



Literature: Textbooks and School Proceedings

- M.J. Smith, G. Phillips, Power Klystrons Today, Research Studies Press 1994
- G.N. Glasoe, J.V. Lebacqs, Pulse Generators, MIT Radiation Laboratory Series, McGraw-Hill, New York 1948
- R. E. Collin, Foundations For Microwave Engineering, McGraw Hill 1992
- D. M. Pozar, Microwave Engineering, Wiley 2004
- CERN Accelerator School: Radio Frequency Engineering, 8-16 May 2000, Seeheim, Germany
- CERN Accelerator School: RF Engineering for Particle Accelerators, 3-10 April 1991, Oxford, UK



Literature: References (1)

1. C. Bearzatto, M. Bres, G. Faillon, Advantages of Multiple Beam Klystrons, ITG Garmisch-Partenkirchen, May 4 to 5, 1992.
2. R. Palmer, Introduction to Cluster Klystrons, Proceedings of the International Workshop on Pulsed RF Power Sources For Linear Colliders, RF93, Dubna, Protvino, Russia, July 5-9, 1993, p 28.
3. A. Beunas, G. Faillon, 10 MW/1.5 ms, L-band multi-beam klystron, Proc. Conf. Displays and Vacuum Electronics, Garmisch-Partenkirchen, Germany, April 29-30 1998.
4. A. Beunas, G. Faillon, S. Choroba, A. Gamp, A High Efficiency Long Pulse Multi Beam Klystron for the TESLA Linear Collider, TESLA Report 2001-01.
5. H. Bohlen, A Balkcum, M. Cattelino, L. Cox, M. Cusick, S. Forrest, F. Friedlander, A. Staprans, E. Wright, L. Zitelli, K. Eppley, Operation of a 1.3GHz, 10MW Multiple Beam Klystron, Proceedings of the XXII International Linear Accelerator Conference. Linac 2004, Lübeck, Germany, August 16-20, 2004, p 693
6. A Balkcum, E. Wright, H. Bohlen, M. Cattelino, L. Cox, M. Cusick, S. Forrest, F. Friedlander, A. Staprans, L. Zitelli, Continued Operation of a 1.3GHz Multiple Beam Klystron for TESLA, Proceedings of the Sixth International Vacuum Electronis Conference, IVEC 2005, Noordwijk, The Netherlands, April 20-22, 2005, p 505.
7. A. Yano, S. Miyake, S. Kazakov, A. Larionov, V. Teriaev, Y.H.Chin, The Toshiba E3736 Multi-Beam Klystron, Procedings of the XXII International Linear Accelerator Conference. Linac 2004, Lübeck, Germany, August 16-20, 2004, p 706
8. Y.H.Chin, A. Yano, S. Miyake, S. Choroba, Development of Toshiba L-Band Multi-Beam Klystron for European XFEL Project, Proceedings of the 2005 Particle Accelerator Conference, PAC05, Knoxville, USA, May 16-20, 2005, p 3153
9. W. Bothe, Pulse Generation for TESLA, a Comparison of Various Methods, TESLA Report 94-21, July 1994.
10. H. Pfeffer, C.Jensen, S. Hays, L.Bartelson, The TESLA Modulator, TESLA Report 93-30.
10. The TESLA TEST FACILITY LINAC-Design Report, Ed. D.A. Edwards, Tesla Report 95-01.

Literature: References (2)

11. H. Pfeffer, L. Bartelson, K. Bourkland, C. Jensen, Q. Kerns, P. Prieto, G. Saewert. D. Wolff, A Long Pulse Modulator for Reduced Size and Cost, Fourth European Particle Accelerator Conference, London 1994.
12. H. Pfeffer, L. Bartelson, K. Bourkland, C. Jensen, P. Prieto, G. Saewert. D. Wolff, A Second Long Pulse Modulator For TESLA Using IGBTs, Proceedings of the Fifth European Particle Accelerator Conference, EPAC96, Sitges (Barcelona), 10-14 June 1996, p. 2585.
13. W. Kaesler, A Long-Pulse Modulator for the TESLA Test Facility (TTF), Proccedings of the XXII International Linear Accelerator Conference. Linac 2004, Lübeck, Germany, August 16-20, 2004, p 459
14. H.-J. Eckoldt, N. Heidbrook, Constant Power Power Supllies for the TELSA Modulator, TESLA Report 2000-36.
15. H.-J. Eckoldt, Pulse Cables for TESLA, TESLA Report 2000-35.
16. T. Grevsmühl, S. Choroba, P. Duval, O. Hensler, J. Kahl, F.-R. Kaiser, A. Kretzschmann, H. Leich, K. Rehlich, U. Schwendicke, S. Simrock, S. Weisse, R. Wenndorff, The RF-Station Interlock for the European X-Ray Laser, Proccedings of the XXII International Linear Accelerator Conference. Linac 2004, Lübeck, Germany, August 16-20, 2004, p 718
17. H. Leich, S. Choroba, P. Duval, T. Grevsmühl, V. Petrosyan, S. Weisse, R. Wenndorff, An Advanced Interlock Solution for TTF2/XFEL RF Stations, Proceedings of the 14th IEEE_NPSS Real Time Conference, Stockholm, Sweden, June 4-10, 2005, p. 36
18. H. Leich, S. Choroba, P. Duval, T. Grevsmühl, A. Kretzschmann, U. Schwendicke, R. Wenndorff, The Design of a Technical Interlock for TTF2/XFEL RF Stations, NEC 2005, XX International Symposium on Nuclear Electronics & Computing., (to be published)
19. V. Katalev, S. Choroba, RF Power Distributing Waveguide System for TESLA, Proceedings of the Russian Particle Accelerator Conference, Rupac 2002, Obninsk, Russia, October 1-4, 2002, p. 79
20. V. Katalev, S. Choroba, Tuning of External Q and Phase for the Cavities of a Superconducting Linear Accelerator, Proccedings of the XXII International Linear Accelerator Conference. Linac 2004, Lübeck, Germany, August 16-20, 2004, p 724