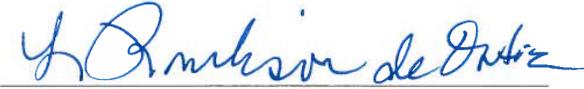


I, Lisa Rowlison de Ortiz, declare:

1. I am the Head of Catalog & Metadata Services at University of California, Berkeley (“UC Berkeley”) library. I am familiar with the UC Berkeley library system, including the library catalog and policies and procedures regarding the receipt, indexing, and availability of books and periodicals.
2. According to UC Berkeley Library policies and procedures, Library items are indexed in the library catalog and are made freely available to the faculty and student body of UC Berkeley as well as to the general public.
3. The UC Berkeley library holds a copy of a chapter by Y.H. Thia and C.M. Woodside, “A Reduced Operation Protocol Engine (ROPE) for a multiple-layer bypass architecture,” published in the book Protocol for High Speed Networks IV, 1st Edition (TJ Press Ltd. 1995), pages 224-239. (“Thia”).
4. When a monograph is received and cataloged by the UC Berkeley Library, the date of cataloging is set and retained in the catalog record. The catalog date (“Cat Date”) for Thia is February 26, 1996 (*see* Exhibit A). Furthermore, after the volume is labeled and sent to its shelving location the date of receipt by this shelving location is stored in an internal note. This information shows that the volume was received by the Engineering Library on March 20, 1996. *Id.* The volume would have been available to the public within a few days of that date.

thereon. I declare that all statements made of my knowledge are true, and that all statements made on information and belief are believed to be true.

Executed on January 27, 2017, in Berkeley, California.

A handwritten signature in blue ink, reading "Lisa Rowlison de Ortiz", written over a horizontal line.

Lisa Rowlison de Ortiz

Protocols High Speed Networks

Edited by

Gerald Neufeld and M
*Department of Computer Science
University of British Columbia
Vancouver
Canada*

Sponsored by IFIP WG6.1/WG6.4 in co-
operation with the
IEEE Com. Soc.
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