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• J. Hui: Switching and traffic theory for integrated
broadband networks, Kluwer Academic Publ., 1990,
ISBN 0-7923-9061-X, Chapters 1 - 6. • H. J. Chao, C. H.
Lam and E. Oki: Broadband Packet Switching

technologies – A Practical Guide to ATM Switches and IP routers, John Wiley & Sons, 2001, ISBN 0-471-00454-5.

Lectures - L-Università ta' Malta
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Switching and Traffic Theory for Integrated Broadband ... SWITCHING AND TRAFFIC THEORY FOR INTEGRATED BROADBAND NETWORKS by Joseph Y. Hui Rutgers University foreword by Robert G. Gallage r SPRINGER SCIENCE+BUSINESS MEDIA, LLC

Switching and Traffic Theory for Integrated Broadband ... This switching logic keeps traffic isolated to only those Ethernet cables, or segments, needed to receive the frame from the sender and transmit that frame to the destination device. This prevents the flow of unnecessary traffic on other segments of the network system, which is a major advantage of a switch. This is in

## contrast to the early ...

Switching and traffic theory for integrated broadband ... The switch deals in fixed-length ATM-style cells, which it can process at a rate of 37 million cells per second. It provides high bandwidth and low latency for datagram traffic. In addition, it supports real-time traffic by providing bandwidth reservations with guaranteed latency bounds.

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Chung-Sheng Li , Yoram Ofek , Moti Yung, "Time-driven priority" flow control for real-time heterogeneous internetworking, Proceedings of the Fifteenth annual

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