



Finance and Economics Discussion Series:  
Continuous Time Extraction of a  
Nonstationary Signal with Illustrations in  
Continuous Low-pass and Band-pass Filtering

United States Federal Reserve Board,  
Tucker S. McElroy, Thomas M. Trimbur



DOWNLOAD PDF

## Finance and Economics Discussion Series: Continuous Time Extraction of a Nonstationary Signal with Illustrations in Continuous Low- Pass and Band-Pass Filtering

By Tucker S McElroy, Thomas M Trimbur

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This paper sets out the theoretical foundations for continuous-time signal extraction in econometrics. Continuous-time modeling gives an effective strategy for treating stock and flow data, irregularly spaced data, and changing frequency of observation. We rigorously derive the optimal continuous-lag filter when the signal component is nonstationary, and provide several illustrations, including a new class of continuous-lag Butterworth filters for trend and cycle estimation.



READ ONLINE  
[ 4.01 MB ]

### Reviews

*This book may be really worth a read through, and far better than other. it was actually writtern extremely completely and valuable. I am just very easily will get a satisfaction of looking at a published ebook.*

-- **Lillie Toy**

*It is easy in read through easier to fully grasp. it had been writtern very completely and useful. I am pleased to let you know that here is the greatest book we have read during my personal life and could be he very best book for possibly.*

-- **Miss Marge Jerde**