscellanea""; ""8.1. Admissibility of assorted weighted shifts""; ""8.2. p-hyponormality""; ""Bibliography""; ""List of symbols""

