

NSF-NBER SEMINAR ON TIME SERIES

Sponsored by The National Science Foundation,
The National Bureau of Economic Research,
The University of California, Davis, and
H.G.B. Alexander Research Foundation

(arranged by William E. Wecker & George C. Tiao)

October 5-6, 1984

Meeting Place: Faculty Club, University of California, Davis

PROGRAM

Friday, October 5

7:30-8:15 AM Breakfast, Faculty Club

8:30-8:35 AM Welcome by William E. Wecker
University of California, Davis

8:35-10:00 AM **Session I**

Chairman: George C. Tiao, University of Chicago

"Predictive Likelihood Functions for
Econometric Models"
Thomas Cooley, University of California,
Santa Barbara and William Parke, U. C.
Santa Barbara

"The Predictive Value of Production Survey
Expectations"
Dominique M. Hanssens University of
California, Los Angeles and Piet Vanden
Abeelee, K.U. Leuven, Belgium

"A Diagnostic Method for Detecting
Random Level Shifts in Time Series"
George C. Tiao, University of Chicago and
Chung Chen, Washington State University

10:00-10:30 AM Coffee

10:30-12:00 N **Session II**

Chairman: T. W. Anderson, Stanford University

"Review of Unit Root Tests Through Examples"
William R. Bell, U.S. Bureau of the Census,
David A. Dickey, North Carolina State University
and Robert B. Miller, U.S. Bureau of the Census

"A Time Series Analysis of Speculative Bubbles"
G. S. Maddala, University of Florida and Kim
Sawyer, University of Florida

"On Two Methods for Solving and Estimating Linear
Simultaneous Equations Under Rational Expectations"
Gregory C. Chow, Princeton University, and Philip
Reny, Princeton University

12:00-1:30 PM Lunch, UCD Faculty Club

1:30-3:00 PM **Session III**

Chairman: Robert Shumway, University of
California, Davis

"Conditional Heteroscedastic Time Series Models"
Ruey S. Tsay, Carnegie-Mellon University

"Missing Data in Dynamic Econometric Models"
Craig F. Ansley, University of Chicago

"A Nonparametric Bayesian Approach to the
Calibration Problem"
William E. Wecker, University of California, Davis
and Craig F. Ansley, University of Chicago

3:00-3:30 PM Soft Drinks

3:30-5:00 PM **Session IV**

Chairman: David Rocke, University of
California, Davis

"Co-Integrated Variables and Error-Correcting Models"
C. W. J. Granger, University of California, San Diego

"Testing For Co-Integration"
Robert Engle, University of California, San Diego

"Least Squares Estimators in Error Correction Models"
James H. Stock, Harvard University

6:30 PM Dinner, Putah Creek Lodge

Saturday, October 6

7:15-7:45 AM Breakfast, Faculty Club

8:00-9:30 AM

Session V

Chairman: C. W. J. Granger, University of California, San Diego

"Time Series Parameter Estimation Employing Both Second and Third Order Spectra"
David R. Brillinger, University of California, Berkeley

"On Concurrent Seasonal Adjustment"
David A. Pierce, Federal Reserve Board and
Sandra K. McKenzie, U. S. Bureau of the Census

"Maximum Conditional Likelihood Estimation in the Multivariate ARMAX(p,q)-Model"
Leon L. Wegge, University of California, Davis

9:30-10:00 AM

Coffee

10:00-11:30 N

Session VI

Chairman: Robert Engle, University of California, San Diego

"A System Theory Approach to Economic Time Series Analysis"
Masanao Aoki, University of California, Los Angeles
Arthur Havenner, University of California, Davis

"Do the Leading Indicators Lead?"
Roger Craine, University of California, Berkeley,
Arthur Havenner, University of California, Davis,
and James Wilcox, U. C. Berkeley

"On the Use of the Bootstrap to Obtain Estimates of Mean Square Error for Multi-Step-Ahead Forecasts of Short Time Series from Autoregressive Processes"
David F. Findley, U.S. Bureau of the Census