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 - [1] W.-K. Chen, *Linear Networks and Systems*. 2nd ed., R. M. Osgood, Jr., Ed. Belmont, CA: Wadsworth, 1993, pp. 23–35.
 - [2] G. O. Young, "Synthetic structure," in *Plastics*, 2nd ed., vol. 3, J. Peters, Ed. New York: McGraw-Hill, 1964, pp. 15–64.
 - [3] J. U. Duncombe, "Infrared navigation-Part I: An assessment," *IEEE Trans. Electron Devices*, vol. ED-11, pp. 34-39, Jan. 1959.
 - [4] E. P. Wigner, "Theory of optical laser," *Phys. Rev.*, vol. 134, pp. A635–A646, Dec. 1965.
 - [5] E. H. Miller, "A note on reflector arrays," *IEEE Trans Antennas Propagat.*, to be published.
 - [6] D. B. Payne and J. R. Stern, "Wavelength-switched passively," in *Proc. IOOC-ECOC*, 1985, pp. 585–590.
 - [7] D. Ebehard and E. Voges, "Digital single sideband," presented at the 2nd Int. Conf. Fiber Sensors, Stuttgart, Germany, 1984.
 - [8] G. Brandli and M. Dick, "Alternating current fed power supply," U.S. Patent 4 084 217, Nov. 4, 1978.
 - [9] E. E. Reber and C. J. Carter, "Oxygen absorption," Aerospace Corp., Los Angeles, CA, Tech. Rep. TR-020 (4230-46)-3, Nov. 1968
 - [10] J. Jones. (1991, May 10). *Networks Architecture*. (2nd ed.) [Online]. Available: <http://www.atm.com/>
 - [11] R. J. Vidmar. (1992, Aug.). The use of plasm. *IEEE Trans Plasma Sci*. [Online]. 21(3), pp. 87–88. Available: <http://halcyon.com/pub/>
 - [12] PROCESS Corp., MA. Intranets: Internet deployed. Presented at INE Annu. Meeting. [Online]. Available: <http://process.com/wp2.htm>
 - [13] S. L. Talleen. (1996, Apr.). The Intranet Architecture. Amdahl Corp., CA. [Online]. Available: <http://www.amdahl.com/infra/>
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