

CONTENTS

Preface	-	vii
Recent Results from the NIKHEF Internal Target Program		
K. de Jager		
Recent Results on Meson Production from SAPHIR		11
<i>Jl Barth, Ml Bockhorst, Wl Braun, R. Burgwinkel, K.H. Glander, Sl Goers, J. Hannappel, Nl Jöpen, U. Kirch, Fl Klein, F.Jl Klein, D. Menze, U! Neuerburg, El Paul, WJ. Schwille, M.-Q. Tran, R. Wedemeyer, Fl Wehnes, B. Wiegers, F.Wl Wieland, J. Wisskirchen, J. Ernst, H.G. Jiingst, H. Kalinowsky, E. Klempt, J. Link, H. v. Pee, R. Plötzke, M. Schumacher, Fl Smend, H.-N. Tran, C. Bennhold, Tl Mart, A. Kozela, and Jl Smyrski</i>		
The Electric Form Factor of the Neutron		19
<i>H.G. Andresen, J.R.M. Annand, Kl Aulenbacher, Ch. Beuchel, J. Becker, Jl Blume-Werry, Th. Dombo, Pl Drescher, M. Ebert, D. Eyl, A. Frey, Pl Grabmayr, Tl Grossmann, Sl Hall, P. Hartmann, Tl Hehl, Wl Heil, Cl Herberg, Jl Hoffmann, J.Dl Kellie, Fl Klein, K. Livingston, M. Meyerhoff, Ch. Nachtigall, EA. Natter, M. Ostrick, E.Wl Otten, R.O. Owens, S. Plützer, E. Reichert, D. Rohe, Hl Schmieden, R. Sprengard, K.-H. Steffens, R. Surkau, Th. Walcher, R. Watson, and El Wilms</i>		
HERMES Measurement of the Spin Structure of the Nucleon		27
<i>M.G. Vincter</i>		
Preliminary Results from the GRAAL Collaboration		37
<i>C. Schaerf, Ml Breuer, Ml Capogni, L. Casano, A. D'Angelo, J.Pl Bocquet, PM. Calvat, D. Moricciani, C. Perrin, D. Rebreyend, Fl Renard, A. Vartapetian, Fl Ghio, B. Girolami, J. Ajaka, G. Berrier, J.Pl Didelez, R. Di Salvo, Ch. Djalali, M.A. Duval, R. Frascaria, Pl Girard, El Guinault, El Hourany, M. Morlet, L. Rosier, Jl Van de Wiele, M. Anghinolji, Ml Castoldi, Pl Corvisiero, M. Ripani, Ml Sanzone, M. Taiuti, A. Zucchiatti, Pl Levi Sandri, Vl Bellini, M.L. Sperduto, G. Gervino, Vl Kuznetsov, A. Lapik, Vl Nedorezov, A. Sudov, and A. Tuinge</i>		
Virtual Compton Scattering on the Nucleon		47
<i>N.d'Hose, Pl Bartsch, J. Berthot, P.Y. Bertin, V. Breton, W.Ul Boeglin, R. Böhm, Tl Caprano, Sl Derber, Nl Degrande, Ml Distler, J.El Ducret, R. Edelhoff, I. Ewald, H. Fonvieille, Jl Friedrich, J.M. Friedrich, R. Geiges, Th. Gousset,</i>		

P.A.M| Guichon, H. Holvoet, Ch. Hyde-Wright, P| Jennewein, M. Kahrau, S. Kerhoas| M. Kom, H. Kramer| K.W| Krygier| V| Kunde, B. Lannoy, D. Lhuillier| A. Liesenfeld, C. Marchand, D. Marchand, J. Martino, H. Merkel, K. Merle, P| Merle, G. De Meyer, J| Mougey, R. Neuhausen, E. Offermann, Th. Pospischil, G. Quemener| O. Ravel, Y. Roblin, J| Roche, G. Rosner, D. Ryckbosch, P| Sauer| H| Schmieden, S. Schardt, G. Tamas, M. Tytgat, M. Vanderhaeghen, L. Van Hoorebeke, R. Van de Vyver, J. Van de Wiele| P| Vernin, A. Wagner| Th. Walcher| and S. Wolf

Nucleon Generalized Polarizabilities in Virtual Compton Scattering Within a Relativistic Constituent Quark Model <i>B. Pasquini and G. Salmè</i>	59
Theoretical Overview of Virtual Compton Scattering on the Nucleon <i>M. Vanderhaeghen</i>	71
One- and Two-Particle Emission and Short-Range Nucleon Correlations <i>M.V Stoitsov S.S. Dimitrova, D. Kadrev, and A.N. Antonov</i>	83
Four-Body Response Functions with Full Final State Interaction <i>V.D Efros W Leidemann and G. Orlandini</i>	94
Photoproduction of Pions — Results from Dispersion Theory <i>D. Drechsel and O. Hanstein </i>	104
Photoabsorption on Nuclei <i>M. Effenberger and U. Mose </i>	124
The Role of N^* Resonances in Two Pion Production <i>E. Oset J. A. GómezTejedor, F Cano, S. Hirenzaki, P Femndez de Córdoba L. Alvarez-Ruso, E. Herndndez, and J.A. Oller</i>	135
Photo- and Electroproduction of Eta Mesons <i>N.C. Mukhopadhyay</i>	145
Polarization Response Functions in Kaon Electroproduction <i>C. Bennhold, T Mart, and D. Kusno</i>	154
Recent Results for $(e, e'p)$ Reactions at Jefferson Lab <i>D Potterveld, D. Abbott, A. Ahmidouch, T Amatuoni , C. Armstrong, J. Arrington, K.A. Assamagan O.K. Baker, S. Barrow, K. Beard, D. Beatty, S. Beedoe E. Beise, E. Belz, C. Bochna, H. Breuer, E.E. W. Bruins R. Carlini J. Cha, N. Chant, C. Cothran, W.J. Cummings, S. Danagoulian, D. Day,</i>	164

<i>D. DeSchepper, J.-E. Ducret, F. Duncan, J. Dunne, D. Dutta, T. Eden, R. Ent, J. Fedchak, H.T. Fortune, V. Frolov, D.F. Geesaman, H. Gao, R. Gilman, P. Gueye, J.O. Hansen, W. Hinton, R. Holt, C. Jackson, H.E. Jackson, C. Jones, S. Kaufman, J.J. Kelly, C. Keppel, M. Khandaker, W. Kim, E. Kinney, A. Klein, D. Koltenuk, L. Kramer, W. Lorenzon, A. Lung, K. McFarlane, D. Mack, R. Madey, P. Markowitz, J. Martin, A. Mateos, D. Meekins, M. Miller, R. Milner, J. Mitchell, H. Mkrtchyan, R. Mohring, G. Niculescu, I. Niculescu, T.G. O'Neill, J.W. Price, J. Reinhold, C. Salgado, J.P. Schiffer, R.E. Segel, P. Stoles, R. Suleiman, V. Tadevosyan, L. Tang, B. Terburg, W. Turchinets, D. Van Westrum, I. Welch, C. Williamson, S. Wood, C. Yan, J.-C. Yang, J. Yu, B. Zeidman, W. Zhao, and B. Zihlmann</i>	
The Role of Nucleon-Correlations and the A-Isobar in the $(e, e'pN)$ Reaction <i>W.H.A. Hesselink</i>	173
Short-Range Nucleon-Nucleon Correlations Investigated in $^{12}\text{C}(e, e'pp)^{10}\text{Be}$ and $^{16}\text{O}(e, e'pp)^{14}\text{C}$ <i>G. Rosner</i>	185
Polarization Phenomena in the Study of Nucleon Resonances <i>E. Tomasi-Gustafsson</i>	199
Photo- and Electro-Production of Pseudoscalar Mesons at High Energies <i>M. Guidal, J.-M. Laget, and M. Vanderhaeghen</i>	209
probing the Deuteron Structure at Small NN Distances by Subthreshold Antiprotons <i>G.I. Lykasov, M. Ryzjanin, and W. Cassing</i>	221
Double Patton Collisions in High Energy Hadronic Interactions <i>D. Treleani</i>	228
probe of the Deuteron Quark Structure in $A(d p)$ Breakup <i>A.P. Kobushkin</i>	236
The ELFE Programme and Project <i>J.-M. Laget</i>	246
The COMPASS Experiment at CERN <i>F. Bradamante</i>	255
Measurement of the Neutron Spin Structure Functions Using Polarized Electrons and a Polarized ^3He Target: The SLAC E154 Experiment <i>S. Incerti and V. Breton</i>	268

Spin Structure Functions in Leptonproduction <i>P.J. Mulders</i>	281
Lessons and Puzzles of DIS at Low x (High Energy) <i>E. Levin</i>	292
Nucleon and Nuclear Spin Structure Functions <i>S. Scopetta, A. Yu. Umnikov, C. Ciofi degli Atti, and L.P. Kaptari</i>	306
Distribution and Fragmentation Functions in a Spectator Model <i>R. Jakob, P.J. Mulders, and J. Rodrigues</i>	320
The Spin and Flavor Content of Intrinsic Sea Quarks <i>B.-O. Ma and S.J. Brodsky</i>	330
Hadron Distributions in Deep Inelastic Electron-Nucleus Scattering at Collider Energies <i>N.A. Pavel</i>	341
Problems with the Applicability of Perturbative QCD to Deep Inelastic Scattering <i>EM. Lev</i>	352
Baryon Structure Beyond Q^2 <i>F. Iachello</i>	363
Baryon Resonance Form Factors and Quark Model <i>M. Aiello, M.M. Giannini, and E. Santopinto</i>	371
QCD Sum Rules: Form Factors and Wave Functions <i>A. V. Radyushkin</i>	382
Electromagnetic Processes and the Diquark Model <i>P. Kroll</i>	392
Hadron Form Factors in the Constituent Quark Model <i>F. Cardarelli, G. Salme, S. Simula, and E. Pace</i>	403
Evolution Equations in QCD <i>L. N. Lipatov</i>	413
Evolution Equations and Angular Ordering at Small x <i>M. Scorletti</i>	428
Constraints on Constituent Quark Masses from Potential Models <i>B. Silvestre-Brat</i>	438

Relativistic Many-Body Approach to Hadron Structure <i>A.P. Szczepaniak</i>	449
Hybrids and Quark Confinement <i>E.S. Swanson</i>	458
Light-Cone Dynamics and Nuclear Effects in Hard Reactions: DIS, Drell-Yan Pairs, Heavy Flavor Production <i>B. Kopeliovich</i>	468
Probing Color-Singlet Exchange at DO <i>B. May</i>	478
Relativistic Quantum Models <i>W.M. Polyzou</i>	483
Axial Anomaly Low Energy Tests and Instanton Vacuum Models <i>E. Di Salvo and M.M. Musakhanov</i>	504
The Relation between QCD and Constituent Quark Models <i>G. Dillon and G. Morpurgo</i>	514
Excitation Spectra of Light and Strange Baryons <i>L. Ya. Glozman, Z. Papp, W. Plessas, K. Varga, and R.F. Wagenbmn</i>	529
Radiative Meson Decays in a Relativistic Quark Model <i>C.-R. Ji and H.-M. Choi</i>	539
List of Participants	549
Author Index	559