**THE CATHOLIC UNIVERSITY OF AMERICA**
**Washington, DC 20064**

**SEMINAR IN FUNCTIONAL ANALYSIS**
**AND RELATED AREAS**

**Wednesday, April 19, 2023**

**5:10 p.m. - 6:50 p.m. (including a coffee break)**

**SPEAKER:**   Professor Paul Kainen
Georgetown University

**TITLE:**  Bipartite suspension and variants of book thickness

**ABSTRACT:**  We define bipartite suspension for graphs and build a test family, the bipartite suspensions of even cycles. A variety of page constraints are then applied to book embeddings of these graphs.  Methods are elementary and undergraduates are encouraged to attend.  This is joint work with Sam Joslin and Shannon Overbay.

**PLACE**:   Aquinas Hall, room 108. The talk will be on Zoom as well (from 5:10 p.m. to 6:50 p.m. ET).   The corresponding link will be sent to everyone in advance.

**ORGANIZERS**: V. Bogdan (The Catholic University of America), P. Kainen (Georgetown University), R. Kalpathy (The Catholic University of America), and A. Levin (The Catholic University of America).

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