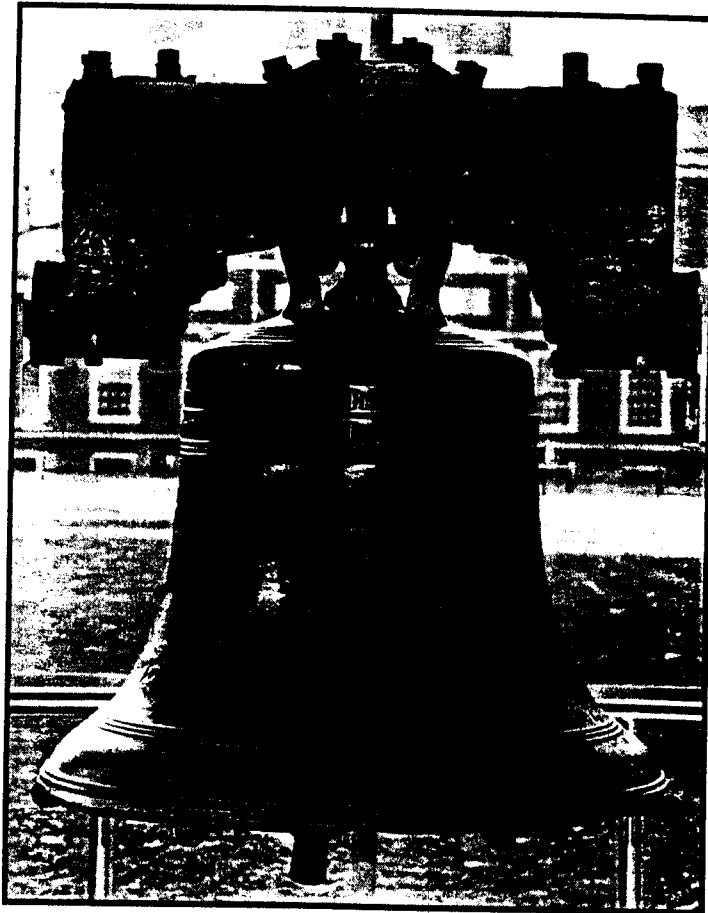


1998 American Control Conference

Advance Program



Adam's Mark Hotel (215) 581-5000
Philadelphia, Pennsylvania USA
June 24-26, 1998

Sponsoring Organization
American Automatic Control Council
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1998 American Control Conference

Session WA-16

A session of Invited Papers and Talks on the theme topic:

**The Influence of Bob Bass
in
Mathematical System Theory**

This collection of papers and talks is being distributed to the authors/speakers of Session WA-16 to provide an overview of the items to be addressed in the session presentations.

WA16**The influence of Bob Bass in mathematical system theory**

Chair: Johnson, Carroll D.

Univ. of Alabama at Huntsville

Co-chair: Morgan, Jr., Bernard S.

Teledyne Brown Engr.

Organizer: Johnson, Carroll D.

Univ. of Alabama at Huntsville

10:00

Looking back 42 years: the critical period in the development of mathematical system theory and the impetus of ideas of R. W. Bass

(I)

R. E. Kalman

ETH Zurich and Istituto "Asinius Pollio"

10:20

Seminal contributions of Bob Bass to control (I)

Bucy, R. S.

Univ. of Southern California

Lo, J. T.

Univ. of Maryland

10:40

Robustness analysis: from Bass (1956) through 1998 (I)

Doyle, John C.

California Inst. of Tech.

11:00

Sensitivity of control computations (I)

Hewer, Gary

Naval Air Warfare Center

Kenney, C.

Univ. of California at Santa Barbara

Laub, Alan J.

Univ. of California at Davis

11:20

R. W. Bass: mathematician/mentor (I)

Schwartz, Larry

Hughes Aircraft Corp.

11:40

Some little-known results of Bob Bass in mathematical system theory (I)

Johnson, C. D.

Univ. of Alabama at Huntsville

Morgan, Jr., Bernard S.

Teledyne Brown Engr.