

Bibliography

- [1] M. Gell-Mann, “*A schematic model of baryons and mesons*”, Phys. Lett. **8** (1964) 214.
- [2] G. Zweig, “*An $SU(3)$ Model for Strong Interaction Symmetry and its Breaking I*”, CERN-8182-TH-401 (1964); “*An $SU(3)$ Model for Strong Interaction Symmetry and its Breaking II*”, CERN-8419-TH-412 (1964).
- [3] N. Isgur, Phys. Rev. **D 21** (1980) 779.
- [4] S. Capstick, Phys. Rev. **D 36** (1987) 2800.
- [5] W. D. Walker, “ *$\Lambda - \Theta^0$ Production in $\pi^- p$ Collisions at 1 BeV*”, Phys. Rev. **98**, (1955) 1407.
- [6] J. Sorrells, R. Leighton, and C. Anderson, “*Associated Production of Z^- with Two θ^0 Particles*”, Phys. Rev. **100**, (1955) 1457.
- [7] O. Greenberg and D. Zwanziger, “*Saturation in Triplet Models of Hadrons*”, Phys. Rev. **150**, (1966) 1117.
- [8] D. Gross and F. Wilczek, “*Asymptotically Free Gauge Theories*”, Phys. Rev. **D 8**, (1973) 3633.
- [9] G. N. Fleming, “*Recoupling Effects in the Isobar Model. I. General Formalism for Three-Pion Scattering*”, Phys. Rev. **135**, (1964) B551.
- [10] N. Isgur and G. Karl, Phys. Lett. **B 72** (1977) 109;
R. Koniuk and N. Isgur, Phys. Rev. **D 21** (1980) 1868; N. Isgur and G. Karl, Phys. Rev. **D 23** (1981) 817.

- [11] S. Capstick and W. Roberts, Phys. Rev. **D 49** (1994) 4570.
- [12] S. Capstick and W. Roberts, Phys. Rev. **D 58** (1998) 74011.
- [13] S. Eidelman *et. al.* (Particle Data Group), Phys. Lett. **B 592** (2004) 1.
URL: <http://pdg.lbl.gov/>
- [14] J. McNabb, Ph.D. dissertation, Carnegie Mellon University, 2002.
- [15] R. Bradford, Ph.D. dissertation, Carnegie Mellon University, 2005.
- [16] A. Weisberg, M.S. Thesis, Ohio University, 2001.
- [17] N. Isgur, Int. J. Mod. Phys., **E 1** (1992) 465. AN INTRODUCTION TO THE QUARK MODEL FOR BARYONS
- [18] T. Mart and C. Bennhold, Phys. Rev. **C 61** (1999) 12201;
- [19] C. Bennhold and L. Wright, Phys. Rev. **C 39** (1989) 927 ; T Mart, C. Bennhold and C.E. Hyde-Wright, Phys. Rev. **C 51** (1995) R1074 .
- [20] J. D. Jackson, Classical Electrodynamics, third edition, Wiley, New York, (1999).
- [21] R. Schumacher, “*Electromagnetic Production of Hyperons (Experiment Proposal)*”, www.jlab.org/exp_prog/generated/apphallb.html.
- [22] M. Crofford *et al.*, “*The RF system for the CEBAF polarized photoinjector*”, www.jlab.org/accel/inj_group/docs/1998/TU4067.pdf
- [23] S. Gagnon, “*Jefferson Lab Site Tour*”, <http://education.jlab.org/sitetour/guidedt05.html>
- [24] B. Dunham, “*Jefferson Lab, a status report*”, www.jlab.org/accel/inj_group/docs/1996/Paper.pdf
- [25] D. S. Armstrong, “*CLAS Magnet*”, www.physics.wm.edu/~armd/clas_photo.html.

- [26] B. Mecking, *et al.*, “*The CEBAF large Acceptance Spectrometer (CLAS)*”, Nucl. Instrum. Methods. **A 503**, 513 (2003).
- [27] A. J. Street *et al.*, “*Final site assembly and testing of the superconducting toroidal magnet for the CEBAF Large Acceptance Spectrometer CLASS*”, IEEE Trans. Mag. Vol. 32, No. 4, 2074 (1996).
- [28] M.D. Mestayer *et al.*, “*The CLAS Drift Chamber System*”, Nucl. Instrum. & Meth. **A 449**, 81 (2000).
- [29] D.S. Carman *et al.*, “*The Region One Drift Chamber for the CLAS Spectrometer*”, Nucl. Instrum. & Meth. **A 419**, 315 (1998).
- [30] M. D. Mestayer *et al.*, “*Construction update and drift velocity calibration for the CLAS drift chamber system*”, Nucl. Instrum. & Meth. **A 367**, 316 (1995).
- [31] L.M. Qin *et al.*, “*Prototype studies and design considerations for the CLAS Region 2 drift chambers*”, Nucl. Instrum. & Meth. **A 411** (1995) 265 .
- [32] F.J. Barbosa *et al.*, “*A drift chamber system for a toroidal detector*”, Nucl. Instrum. & Meth. **A 323** (1992) 191.
- [33] E. S. Smith *et al.*, “*The time-of-flight system for CLAS*”, Nucl. Instrum. & Meth. **A 432** (1999) 265.
- [34] G. Adams *et al.*, “*The CLAS Cerencov Detector*”, Nucl. Instrum. & Meth. **A 465** (2001) 414.
- [35] M. Amarian *et al.*, “*The CLAS Forward Electromagnetic Calarometer*”, Nucl. Instrum. & Meth. **A 460** (2001) 239.
- [36] L. Eloudrhiri *et. al.*, “*Charged particle identification in CLAS*”, CLAS-note: 1998-04, http://www.jlab.org/Hall-B/notes/clas_notes98.html.
- [37] M. Anghinolfi *et al.*, “*Response to Cosmic Rays of the Largng-angle Electromagnetic Shower Calorimeter of the CLAS Detector*”, Nucl. Instrum. & Meth. **A 447**, 424 (2000).

- [38] D.J. Sober *et al.*, “*The bremsstrahlung photon beam in hall B at JLAB*”, Nucl. Instrum. & Meth. **A 440** (2000) 263.
- [39] S. Cristo, “*Hall B Cryotarget Page*”, http://www.jlab.org/~christo/target_intro.html.
- [40] R. Bradford and R. Schumacher, “*Liquid H₂ Density in the g1c CLAS Cryotarget*”, CLAS-note: 2002-03,
http://www.jlab.org/Hall-B/notes/clas_notes02.html.
- [41] S. Taylor *et al.*, “*The CLAS Start Counter*”, Nucl. Instrum. & Meth. **A 462** (2001) 484.
- [42] R. Ursic *et al.*, “*1 nA Beam Position Monitoring System*”, Proceedings of the 1997 Particle Accelerator Conference (1998) 2131.
<http://laser.jlab.org/devlore/filebin/6640/1997-and-1995/DATA/2131.PDF>
- [43] Progress file for “g1c” running period, available at rungroups website:
<http://clasweb.jlab.org/rungroups/g1c/oct99.html> .
- [44] F.X. Lee and D.B. Leinweber, Nucl. Phys. **B (Proc. Supp.) 73** (1999) 258.
- [45] Q. Zhao, Z. Li and C. Bennhold, Phys. Rev. **C 58** (1998) 2393.
- [46] Q. Zhao, J. Al-Khalili, and C. Bennhold, “*Quark model predictions for K* photoproduction on the proton*”, Phys. Rev. **C 64** (2001) 52210(R).
- [47] C. Bennhold, “*Nucleon Resonances in Kaon Photoproduction*, nucl-th/9901066.
- [48] R. Adelseck and B. Saghai, Phys. Rev. **C 42** (1990) 108.
- [49] Z. Li, Phys. Rev. **C 52**, 1648 (1995).
- [50] Z. Li, W. Ma, and L. Zhang Phys. Rev. **C 54** (1996) R2171.
- [51] S. Goers *et al.*, Phys. Lett. **B 464** (1999) 331.
- [52] C. Bennhold *et al.*, Nucl. Phys. **A 639** (1998) 209c.

- [53] C. Bennhold *et al.*, nucl-th/9901066.
- [54] J. Manak, *et al.*, “*e1, g1 and g6 Data Processing Procedures*”, Technical Report CLAS-NOTE-1999-016.
- [55] L. Dennis, CLAS-NOTE 1993-002, “*CLAS Event Format*.”
- [56] L. Todor, CLAS-NOTE 2002-017, “*G1C Data Calibration and Cooking Procedures*.”
- [57] J. McNabb, CLAS NOTE 2001-001, *Kaon Filtering for CLAS Data*.
- [58] R. Bradford and R. Shumacher, CLAS-NOTE 2002-003, “*Liquid H₂ Density in the G1C CLAS Cryotarget*.”
- [59] M. Holtrop, “*CLAS GEANT Simulation*”,
http://www.physics.unh.edu/~maurik/gsim_info.shtml.
- [60] J. Ball and E. Pasyuk, “*Photon Flux Determination Through Sampling of “out-of-time” Hits with the Hall B Photon Tager*”, CLAS-NOTE 2005-002.
- [61] K. Hicks *et al.*, *Analysis of K^{*0} Electroproduction from the proton*. Ohio University, 2002 (unpublished).
- [62] R. A. Williams, C-R Ji and S. R. Cotanch, Phys. Rev. **C 46** (1992) 1617.
- [63] R. A. Adelseck and B. Saghai, Phys. Rev. **C 42** (1990) 108.
- [64] S. Capstick and N. Isgur, Phys. Rev. **D 34** (1986) 2809.
- [65] R. Feuerbach, 93-030 analysis document.
- [66] R. Ent *et. al.* , *Radiative Corrections for (e, e'p) Reactions at GeV Energies*, Phys. Rev. **C 64** (2001) 54610.
- [67] L.W. Mo and Y.S. Tsai, “*Radiative Corrections to Elastic and Inelastic e/p and γp Scattering*”, Rev. Mod. Phys. **41** (1969) 205.

- [68] R. Thompson, “ η Electroproduction in the Region of the Isospin 1/2, Spin 1/2 1535 MeV Baryon resonance”, Ph.D. dissertation, University of Pittsburgh, 2000.
- [69] R. Feuerbach, “Measurement of the Unpolarized $K^+\Lambda$ and $K^+\Sigma^0$ Electroproduction Cross Sections and Interference Terms from the Proton with the CLAS Detector”, Ph.D. dissertation, Carnegie Mellon University, 2002.
- [70] C. W. Akerlof *et al.*, “Measurement of the pion form factor”, Phys. Rev. **163** (1967) 1482(5).
- [71] S. P. Barrow *et al.*, “Electroproduction of the $\Lambda(1520)$ hyperon”, Phys. Rev. **C 64** (2001) 044601.
- [72] I. Hleiqawi, (for CLAS Collaboration) “Electroproduction of K^{*0} mesons at CLAS”, HYP2003 Conference, Nucl. Phys. A 754 (2005) 310c.
- [73] K. Hicks and I. Hleiqawi, “Analysis of K^{*0} Photoproduction via the reaction $\gamma p \rightarrow K^{*0}\Sigma^+$ ”, CLAS-Analysis 2005-106.
- [74] I. Hleiqawi and K. Hicks, (CLAS Collaboration) “Photoproduction K^{*0} Mesons at CLAS”, Proceedings of International Workshop on the Physics of Excited Baryons (NSTAR2005), e-Print nucl-ex/0512039, [to be published by World Scientific \(2006\)](#).
- [75] I. Hleiqawi and K. Hicks *et al.*, (CLAS Collaboration) “ K^{*0} Photo- and Electroproduction at CLAS”, to be submitted to Phys. Rev. C (2006). ([Under internal CLAS review](#)).
- [76] Y. Oh, H. Kim and S. Lee, “Spin asymmetries in $\gamma N \rightarrow K^*\Theta^+$ ”, Nucl. Phys. **A 745** (2004) 129.