

IDÉZETT PUBLIKÁCIÓI

[4] **High-energy behaviour of ladder graphs with multiple loops**

Lett. Nuovo Cim. **2**, 1146 (1971)

1. G. Lazarides, *Phys. Rev.* **D6**, 2780 (1972)
2. S. Biswas, *Phys. Rev.* **D7**, 2884 (1973)
3. S. Biswas, *Phys. Rev.* **D8**, 1808 (1973)
4. S. Biswas, *Phys. Rev.* **D12**, 3360 (1975)

[5] **High-energy summation of ladder diagrams in nonpolynomial field theories**

Ann. Phys. **74**, 555 (1972)

1. G. Lazarides, *Phys. Rev. Lett.* **D6**, 2780 (1972)
2. S. Biswas, *Phys. Rev.* **D7**, 2884 (1973)

[7] **Exponential interactions at high energy**

Acta Phys. Pol. **B4**, 211 (1973)

1. G. Lazarides, *Phys. Rev.* **D6**, 2780 (1972)
2. S. Biswas, *Phys. Rev.* **D7**, 2884 (1973)

[11] **Determination of mixing angle in Weinberg's $SU(2) \times U(1)$ model**

Lett. Nuovo Cim. **4**, 464 (1973)

1. D.V. Nanopoulos, *Lett. Nuovo Cim.* **7**, 258 (1973)
2. J.P. Hsu, *Phys. Rev. Lett.* **36**, 646 (1976)

[12] **A unified Bardakci-Weinberg model**

Progr. Theor. Phys. **50**, 2048 (1973)

1. S. Weinberg, *Rev. Mod. Phys.* **46**, 646 (1976)

- [13] **Taylor's nonclassical theory of magnetic monopoles as a spontaneously broken $U_L(1) \times U_R(1)$ model**
Lett. Nuovo Cim. **8**, 513 (1973)
1. R. Balachandran, *Phys. Rev.* **D11**, 2260 (1975)
 2. V.N. Strazhev And L.M. Tomilchik, *Electrodynamics with Magnetic Monopoles*, p.234, 289, 297, Nauka i Technika Publ., Minsk (1975)
- [18] **Dyons in classical $SU(3)$ gauge theory and a new topologically conserved quantity**
Phys. Rev. **D14**, 1711 (1976)
1. A.P. Protogenov, *Dan. SSR* **238**, 70 (1977)
 2. P. Goddard and D. Olive, *Rep. Pr. Phys.* **41**,1357 (1978)
 3. E. Kyriakopoulos, *Nuovo Cim.* **A52**, 23 (1979)
 4. G. Rosen, *J. Math. Phys.* **20**, 441 (1979)
 5. I.A. Satikov, *Sov. J. Nucl.* **RL 30**, 716 (1979)
 6. S.M. Moore *Andes Univ. Pr.* **UNIANDDES-16-P-79** (1979)
 7. Y.M. Cho, *Phys. Rev. Lett.* **44**, 1115 (1980)
 8. E. Kovács, *J. Math. Phys.* **23**, 834 (1982)
 9. E.E. Donets, *Phys. Lett.* **B312**, 391 (1993)
 10. D.V. Galtsov, *Int. J. Mod. Phys.* **D3**, 755 (1994)
 11. F.A. Bais, *Nucl. Phys.* **B512**, 250 (1998)
 12. Vladimir D. Dzhunushaliev, *Int. J. Theor. Phys.* **38**, 2175 (1999)
 13. Vladimir D. Dzhunushaliev, *Contribution to 'Contemporary Fundamental Physics', ed. Valeri Dvoeglazov (Nova Science Publishers). In *Dvoeglazov, V. V. (ed.): Photon and Poincare group**, 336 (1999)
 14. Vladimir D. Dzhunushaliev, *Nuovo Cim.* **117B**, 137 (2002)
 15. Vladimir D. Dzhunushaliev, *e-Print Archive: hep-th/0102081* (2001)
- [20] **On the structure of generalized monopole solutions in gauge theories**
Nucl. Phys. **B116**, 500 (1976)
1. P. Cordero, *Nucl. Phys.* **B131**, 529 (1977)
 2. V.N. Romanov, *Nucl. Phys.* **B130**, 209 (1977)
 3. W. Marciano, *Phys. Rev.* **D15**, 1044 (1977)

4. W. Marciano, *Phys. Rev.* **D16**, 139 (1978)
5. P. Goddard, *Rep. Pr. Phys.* **41**, 1357 (1978)
6. W. Marciano, *Phys. Rept.* **36**, 137 (1978)
7. E. Kyriakopoulos, *Nuovo Cim.* **A52**, 23 (1979)
8. F.A. Bais, *Leuven Univ. Prep.* **KUL-TF-79/021** (1979)
9. M. Schechter, *Phys. Rev. Lett.* **44**, 1303 (1980)
10. R. Weder, *Comunicaciones Tecn.* **12**, No. 248 (1980)
11. R. Weder, *Hadronic J.* **4**, 164 (1980)
12. T.W. Kirkman, *Phys. Rev.* **D24**, 999 (1981)
13. M. Schechter, *Ann. of Phys.* **132**, 292 (1981)
14. E. Kovács, *J. Math. Phys.* **23**, 834 (1982)
15. H.J. Pohle, *Z. Phys.* **C15**, 269 (1982)
16. R. Weder, *Phys. Rev.* **D25**, 2725 (1982)
17. R. Rajaraman, *Solitons and Instantons*, North Holland Publ. Co. (1982)
18. H. Yamagishi, *Phys. Rev.* **D28**, 977 (1983)
19. A. Hadicke, *Phys. Lett.* **B137**, 193 (1984)
20. A.R. Chowdhury, *Phys. Lett.* **A106**, 353 (1984)
21. P.A. Horváthy, *Marseille Pr.* **CPT-85/p-1750-mc** (1985)
22. P.A. Horváthy, *Phys. Rev.* **D32**, 968 (1985)
23. P.A. Horváthy, *J. Math. Phys.* **27**, 982 (1986)
24. W.P. Vanvelthoven, *Physica* **A139**, 326 (1986)
25. E. Malec, *Act. Phys. Pol.* **B18**, 1017 (1987)

[21] **Monopoles and grand unification theories**

Phys. Lett. **B69**, 197 (1977)

1. P. Goddard, *Rep. Pr. Phys.* **41**, 1357 (1978)
2. W. Wilson, *Phys. Lett.* **A72**, 188 (1979)
3. G.P. Dokos, *Phys. Rev.* **D21**, 2940 (1980)
4. P. Langacker, *Phys. Rep.* **72**, 185 (1981)
5. S. Dawson, *Phys. Rev.* **D27**, 2119 (1983)
6. T.T. Wu, *Nucl. Phys.* **B222**, 411 (1983)

7. P.A. Horváthy, *Marseille Pr.* **CPT-84/p-1664-mc** (1984)
 8. P.A. Horváthy, *Comm. Math. Phys.* **96**, 497 (1984)
 9. T.F. Walsh, *Nucl. Phys.* **B232**, 349 (1984)
 10. P.A. Horváthy, *Marseille Pr.* **CPT-85/p-1750-mc** (1985)
 11. P.A. Horváthy, *Comm. Math. Phys.* **99**, 517 (1985)
 12. P.A. Horváthy, *Lett. Math. Phys.* **9**, 195 (1985)
 13. P.A. Horváthy, *J. Math. Phys.* **27**, 962 (1986)
- [22] **Grand unified schemes and spontaneous compactification**
Nucl. Phys **B127**, 57 (1977)
1. A. Salam, *Proc. Int. Conf. High Energy Phys. 1974 Tokyo*, p. 933 (1978)
 2. A. Salam, *Physica Scripta* **20**, 4391 (1978)
 3. W. Thirring, *Acta Phys. Austr. Supp.* **19**, 4391 (1978)
 4. W. Mecklenburg, *Acta Phys. Pol.* **39**, 793 (1978)
 5. W. Mecklenburg, *Lett. Nuovo Cim.* **23**, 566 (1978)
 6. J.F. Luciani, *Nucl. Phys.* **B135**, 111 (1978)
 7. J. Iliopoulos, *EPS High Energy 1979*, 371 (1979)
 8. W. Mecklenburg, *Phys. Rev.* **D21**, 2149 (1980)
 9. N. Manton, *Comm. Math. Phys.* **72**, 15 (1980)
 10. C. Omero, *Nucl. Phys.* **B165**, 351 (1980)
 11. E. Cremmer, *Trieste Supergrav.School 1981*, 313 (1981)
 12. P. Langacker, *Phys. Rep.* **72**, 185 (1981)
 13. S. Tanaka, *Prog. Theor. Phys.* **66**, 1477 (1981)
 14. A. Sagnotti, *Cal Tech Pr.* **CALT-68-885** (1982)
 15. I.M. Benn, *Phys. Lett.* **B112**, 344 (1982)
 16. S. Randjbar-Daemi, *Phys. Lett.* **B117**, 41 (1982)
 17. A. Salam, *Ann. Phys.* **141**, 316 (1982)
 18. J.H. Schwarz, *Phys. Rep.* **89**, 224 (1982)
 19. E. Sezgin, *Phys. Lett.* **B118**, 359 (1982)
 20. M.J. Duff, *Trieste Workshop 1982*, 183 (1982)
 21. I.M. Benn, *Lancaster U. Pr.* **Print-82-0354 (LANCASTER)** (1982)

22. S. Randjbar-Daemi, *Phys. Lett.* **B132**, 56 (1983)
23. C. Destri, *Ann. Phys.* **147**, 321 (1983)
24. J.A. Harvey, *Phys. Rev.* **D27**, 315 (1983)
25. Y. Hosotani, *Phys. Lett.* **B126**, 309 (1983)
26. Y. Hosotani, *Phys. Lett.* **B129**, 193 (1983)
27. T. Inami, *Phys. Lett.* **B133**, 180 (1983)
28. A. Karlhede, *Phys. Lett.* **B125**, 49 (1983)
29. S. Randjbar-Daemi, *Nucl. Phys.* **B214**, 491 (1983)
30. S. Tanaka, *Prog. Theor. Phys.* **70**, 563 (1983)
31. M.J. Duff, *Chalk River Workshop 1983*, 280 (1983)
32. R. Kerner, *CERN Pr.* **CERN-TH-3669** (1983)
33. S. Randjbar-Daemi, *CLAUSTHAL 1983, PROCEEDINGS, DIFFERENTIAL GEOMETRIC METHODS IN MATHEMATICAL PHYSICS*, 199 (1983)
34. W. Mecklenburg, *Fortsch. Phys.* **32**, 207 (1984)
35. M. Bando, *Z. Phys.* **C22**, 251 (1984)
36. L. Palla, *Z. Phys.* **C24**, 195 (1984)
37. P. Candelas, *Nucl. Phys.* **B237**, 397 (1984)
38. P.H. Frampton, *Phys. Rev. Lett.* **52**, 2016 (1984)
39. P.H. Frampton, *Providence Grand Unif. 1984*, 494 (1984)
40. Y.S. Wu, *Nucl. Phys.* **B237**, 586 (1984)
41. Y. Hosotani, *Phys. Rev.* **D29**, 731 (1984)
42. S. Watamura, *Phys. Lett.* **B136**, 245 (1984)
43. P.S. Wesson, *Gen. Rel. Grav.* **16**, 193 (1984)
44. J.M. Gerard, *Phys. Lett.* **B144**, 203 (1984)
45. A.N. Schellekens, *Phys. Lett.* **B143**, 131 (1984)
46. Ch. Wetterich, *Nucl. Phys.* **B244**, 359 (1984)
47. S. Randjbar-Daemi, *Nucl. Phys.* **B242**, 447 (1984)
48. S. Randhbar-Daemi, *Phys. Lett.* **B148**, 48 (1984)
49. P. Forgács, *Phys. Lett.* **B148**, 99 (1984)
50. R. Kerner, CERN-TH-3669 preprint (1984)
51. A. Chodos, *Comments Nucl. Part. Phys.* **13**, 171 (1984)
52. A. Salam, *Phys. Lett.* **B147**, 47 (1984)

53. A.N. Schellekens, *Nucl. Phys.* **B248**, 706 (1984)
54. S. Weinberg, *Providence Grand Unif. 1984*, 508 (1984)
55. Y. Tosa, *Phys. Rev.* **D30**, 339 (1984)
56. S. Das, *Phys. Lett.* **B148**, 39 (1984)
57. K. Yamamoto, *Phys. Lett.* **B149**, 123 (1984)
58. Z.F. Ezawa, *Phys. Lett.* **B140**, 205 (1984)
59. Y.S. Myung, *Phys. Lett.* **B145**, 45 (1984)
60. Y.S. Wu, *J. Math. Phys.* **25**, 2696 (1984)
61. W.J. Wilson, *Phys. Scr.* **30**, 389 (1984)
62. N. Turok, *Santa Barbara Pr. NSF-ITP-84-16* (1984)
63. A.N. Mitra, *Golden Jubilee issue of Indian Nat. Soc. Acad.* (1984)
64. S. Mallik, *Helv. Phys. Acta* **58**, 1004 (1985)
65. Ch. Wetterich, *Nucl. Phys.* **B253**, 366 (1985)
66. A.N. Schellekens, *Nucl. Phys.* **B250**, 252 (1985)
67. I.G. Koh, *Phys. Lett.* **B153**, 45 (1985)
68. S.P. de Alwis, *Phys. Rev.* **D32**, 1345 (1985)
69. C.C. Chiang, *Phys. Rev.* **D32**, 1364 (1985)
70. K. Pilch, *Nucl. Phys.* **B256**, 109 (1985)
71. I.G. Koh, *Phys. Rev.* **D32**, 3195 (1985)
72. A.N. Schellekens, *Nucl. Phys.* **B262**, 661 (1985)
73. G. Venturi, *Lett. Nuovo Cim.* **44**, 43 (1985)
74. Ch. Wetterich, *Nucl. Phys.* **B252**, 309 (1985)
75. Ch. Wetterich, *Nucl. Phys.* **B255**, 480 (1985)
76. Ch. Wetterich, *Nucl. Phys.* **B260**, 402 (1985)
77. Ch. Wetterich, *Nucl. Phys.* **B261**, 461 (1985)
78. R.A. Coleman, *Regina U. Pr. Print-85-0044 (REGINA)* (1985)
79. S.C. Lee, *Taiwan, Inst. Phys. Pr. IP-ASTP-2-85* (1985)
80. Y. Okada, *Tokyo U. Pr., Ph.D. Thesis. UT-448-TOKYO* (1985)
81. Ch. Wetterich, *Jerusalem Winter Sch.1984*, 206 (1985)
82. P. Minkowski, *Bern U. Pr. BUTP-85/5* (1985)
83. J. Sobczyk, *Phys. Lett.* **B151**, 347 (1985)

84. S.K. Bose, *Phys. Rev.* **D31**, 1493 (1985)
85. C.C. Chiang, *J. Math Phys.* **26**, 1083 (1985)
86. A. Chodos, *Usp. Fiz. Nauk* **146**, 647 (1985)
87. P.H. Frampton, *Nucl. Phys.* **B254**, 349 (1985)
88. J.A. Frieman, *Phys. Rev. Lett.* **55**, 1435 (1985)
89. M. Huq, *Class. Quant. Grav.* **2**, 293 (1985)
90. K. Maeda, *Phys. Lett.* **B154**, 358 (1985)
91. Y.S. Myung, *Phys. Lett.* **A111**, 412 (1985)
92. H. Nishino, *Phys. Lett.* **B154**, 363 (1985)
93. K. Pilch, *Nucl. Phys.* **B259**, 637 (1985)
94. S. Randjbar-Daemi, *Phys. Lett.* **B151**, 343 (1985)
95. J. Govaerts, *Texas U. Pr.* **UTTG-04-85** (1985)
96. M.J. Duff, *Phys. Rep.* **130**, 1 (1986)
97. D.E. Neville, *Phys. Rev.* **D33**, 363 (1986)
98. F.A. Bais, *Nucl. Phys.* **B263**, 557 (1986)
99. Y. Okada, *Nucl. Phys.* **B264**, 197 (1986)
100. Ch. Wetterich, *Phys. Lett.* **B167**, 325 (1986)
101. J. Strathdee, *Int. J. Mod. Phys.* **A1**, 1 (1986)
102. R.M. Doria, *Nuovo Cim.* **B96**, 153 (1986)
103. F.S. Accetta, *Phys. Rev.* **D34**, 1798 (1986)
104. F.S. Accetta, *Texas Rel. Astrophys. 1986*, 74 (1986)
105. N.A. Batakis, *Class. Quant. Grav.* **L3**, L99 (1986)
106. J.D. Gegenberg, *Class. Quant. Grav.* **3**, 379 (1986)
107. M. Kaku, *Nucl. Phys.* **B268**, 489 (1986)
108. K. Kitakaze, *Nuovo Cim.* **B93**, 217 (1986)
109. D. Lüst, *Nucl. Phys.* **B276**, 220 (1986)
110. K. Maeda, *Class. Quant. Grav.* **3**, 651 (1986)
111. O.M. Moreschi, *J. Math. Phys.* **27**, 2402 (1986)
112. S. Randjbar-Daemi, *Phys. Lett.* **B166**, 65 (1986)
113. N. Van Hieu, *Fort. Phys.* **34**, 441 (1986)
114. C. Vaz, *Johns Hopkins U. Pr.* **JHU-HET-8611** (1986)

115. M. Visinescu, *Class. Quant. Grav.* **3**, 889 (1986)
116. Ch. Wetterich, *Nucl. Phys.* **B279**, 711 (1987)
117. K.J. Barnes, *Nucl. Phys.* **B281**, 253 (1987)
118. M.R. Carter, *Phys. Rev* **D36**, 412 (1987)
119. K. Farakos, *Nucl. Phys.* **B291**, 128 (1987)
120. P. Bántay, *Mod. Phys. Lett.* **A2**, 57 (1987)
121. M.B. Green, J.H. Schwarz and E. Witten, *Superstring Theory*, Vol. **2**, Cambridge Univ. Press (1987)
122. F. Muller-Hoissen, *Class. Quant. Grav.* **4**, L143 (1987)
123. M. Surridge, *Z. Phys.* **C37**, 77 (1987)
124. P. Collato, *Nuovo Cim.* **A98**, 359 (1987)
125. D. Bailin, *Rep. Pr. Phys.* **R50**, 1087 (1987)
126. C. Castaldi, *Europh. Lett.* **3**, 419 (1987)
127. G.W. Gibbons, *Nucl. Phys.* **B287**, 717 (1987)
128. R. Kantowsky, *Phys. Rev.* **D35**, 549 (1987)
129. G.M. O'Brien, *Nuovo Cim.* **A97**, 673 (1987)
130. T.C. Shen, *Phys. Rev.* **D36**, 397 (1987)
131. J. Sobczyk, *Class. Quant. Grav.* **4**, 37 (1987)
132. K.J. Barnes, *Z. Phys.* **C33**, 427 (1987)
133. M.V. Atre, *Int. J. Mod. Phys.* **A2**, 453 (1987)
134. G. Zoupanos, *Phys. Lett.* **B201**, 301 (1988)
135. K. Farakos, *Phys. Lett.* **B211**, 322 (1988)
136. F. Mueller-Hoissen, *Class. Quant. Grav.* **5**, 27 (1988)
137. S. Theisen, *Z. Phys.* **C37**, 597 (1988)
138. X.Z. Li, *Phys. Lett.* **B201**, 34 (1988)
139. G.M. O'Brien, *J. Math. Phys.* **29**, 1212 (1988)
140. R. Kerner, *Phys. Lett.* **B215**, 87 (1988)
141. L. Clavelli, *Phys. Rev. Lett.* **61**, 787 (1988)
142. X.Z. Li, *Gen. Relat. Grav.* **20**, 1087 (1988)
143. B. Grossmann, *Phys. Lett.* **B220**, 431 (1989)
144. I.L. Buchbinder, *Fort. Phys.* **37**, 325 (1989)
145. N.A. Batakis, *Phys. Lett.* **B220**, 513 (1989)

146. R. Kerner, *Phys. Lett.* **B215**, 87 (1989)
147. S. Mignemi, *Gen. Relat. Grav.* **21**, 551 (1989)
148. D. Kapetanakis, *Phys. Lett.* **B232**, 104 (1989)
149. B. Chakraborty, *Phys. Lett.* **A142**, 75 (1989)
150. Y.M. Cho, *Sorak Mountain Resort 1989, Proceedings*, 135 (1989)
151. E. Nahmadachar, *Phys. Rev.* **D42**, 488 (1990)
152. D. Kapetanakis, *Acta Phys. Polonica* **B21**, 391 (1990)
153. D. Kapetanakis, *Phys. Lett.* **B249**, 66 (1990)
154. Z. Yu, *Phys. Lett.* **B246**, 39 (1990)
155. A. Nakamura, *Mod.Phys.Lett* **A5**, 1109 (1990)
156. C.M. Doria, *Europhysics Lett.* **16**, 23 (1991)
157. N.P. Landsman, *Nucl. Phys.* **B365**, 121 (1991)
158. M.R. Carter, *Maryland U. Pr.* **UMDEPP-91-202** (1991)
159. Yu.A. Kubyshin, *J.Math.Phys* **32**, 2200 (1991)
160. G. Zoupanos, *Max Planck Inst. Pr.* **MPI-PH-92-13** (1992)
161. C.M. Doria, *Comm. Theor. Phys* **17**, 505 (1992)
162. D. Kapetanakis, *Physics Reports* **219**, 1 (1992)
163. D. Kapetanakis, *Zeitschr. für Phys.* **C56**, 91 (1992)
164. D. Kapetanakis, *Iberian Mtg. Gravity 1992*, 189 (1992)
165. M. Ozer, *Phys. Rev.* **D45**, R991 (1992)
166. L. Alvarez-Gaume, *Les Houches Sum.Sch.1992*, 481 (1992)
167. G. Clement, *Class. Quant. Grav.* **10**,L49 (1993)
168. B.E. Hanlon, *Phys. Lett.* **B298**, 312 (1993)
169. B.E. Hanlon, *Phys. Rev.* **D48**, 2204 (1993)
170. Yu.A. Kubyshin, *Barcelona U. Pr.* **UB-ECM-PF-93-11** (1993)
171. R.M. Doria, *Comm. Th. Phy.* **21**, 121 (1994)
172. M.J. Duff, *Newton Inst. Pr.* **NI-94-015** (1994)
173. C. Bachas, *Ecole Polytechnique Pr.* **CPTH-R349-0395** (1995)
174. D.C. Galehouse, *Akron U. Pr.* **QG-3-3-12-17-95** (1995)
175. G. Dvali, *Nucl. Phys.* **B504**, 127 (1997)
176. Yasuo Ezawa, *Class. Quant. Grav.* **16**, 1127 (1999)

- 177. J.M. Overduin, *Phys. Rept.* **283**, 303 (1997)
- 178. Y. Ezawa, *Class. Quant. Grav.* **14**, 257 (1997)
- 179. S. Shrivastava, *Pramana - J. Phys.* **49**, 323 (1997)
- 180. J.W. Moffat, *e-Print Archive: hep-ph/9904446* (1999)
- 181. Sean M. Carroll, *Phys.Rev.***D66**, 024036 (2002)
- 182. Rula Tabbash, *e-Print Archive: hep-ph/0111334* (2001)
- 183. A.L. Barbosa, *Phys. Rev.* **D66**, 064028 (2002)
- 184. Sean M. Carroll, *e-Print Archive: hep-th/0302067* (2003)
- 185. E.I. Guendelman, *e-Print Archive: gr-qc/0303048* (2003)
- 186. J.M. Frere, *JHEP* **0306**, 009 (2003)

[24] **New exact classical solutions of the Euclidean Yang-Mills theory**
Acta Phys. Austriaca **50**, 137 (1979)

- 1. A. Chakrabarti, *Phys. Rev.* **D26**, 1425 (1982)

[25] **Spontaneous compactification and monopoles in higher dimensions**
Nucl. Phys. **B142**, 327 (1978)

- 1. A. Salam, *Proc. Int. Conf. High Energy Phys. 1974 Tokyo*, 933 (1978)
- 2. A. Salam, *Physica Scripta* **20**, 4391 (1978)
- 3. S. Randjbar-Daemi, *Phys. Lett.* **B117**, (1982)
- 4. A. Salam, *Ann. Phys.* **141**, 316 (1982)
- 5. C. Destri, *Ann. Phys.* **147**, 321 (1983)
- 6. S. Randjbar-Daemi, *Phys. Lett.* **B124**, 345 (1983)
- 7. C.H. Tze, *Phys. Lett.* **B128**, 160 (1983)
- 8. G. Chapline, *Phys. Lett.* **B135**, 109 (1984)
- 9. G. Chapline, *Phys. Lett.* **B143**, 161 (1984)
- 10. S. Randjbar-Daemi, *Phys. Lett.* **B148**, 48 (1984)
- 11. P. Forgács, *Phys. Lett.* **B148**, 99 (1984)
- 12. W. Mecklenburg, *Fort. Phys.* **32**, 207 (1984)
- 13. A.N. Schellekens, *Nucl. Phys.* **B248**, 706 (1984)
- 14. L. Palla, *Z. Phys.* **C24**, 195 (1984)

15. W.J. Wilson, *Phys. Script.* **30**, 389 (1984)
16. Y. Tosa, *Phys. Rev.* **D30**, 339 (1984)
17. A.N. Schellekens, *Nucl. Phys.* **B250**, 252 (1985)
18. A.N. Schellekens, *Nucl. Phys.* **B262**, 661 (1985)
19. S.C. Lee, *Taiwan, Inst. Phys. Pr.* **IP-ASTP-2-85** (1985)
20. C.C. Chiang, *Phys. Rev.* **D32**, 1364 (1985)
21. K. Pilch, *Nucl. Phys.* **B256**, 109 (1985)
22. G. Segrè, *Cargese Lecture Notes* (1985)
23. S.K. Bose, *Phys. Rev.* **D31**, 1493 (1985)
24. C.C. Chiang, *J. Math. Phys.* **26**, 1083 (1985)
25. J. Govaerts, *Texas U. Pr.* **UTTG-04-85** (1985)
26. K. Kitakaze, *Nuovo Cim.* **B93**, 217 (1986)
27. O.M. Moreschi, *J. Math. Phys.* **27**, 2402 (1986)
28. N. Van Hieu, *Fort. Phys.* **34**, 441 (1986)
29. F.A. Bais, *Nucl. Phys.* **B269**, 363 (1986)
30. R.M. Doria, *Nuovo Cim.* **B96**, 153 (1986)
31. M. Visinescu, *Class. Quant. Grav.* **3**, 889 (1986)
32. G.C. Segre, *Schladming School 1986*, 123 (1986)
33. M.V. Atre, *Int. J. Mod. Phys.* **A2**, 453 (1987)
34. P. Bántay, *Mod. Phys. Lett.* **A2**, 57 (1987)
35. D. Bailin, *Rep. Proc. Phys.* **50**, 1087 (1987)
36. G.M. O'Brien, *Nuovo Cim.* **A97**, 673 (1987)
37. S. Ianus, *Class. Quant. Grav.* **4**, 1317 (1987)
38. M.B. Green, J.H. Schwarz and E. Witten, *Superstring Theory*, Vol. **2**, Cambridge Univ. Press (1987)
39. F. Mueller-Hoissen, *Class. Quant. Grav.* **4**, L143 (1987)
40. P. Collato, *Nuovo Cim.* **A98**, 359 (1987)
41. F. Mueller-Hoissen, *Class. Quant. Grav.* **5**, 27 (1988)
42. G.M. O'Brien, *J. Math. Phys.* **29**, 1212 (1988)
43. B. Grossmann, *Phys. Lett.* **B220**, 513 (1989)
44. N.P. Landsman, *Nucl. Phys.* **B365**, 121 (1991)
45. P. Lévy, *Phys. Rev.* **A45**, 45 (1992)

46. R.M. Doria, *Comm. Th. Phys.* **21**, 121 (1994)
47. P. Lévy, *J. Phys.* **A27**, 2857 (1994)
48. J.M. Overduin, *Phys.Rept.* **283**, 303 (1997)
49. Guy F. de Teramond, *Phys.Rev.* **D60**,095010 (1999)
50. Rula Tabbash, *e-Print Archive: hep-ph/0111334* (2001)

[26] **On a static solution of the Einstein-Yang-Mills system in six dimensions**
Gen. Relat. Grav. **10**, 931 (1979)

1. W. Mecklenburg, *Fortsch. Phys.* **32**, 207 (1984)
2. D. Lüst, *Phys. Lett.* **B165**, 309 (1985)
3. F.A. Bais, *Nucl. Phys.* **B253**, 162 (1985)
4. K. Farakos, *Nucl. Phys.* **B291**, 128 (1987)
5. K. Farakos, *Phys. Lett.* **B191**, 135 (1987)
6. G. Zoupanos, *Phys. Lett.* **B201**, 301 (1988)
7. K. Farakos, *Phys. Lett.* **B211**, 322 (1988)
8. N.A. Batakis, *Phys. Lett.* **B220**, 513 (1989)
9. D. Kapetanakis, *Phys. Lett.* **B232**, 104 (1989)
10. S.W. Kim, *Phys. Rev.* **D40**, 4028 (1989)
11. D. Kapetanakis, *Acta Phys. Polonica* **B21**, 391 (1990)
12. D. Kapetanakis, *Physics Reports* **219**, 1 (1992)
13. M.T. Murphy, *Mon. Not. Roy. Astron. Soc.* **327**, 1223 (2001)
14. M.T. Murphy, *Mon. Not. Roy. Astron. Soc.* **327**, 1237 (2001)
15. M.T. Murphy, *Mon. Not. Roy. Astron. Soc.* **327**, 1244 (2001)
16. S. Hervik, *Class. Quant. Grav.* **19**, 5409 (2002)
17. Jean-Philippe Uzan, *Rev. Mod. Phys.* **75**, 403 (2003)
18. Paul Langacker, *e-Print Archive: hep-ph/0304093* (2003)

[27] **On the influence of extra dimensions to the homogeneous isotropic universe**
Gen. Relat. Grav. **11**, 10 (1979)

1. D. Lorenzpetzold, *Phys. Lett.* **B148**, 43 (1984)
2. D. Lorenzpetzold, *Phys. Rev.* **D31**, 929 (1985)

3. R.B. Mann, *Phys. Lett.* **A107**, 75 (1985)
4. D. Lorenzpetzold, *Acta Phys. Austr.* **57**, 1 (1985)
5. D. Lorenzpetzold, *Phys. Lett.* **B158**, 110 (1985)
6. D. Lorenzpetzold, *J. Astrphys. Astron.* **6**, 131 (1985)
7. D. Lorenzpetzold, *Class. Quant. Grav.* **2**, 829 (1985)
8. D. Lorenzpetzold, *Gen. Rel. Grav.* **17**, 829 (1985)
9. D. Lüst, *Phys. Lett.* **B165**, 309 (1985)
10. F.A. Bais, *Nucl. Phys.* **B253**, 162 (1985)
11. F. Muller-Hoissen, *Class. Quant. Grav.* **3**, 665 (1986)
12. A.B. Henriques, *Nucl. Phys.* **B277**, 621 (1986)
13. K. Farakos, *Nucl. Phys.* **B291**, 128 (1987)
14. K. Farakos, *Phys. Lett.* **B191**, 135 (1987)
15. D.L. Wiltshire, *Phys. Rev.* **D36**, 1634 (1987)
16. G. Zoupanos, *Phys. Lett.* **B201**, 301 (1988)
17. K. Farakos, *Phys. Lett.* **b211**, 322 (1988)
18. N.A. Batakis, *Phys. Lett.* **B220**, 513 (1989)
19. D. Kapetanakis, *Phys. Lett.* **b232**, 104 (1989)
20. D. Kapetanakis, *Acta Phys. Polonica* **B21**, 391 (1990)
21. D. Kapetanakis, *Physics Reports* **219**, 1 (1992)
22. L. Burakovsky, *Gen. Rel. Grav.* **27**, 1043 (1995)
23. V.D. Ivashchuk, *Grav. Cosmol.* **1**, 133 (1995)
24. V.R. Gavrilov, *Class. Quant. Grav.* **13**, 3039 (1996)
25. K. Kleidis, *J. Math. Phys.* **37**, 4025 (1996)
26. K. Kleidis, *J. Math. Phys.* **38**, 3189 (1997)
27. V.N. Melnikov, *J. Korean Phys. Soc.* **35**, S675 (1999)
28. V.R. Gavrilov, *Theor. Math. Phys.* **114**, 355 (1998)
29. V.R. Gavrilov, *Gen. Rel. Grav.* **31**, 139 (1999)
30. K. Kleidis, *Class. Quant. Grav.* **15**, 2217 (1998)
31. V.D. Ivashchuk, *e-Print Archive: gr-qc/9901001*
32. Havard Bunes Sandvik, *Phys. Rev. Lett.* **88**, 031302 (2002)
33. J.D. Barrow, *Phys. Rev.* **D65**, 063504 (2002)

34. John D. Barrow, *Phys. Rev.* **D65**, 123501 (2002)
35. J.K. Webb, *Phys. Rev. Lett.* **87**, 091301 (2001)
36. N. Mohammedi, *Phys. Rev.* **D65**, 104018 (2002)
37. S. Hervik, *Class. Quant. Grav.* **19**, 5409 (2002)
38. Paul Langacker, *e-Print Archive: hep-ph/0304093* (2003)
39. Menas Kafatos, *e-Print Archive: astro-ph/0305117* (2003)
40. J. Lopez, *Astrophys. Space Sci.* **283**, 553 (2003)
- [28] ***O(3) symmetric merons in $SU(N)$ gauge theory***
Phys. Rev. **D21**, 2953 (1980)
1. I.M. Burbán, *Phys. Lett.* **B95**, 387 (1980)
 2. K. Imai, *Nucl. Phys.* **A527**, 181 (1991)
- [30] **Generating the BPS one monopole by a Bäcklund transformation**
Phys. Rev. Lett. **45**, 505 (1980)
1. L. O’Raifeartaigh, *Acta Phys. Austr.* **XXIII**, 525 (1981)
 2. E.D. Jones, *Oxford U. Pr.* **PRINT-81-0249 (OXFORD)** (1981)
 3. J. Burzlaff, *Czech. J. Phys.* **B32**, 624 (1982)
 4. M.K. Prasad, *Phys. Rev.* **D23**, 1795 (1981)
 5. M.K. Prasad, *Phys. Rev.* **D23**, 2321 (1981)
 6. S. Takeno, *Prog. Theor. Phys.* **66**, 1250 (1981)
 7. L.L. Chau Wang, *18th Winter School of Theoretical Physics, Karpacz BNL-29550* (1981)
 8. F.A. Bais, *Scheveningen Conf. 1981*, 107 (1981)
 9. F.A. Bais, *Nucl. Phys.* **B195**, 522 (1982)
 10. F.A. Bais, *Phys. Lett.* **B113**, 35 (1982)
 11. A. Chakrabarti, *Phys. Rev.* **D25**, 3282 (1982)
 12. C.M. Cosgrove, *J. Math. Phys.* **23**, 615 (1982)
 13. R.K. Dodd, *Phys. Lett.* **A91**, 267 (1982)
 14. N. Sanchez, *Grossmann Meeting 1982*, 993 (1982)
 15. D. Olive, *Gauge Theories, Fundamental Interactions...* p.33 , Birkhauser, Eds. Dita et al, Basel-Boston-Stuttgart (1982)

16. F.A. Bais, *Nucl. Phys.* **B227**, 75 (1983)
17. L.P. Singh, *Utkal U. Pr.* **Print-83-0256 (UTKAL)** (1983)
18. N. Sanchez, *CLAUSTHAL 1983, PROCEEDINGS, DIFFERENTIAL GEOMETRIC METHODS IN MATHEMATICAL PHYSICS*, 280 (1983)
19. Y. Duan, *SLAC Pr.* **SLAC-PUB-3265** (1983)
20. N. Sanchez, *Trieste Grp. Theor. Meth. 1983*, 125 (1983)
21. B.K. Harrison, *J. Math. Phys.* **24**, 2178 (1983)
22. F.A. Bais, *Monopoles in QFT* p.111, World Scientific Publ., Singapore (1983)
23. J. Burzlaff, *Comm. of the Dublin Inst. for Advanced Studies Series* **A27**, ISSN-0070-7414 DIAS (1983)
24. E.V. Doktorov, *Int. J. Theor.* **23**, 449 (1984)
25. H.C. Morris, *J. Math. Phys.* **25**, 240 (1984)
26. P.O. Mazur, *Phys. Lett.* **A100**, 341 (1984)
27. A. Sym, *Lett. Nuovo Cim.* **39**, 193 (1984)
28. N. Sanchez, *Phys. Lett.* **B144**, 217 (1984)
29. T. Kiss-Tóth, *Nucl. Phys.* **B242**, 233 (1984)
30. N. Sanchez, *Lect. N. Phys.* **201**, 217 (1984)
31. P.O. Mazur, *Phys. Lett.* **A109**, 429 (1985)
32. N. Sanchez, *Marseille 1986, Harmonic Mappings, Twistor, and Sigma-Models*, 270 (1986)
33. L.L. Chau, *Brookhaven Pr.* **BNL-36440** (1985)
34. L.L. Chau, *Phys. Rev.* **D34**, 1814 (1986)
35. L. Crane, *Comm. Math. Phys.* **110**, 391 (1987)
36. T. Kiss-Tóth, *Phys. Rev.* **D35**, 1855 (1987)
37. E. Kyriakopoulos, *J. Phys.* **A20**, 1669 (1987)
38. J. Tafel, *J. Math. Phys.* **30**, 706 (1988)
39. E.V. Doktorov, *Theor. Math.* **75**, 599 (1988)
40. J. Tafel, *J. Math. Phys.* **34**, 1892 (1993)
41. D. Singleton, *Phys. Lett.* **A223**, 12 (1996)
42. D. Singleton, *J. Math. Phys.* **37**, 4574 (1996)
43. Shao-shiung Lin, *e-Print Archive: hep-th/9709073* (1997)
44. Choonkyu Lee, *Phys. Lett.* **B449**, 223 (1999)

- 45. J.F. Yang, *Int. J. Theor. Phys.* **38**, 1817 (1999)
- 46. G. Zet, *Math. Comput. Model.* **34**, 37 (2001)
- 47. Clifford V. Johnson, *Phys. Rev.* **D63** 065004 (2001)
- 48. Clifford V. Johnson, *Boulder 1999, Strings, branes and gravity* 129-350 (2000)

[31] **On static, axially symmetric solutions of $SU(2)$ monopoles**
Acta Phys. Austr. **53**, 91 (1981)

- 1. T. Kiss-Tóth, *Phys. Rev.* **D35**, 1855 (1987)

[33] **An exact fractionally charged selfdual solution**
Phys. Rev. Lett. **46**, 392 (1981)

- 1. J. Cervero, *Phys. Lett.* **B104**, 467 (1981)
- 2. K.L. Chang, *Lett. Nuovo Cim.* **32**, 393 (1981)
- 3. R. Stacey, *Z. Phys.* **C10**, 149 (1981)
- 4. Z.E.S. Uy, *SUNY Coll. Pr. Print-81-0677 (OLD WESTBURY)* (1981)
- 5. M.S. Drew, *Lett. Nuovo Cim.* **33**, 14 (1982)
- 6. K.L. Chang, *Nuovo Cim.* **A75**, 263 (1983)
- 7. W. Mecklenburg, *Phys. Rev.* **D28**, 2686 (1983)
- 8. R. Stacey, *J. Math. Phys.* **24**, 154 (1983)
- 9. M.F. Atiyah, *Comm. Math. Phys.* **93**, 437 (1984)
- 10. M.F. Atiyah, *Lecture notes* (1984)
- 11. A. Chakrabarti, *Nucl. Phys.* **B248**, 209 (1984)
- 12. V.A. Yatsun, *Kiev, ITF Pr. ITF-83-147E* (1984)
- 13. C. Nash, *J. Math. Phys.* **27**, 2160 (1986)
- 14. A. Chakrabarti, *J. Math. Phys.* **27**, 340 (1986)
- 15. W. Nahm, *Theory and Detection of Magnetic Monopoles...* p.83, Ed. by N. Craigie, World Scientific Publ., Singapore (1986)
- 16. L. O’Raifeartaigh, *Nucl. Phys.* **B293**, 559 (1987)
- 17. L.M. Sibner, *Bull. Am. Math. Soc.* **19**, 471 (1988)
- 18. P.M. Sutcliff, *J. Math. Phys.* **33**, 2269 (1992)
- 19. L. Sadun, *Comm. Math. Phys.* **145**, 3638 (1992)
- 20. L.M. Sibner, *Comm. Math. Phys.* **144**, 337 (1992)

21. I.A. Strachan, *J. Math. Phys.* **33**, 102 (1992)
 22. M. Kovalyov, *J. Math. Phys.* **34**, 3245 (1993)
 23. P.B. Kronheimer, *Topology* **32**, 773 (1993)
 24. J. Rade, *J. Rein. Math.* **452**, 111 (1994)
 25. L. Sadun, *Comm. Math. Phys.* **163**, 257 (1994)
 26. C. Vaz, *Class. Quant. Grav.* **12**, 2607 (1995)
 27. V.V. Shevchishin, *Math. Ann.* **305**, 461 (1996)
 28. Paul B. Slater, *e-Print Archive: math-ph/0108005* (2001)
- [34] **Exact multimonopole solutions in the Bogomolny Prasad Sommerfield limit**
Phys. Lett. **B99**, 232 (1981)
1. L. O’Raifeartaigh, *Acta Phys. Austr.* **XXIII**, 525 (1981)
 2. E. Corrigan, *Comm. Math. Phys.* **80**, 575 (1981)
 3. E. Corrigan, *EPS HEP Conf. 1981* (1981)
 4. S.C. Lee, *Phys. Rev.* **D24**, 2200 (1981)
 5. A. Chakrabarti, *Phys. Rev.* **D24**, 3146 (1981)
 6. R.S. Ward, *Phys. Lett.* **B102**, 136 (1981)
 7. P. Houston, *Z. Phys.* **C8**, 175 (1981)
 8. D.I. Olive, *Erice EPS: Unification 1981*, 15 (1981)
 9. F.A. Bais, *Scheveningen Conf. 1981*, 107 (1981)
 10. L.P. Singh, *Phys. Lett.* **B104**, 463 (1981)
 11. W. Nahm, *Proc. of the Symposium...* 397, Ed. Z. Horváth, Visegrád (1981)
 12. J. Burzlaff, *Lett. Math. Phys.* **6**, 141 (1982)
 13. F.A. Bais, *Nucl. Phys.* **B195**, 522 (1982)
 14. F.A. Bais, *Phys. Lett.* **B113**, 35 (1982)
 15. A. Chakrabarti, *Phys. Rev.* **D25**, 3282 (1982)
 16. P. Goddard, *Phi. T. Roy.* **A304**, 87 (1982)
 17. D.I. Olive, *Czech. J. Phys.* **32**, 529 (1982)
 18. H. Osborne, *Comm. Math. Phys.* **86**, 195 (1982)
 19. P. Rossi, *Phys. Rep.* **86**, 317 (1982)
 20. D.I. Olive, *Gauge Theories: Fundamental ...* p.33, Eds. P. Dita et al., Birkhauser, Basel-Boston-Stuttgart (1982)

21. W. Nahm, *Monopoles in QFT* p.87, Ed. N.S. Craigie, World Scientific Publ. Co., Singapore (1982)
22. C. Athorne, *Comm. Math. Phys.* **88**, 43 (1983)
23. A. Comtet, *Marseilles U. Pr.* **CPT-83/P-1538** (1983)
24. L.P. Singh, *Utkal U. Pr.* **Print-83-0256 (UTKAL)** (1983)
25. F.A. Bais, *Nucl. Phys.* **B227**, 75 (1983)
26. B.K. Harrison, *J. Math. Phys.* **24**, 2178 (1983)
27. J. Burzlaff, *Comm. of the Dublin Inst. for Advanced Studies Series* **A27**, ISSN-0070-7414 DIAS (1983)
28. A. Comtet, *Phys. Rev.* **D30**, 468 (1984)
29. **Reprinted in Vol.2.** of C. Rebbi and Soliani, *Solitons and Instantons*, World Scientific Publ. Co., Singapore (1985)
30. P.R. Wainwright, *J. Math. Phys.* **26**, 202 (1985)
31. J. Burzlaff, *Dublin Inst. Pr.* **DIAS-STP-85-14** (1985)
32. E.Y. Doktorov, *Lett. Math. Phys.* **26**, 202 (1985)
33. J. Burzlaff, *Clausthal Diff. Geom. Meth. 1986*, 118 (1986)
34. P.A. Horváthy, *Nonpert. Methods in QFT* p.39, Ed. Z. Horváth, World Scientific Publ. Co., Singapore (1987)
35. L. O’Raifeartaigh, *Dublin Inst. Pr.* **CPT-86-P-1879** (1987)
36. N. Manton, *Phys. Lett.* **B192**, 177 (1987)
37. L.Gy. Fehér, *Mod. Phys. Lett.* **A3** 1451 (1988)
38. L. O’Raifeartaigh, *Int. J. Mod. Phys.* **A3**, 665 (1988)
39. D. Singleton, *J. Math. Phys.* **37**, 4574 (1996)
40. P.M. Sutcliffe, *Int.J.Mod.Phys.* **A12**, 4663-4706,1997
41. B. Kleihaus, *Phys. Rev.* **D57**, 834-856 (1998)
42. B. Kleihaus, *Mod. Phys. Lett.* **A13**, 2523 (1998)
43. J.F. Yang, *Int. J. Theor. Phys.* **38 38**, 1817 (1999)
44. Z.Z. Zhong, *Mod. Phys. Lett.* **A14**, 585 (1999)
45. Choonkyu Lee, *Phys. Lett.* **B449**, 223 (1999)
46. Burkhard Kleihaus, *Phys. Rev.* **D61**, 025003 (2000)
47. Clifford V. Johnson, *Phys. Rev.* **D63**, 065004 (2001)
48. Betti Hartmann, *Mod. Phys. Lett.* **A15**, 1003 (2000)
49. Burkhard Kleihaus, *Phys. Rev. Lett.* **85**, 2430 (2000)

50. Rosy Teh, *Int. J. Mod. Phys.* **A16**, 3479 (2001)
51. Clifford V. Johnson, *Boulder 1999, Strings, branes and gravity* 129-350 (2000)
52. Betti Hartmann, *Phys. Rev. Lett.* **86**, 1422 (2001)
53. Betti Hartmann, *Phys. Rev.* **D65**, 024027 (2002)
54. Yves Brihaye, *Phys. Lett.* **B534**, 137 (2002)
55. Yves Brihaye, *Europhys. Lett.* **61**, 155 (2003)
56. Yves Brihaye, *Phys. Rev.* **D67**, 044001 (2003)
57. Vanush Paturyan, *e-Print Archive: hep-th/0306160* (2003)
58. Burkhard Kleihaus, *e-Print Archive: hep-th/0307110* (2003)
59. Burkhard Kleihaus, *e-Print Archive: hep-th/0307215* (2003)

[35] **Towards complete integrability of the selfduality equations**

Phys. Rev. **D23**, 1976 (1981)

1. L.L. Chau, *Phys. Rev.* **D24**, 1574 (1981)
2. H. Osborn, *Comm. Math. Phys.* **86**, 317 (1982)
3. P. Rossi, *Phys. Rep.* **86**, 317 (1982)
4. D.I. Olive, *Gauge Theories: Fundamental ...* p.33, Eds. P. Dita et al., Birkhauser, Basel-Boston-Stuttgart (1982)
5. G. Bhattacharya, *ITCP preprint ITCP/81/82-13*
6. Y.S. Aubin, *Montreal U. preprint CRMA-1119* (1982)
7. L.L. Chau, *Phys. Lett.* **B121**, 121 (1983)
8. Z. Popowicz, *Z. Phys.* **C19**, 79 (1983)
9. M. Quiros, *Nuovo Cim.* **A76**, 495 (1983)
10. Y.S. Wu, *Comm. Math. Phys.* **90**, 461 (1983)
11. K. Ueno, *Publ. Res. I. Math. Sci.* **19**, 519 (1983)
12. R. Pasquier, *CR. AC. SI.* **298**, 117 (1984)
13. A. Chakrabarti, *Phys. Rev.* **D28**, 989 (1984)
14. T. Kiss-Tóth, *Nucl. Phys.* **B242**, 233 (1984)
15. H.J. Pohle, *Z. Phys.* **C25**, 147 (1984)
16. H.J. Pohle, *Phys. Rev.* **D31**, 393 (1985)
17. S. Miyamoto, *Phys. Rev.* **D32**, 1539 (1985)
18. C.F. Delcastillo, *J. Math. Phys.* **26**, 836 (1985)

19. P.O. Mazur, *Phys. Lett.* **A109**, 429 (1985)
20. Z. Popowicz, *Wroclaw U. preprint UWR-86/660* (1986)
21. A. Chakrabarti, *Phys. Rev.* **D35**, 696 (1987)
22. T. Kiss-Tóth, *Phys. Rev.* **D35**, 1855 (1987)
23. Z. Popowicz, *Inverse Pr.* **3**, 329 (1987)
24. L. Mason, *J. Math. Phys.* **29**, 1005 (1988)
25. L. Mason, *Phys. Lett.* **A130**, 65 (1988)
26. L.L. Chau, *Univ. of California preprint UCD-88-28* (1988)
27. D.A. Korotkin, *Comm. Math. Phys.* **134**, 397 (1990)
28. D.A. Korotkin, *Math. USSR* **70**, 355 (1991)
29. A. Nakamura, *J. Math. Phys.* **32**, 382 (1991)
30. K. Takasaki, *Semin. on Prt. Der. Equ.* Paris, France (1991)
31. K. Takasaki, *Kyoto U., RIMS RIMS-747* (1991)
32. L.L. Chau, *J. Phys.* **A27**, 7131 (1994)
33. Olaf Lechtenfeld, *JHEP* **0203**, 040 (2002)
34. Martin Wolf, *JHEP* **0206**, 055 (2002)

[36] **Generating monopoles of arbitrary charge by Bäcklund transformation**
Phys. Lett. **B102**, 131 (1981)

1. L. O’Raifeartaigh, *Proc. of the Simposium...* p.397, Ed. Z. Horváth, Visegrád (1981)
2. R.S. Ward, *Phys. Lett.* **B107**, 281 (1981)
3. S.A. Brown, *Phys. Rev.* **D24**, 2217 (1981)
4. E. Corrigan, *Monopoles in QFT* p.87, Ed. N.S. Craigie, World Scientific Publ. Co., Singapore (1982)
5. D.I. Olive, *Gauge Theories: Fundamental ...* p.33, Eds. P. Dita et al., Birkhauser, Basel-Boston-Stuttgart (1982)
6. H. Osborn, *Comm. Math. Phys.* **86**, 195 (1982)
7. Y. Brihaye, *Comm. Math. Phys.* **86**, 509 (1982)
8. N.J. Hitchin, *Comm. Math. Phys.* **83**, 579 (1982)
9. D.I. Olive, *Czeh. J. Phys.* **32**, 529 (1982)
10. M. Gürses, *Phys. Rev.* **D26**, 1912 (1982)
11. C. Athorne, *Commun. Math. Phys.* **88**, 43 (1983)

12. M. Quiros, *Nuovo Cim.* **A76**, 495 (1983)
13. D.H. Tchrakian, *Acta Phys. Austr.* **55**, 7 (1983)
14. Lambodar P. Singh, *Utkal U. preprint Print-83-0256 (UTKAL)* (1983)
15. A.R. Chowdhury, *Phys. Lett.* **A106**, 353 (1984)
16. Nilendra G. Deshpande, *Steamboat Springs 1984, Proceedings, Intersections Between Particle and Nuclear Physics*, 917 (1984)
17. W. Nahm, *Theory and Detection of Magnetic ...* p.83, Ed. N. Craigie, World Scientific Publ. Co., Singapore (1986)
18. C. Nash, *J. Math. Phys.* **27**, 492 (1986)
19. **Reprinted in Vol.2.** of C. Rebbi and Soliani, *Solitons and Instantons*, World Scientific Publ. Co., Singapore (1985)
20. N. Ercolani, *Comm. Math. Phys.* **125**, 385 (1989)
21. P.M. Sutcliffe, *Int. J. Mod. Phys.* **A12**, 4663 (1997)
22. C.V. Johnson, *Phys. Rev.* **D63**, 065004 (2001)
23. Clifford V. Johnson, *Boulder 1999, Strings, branes and gravity* 129-350 (2000)

[37] **Soliton theoretic framework for generating multimonopoles**

Ann. Phys. **136**, 371 (1981)

1. E.V. Doktorov, *Int. J. Theor. Phys.* **23**, 449 (1984)
2. A. Sym, *Lett. Nuovo Cim.* **39**, 193 (1984)
3. A. Chakrabarti, *Phys. Rev.* **D28**, 989 (1983)
4. M. Quiros, *Nuovo Cim.* **A73**, 495 (1983)
5. A. Chakrabarti, *Phys. Rev.* **D25**, 3282 (1982)
6. A. Chakrabarti, *Phys. Rev.* **D26**, 1425 (1982)
7. H. Osborn, *Comm. Math. Phys.* **86**, 195 (1982)
8. A. Chakrabarti, *J. Math. Phys.* **27**, 340 (1986)
9. L. O’Raifeartaigh, *Proc. of the Symposium...* p.397, Ed. Z. Horváth, Visegrád (1981)
10. J. Burzlaff, *Comm. of the Dublin Inst. for Advanced Studies Series* **A27**, ISSN-0070-7414 DIAS (1983)
11. A. Chakrabarti, *Nucl. Phys.* **B248**, 209 (1984)
12. W. Nahm, *Theory and Detection of Magnetic ...* p.83, Ed. N. Craigie, World Scientific Publ. Co., Singapore (1986)
13. D. O’Se, *J. Phys.* **A19**, L853 (1986)

14. A. Chakrabarti, *Fort. Phys.* **35**, 1 (1987)
15. D. O'se, *J. Math. Phys.* **27**, 325 (1986)
16. A. Sym, *Lect. N. Phys.* **239**, 154 (1985)
17. E. Doktorov, *Lett. Math. Phys.* **9**, 59 (1985)
18. E. Malec, *Act. Phys. Pol.* **B18**, 1017 (1987)
19. A. Chakrabarti, *Phys. Rev.* **D35**, 696 (1987)
20. E.V. Doktorov, *Theor. Math.* **75**, 599 (1988)
21. A. Chakrabarti, *Phys. Lett.* **B238**, 328 (1990)
22. M. Legare, *Class. and Quant. Grav.* **10**, 429 (1993)
23. P.M. Sutcliffe, *Int. J. Mod. Phys.* **A12**, 4663 (1997)
24. Choonkyu Lee, *Phys. Lett.* **B449**, 223 (1999)
25. Clifford V. Johnson, *Phys. Rev.* **D63**, 065004 (2001)
26. Clifford V. Johnson, *Boulder 1999, Strings, branes and gravity* 129-350 (2000)

[38] **Nonlinear superposition of monopoles**

Nucl. Phys. **B192**, 141 (1981)

1. L. O'Raifeartaigh, *Proc. of the Simposium...* p.397, Ed. Z. Horváth, Visegrád (1981)
2. A. Chakrabarti, *Phys. Rev.* **D25**, 3282 (1982)
3. A. Chakrabarti, *Phys. Rev.* **D26**, 1425 (1982)
4. H. Osborn, *Comm. Math. Phys.* **86**, 195 (1982)
5. P. Rossi, *Phys. Rep.* **86**, 317 (1982)
6. J. Burzlaff, *Lett. Math. Phys.* **6**, 141 (1982)
7. D.I. Olive, *Gauge Theories: Fundamental ...* p.33, Eds. P. Dita et al., Birkhauser, Basel-Boston-Stuttgart (1982)
8. A. Chakrabarti, *Phys. Rev.* **D28**, 989 (1983)
9. A. Chakrabarti *Meudon Seminar 1983-4*, 123 (1983)
10. M. Quiros, *Nuovo Cim.* **A76**, 495 (1983)
11. A. Chakrabarti, *Nucl. Phys.* **B248**, 209 (1984)
12. S. Miyamoto, *Phys. Rev.* **D32**, 1539 (1985)
13. A. Chakrabarti, *J. Math. Phys.* **27**, 340 (1986)
14. W. Nahm, *Theory and Detection of Magnetic ...* p.83, Ed. N. Craigie, World Scientific Publ. Co., Singapore (1986)

15. A. Chakrabarti, *Fort. Phys.* **35**, 1 (1987)
 16. N. Manton, *Phys. Lett.* **B215**, 559 (1988)
 17. M.F. Atiyah, *IBM, Winchester Pr.* **IBM-UKSC-207** (1989)
 18. A. Chakrabarti, *Phys. Lett.* **B238**, 328 (1990)
 19. P.M. Sutcliffe *Int. J. Mod. Phys.* **A12**, 4663 (1997)
 20. B. Kleinhaus, *Phys. Lett.* **B392**, 135 (1997)
 21. B. Kleinhaus, *Phys. Rev.* **D57**, 834 (1998)
 22. Burkhard Kleihaus, *Phys. Rev.* **D59**, 125001 (1999)
 23. Robert de Mello Koch, *Nucl. Phys.* **B559**, 143 (1999)
 24. Burkhard Kleihaus, *Phys. Rev.* **D61**, 025003 (2000)
 25. Margarita Garcia Perez, *Phys. Lett.* **B472**, 295 (2000)
 26. Clifford V. Johnson, *Phys. Rev.* **D63**, 065004 (2001)
 27. Betti Hartmann, *Mod. Phys. Lett.* **A15**, 1003 (2000)
 28. Burkhard Kleihaus, *Phys. Rev. Lett.* **85**, 2430 (2000)
 29. Rosy Teh, *Int. J. Mod. Phys.* **A16**, 3479 (2001)
 30. Clifford V. Johnson, *Boulder 1999, Strings, branes and gravity* 129-350 (2000)
 31. Betti Hartmann, *Phys. Rev. Lett.* **86**, 1422 (2001)
 32. Betti Hartmann, *Phys. Rev.* **D65**, 024027 (2002)
 33. Alastair Paulin-Campbell, *e-Print Archive: hep-th/0205060* (2002)
 34. Falk Bruckmann, *Nucl. Phys.* **B666**, 197 (2003)
 35. Vanush Paturyan, *e-Print Archive: hep-th/0306160* (2003)
 36. Falk Bruckmann, *e-Print Archive: hep-th/0309008* (2003)
- [40] **Bäcklund transformation for axially symmetric $SU(N)$ Bogomolny equations**
- Z. Phys.* **C13**, 325 (1982)
1. E.V. Doktorov, *Int. J. Theor. Phys.* **23**, 449 (1984)
- [42] **One can have noninteger topological charge**
- Z. Phys.* **C12**, 359 (1982)
1. A. Chakrabarti, *Nucl. Phys.* **B248**, 209 (1984)
 2. A. Chakrabarti, *J. Math. Phys.* **27**, 340 (1986)

3. L.M. Sibner, *Bull. Am. Math. Soc.* **19**, 471 (1988)
4. L. Sadun, *Com. PA Math.* **45**, 461 (1992)
5. L. Sadun, *Comm. Math. Phys.* **145**, 363 (1992)
6. L.M. Sibner, *Comm. Math. Phys.* **144**, 337 (1992)
7. J. Rade, *J. Rein. Math.* **452**, 111 (1994)
8. L. Sadun, *Comm. Math. Phys.* **163**, 257 (1994)
9. V.V. Shevchishin, *Math. Annal.* **305**, 461 (1996)

[43] **Finitely separated multimono- poles generated as solitons**

Phys. Lett. **B109**, 200 (1982)

1. H. Osborn, *Phys. Lett.* **86**, 195 (1982)
2. C. Athorne, *Phys. Lett.* **B117**, 55 (1982)
3. S.A. Brown, *Phys. Rev.* **D26**, 854 (1982)
4. Y.S. Aubin, *Montreal U. preprint CRMA-1119* (1982)
5. C. Athorne, *Comm. Math. Phys.* **88**, 43 (1983)
6. A. Chakrabarti, *Phys. Rev.* **D28**, 989 (1983)
7. L. O’Raifeartaigh, *Phys. Lett.* **B121**, 151 (1983)
8. A. Chakrabarti, *Meudon Seminar 1983-4*, 123 (1983)
9. H.J. Pohle, *Proc. of XVII. Int. Symp. Ahrenshoop* p.49, Ed. F. Kashlun, Berlin (1983)
10. J. Burzlaff, *Comm. of the Dublin Inst. for Advanced Studies Series A27*, ISSN-0070-7414 DIAS (1983)
11. A.D. Burns, *J. Phys.* **A12**, 689 (1984)
12. A. Chakrabarti, *Nucl. Phys.* **B248**, 209 (1984)
13. C.K. Sactioglu, *J. Math. Phys.* **25**, 3214 (1984)
14. H.J. Pohle, *Z. Phys.* **C25**, 147 (1984)
15. H.J. Pohle, *Phys. Rev.* **D31**, 3939 (1985)
16. W. Nahm, *Lect. N. Phys.* **226**, 92 (1985)
17. A. Wipf, *Helv. Phys. Acta* **58**, 531 (1985)
18. W. Nahm, in *Theory and Detection of Magnetic ...* p.83, Ed. N. Craigie, World Scientific Publ. Co., Singapore (1986)
19. A. Chakrabarti, *J. Math. Phys.* **27**, 340 (1986)

20. A. Chakrabarti, *Fort. Phys.* **35**, 1 (1987)
21. A. Chakrabarti, *Phys. Rev.* **D35**, 696 (1987)
22. J. Tafel, *J. Math. Phys.* **30**, 706 (1989)
23. N. Ercolani, *Comm. Math. Phys.* **125**, 385 (1989)
24. J. Tafel, *J. Math. Phys.* **31**, 1234 (1990)
25. L.L. Chau, *J. Phys.* **A27**, 7131 (1994)
26. C.J. Houghton, *Commun. Math. Phys.* **212**, 219 (2000)
27. Clifford V. Johnson, *Phys. Rev.* **D63**, 065004 (2001)
28. Clifford V. Johnson, *Boulder 1999, Strings, branes and gravity* 129-350 (2000)

[44] **On the linearization of source free gauge field equations**

Phys. Lett. **B115**, 463 (1982)

1. G.M. Henkin, *Proc. of Int. Congress of Math* p.809, Warszawa (1983)
2. M.M. Kapranov, *Russ. Math. Surv.* **41**, 33 (1986)

[45] **On static, axially symmetric solutions of four dimensional principal σ -models**

J. Phys. **A15**, L457 (1982)

1. T. Kiss-Tóth, *Phys. Rev.* **D35**, 1855 (1987)

[48] **Physicist's techniques for multimonopole solutions**

Monopoles in QFT p.21 , *World Scientific Publ. Singapore* (1982)

1. A. Chakrabarti, *Monopoles in QFT* p.127, Ed. N.S. Craigie, World Scientific Publ. Co., Singapore (1982)
2. D. Maison, *Monopoles in QFT* p.139, Ed. N.S. Craigie, World Scientific Publ. Co., Singapore (1982)
3. D. Olive, *Monopoles in QFT* p.157, Ed. N.S. Craigie, World Scientific Publ. Co., Singapore (1982)
4. E. Corrigan, *Monopoles in QFT* p.87, Ed. N.S. Craigie, World Scientific Publ. Co., Singapore (1982)
5. A. Chakrabarti, *Phys. Rev.* **D28**, 989 (1983)
6. L. O'Raifeartaigh, *Phys. Lett.* **B121**, 1515 (1983)
7. M. Quiros, *Nuovo Cim.* **A76**, 495 (1983)

8. J. Burzlaff, *Comm. of the Dublin Inst. for Advanced Studies Series A27*, ISSN-0070-7414 DIAS (1983)
9. J. Burzlaff, *J. Math. Phys.* **25**, 25 (1984)
10. J. Burzlaff, *J. Math. Phys.* **25**, 1524 (1984)
11. P. Dhooge, *Lect. N. Phys.* **239**, 232 (1985)
12. G. Gibbons, *Nucl. Phys.* **B274**, 183 (1986)
13. A. Chakrabarti, *Phys. Rev.* **D35**, 696 (1987)
14. A.J.G. Hey, *Science* **240**, 1163 (1988)
15. M. Templera, *Phys. Lett.* **B206**, 503 (1988)
16. C. Roiesnel, *J. Math. Phys.* **31**, 1643 (1990)

[49] **On the construction of axially symmetric $SU(N)$ monopoles**

Nucl. Phys. **B221**, 235 (1983)

1. A. Chakrabarti, *Meudon Seminar 1983-4*, 123 (1983)
2. T. Kiss-Tóth, *Nucl. Phys.* **B242**, 233 (1984)
3. A. Chakrabarti, *J. Math. Phys.* **27**, 340 (1986)
4. P.A. Horváthy, *Comm. Math. Phys.* **96**, 497 (1984)
5. A. Hadicke *Jena U. Pr.* **JENA-N/84/75** (1984)
6. P.A. Horváthy, *Comm. Math. Phys.* **99**, 517 (1985)
7. A. Chakrabarti, *Nucl. Phys.* **B248**, 209 (1984)
8. H.J. Pohle, *Phys. Rev.* **D31**, 393 (1985)
9. A. Chakrabarti, *Fort. Phys.* **35**, 1 (1987)
10. P.A. Horváthy, *Int. Mod. Phys.* **A3**, 665 (1988)
11. E. Doktorov, *Lett. Math. Phys.* **9**, 59 (1985)
12. A. Chakrabarti, *Phys. Rev.* **D35**, 696 (1987)
13. T. Kiss-Tóth, *Phys. Rev.* **D35**, 1855 (1987)
14. L. O’Raifeartaigh, *Dublin Inst. Pr.* **CPT-86-P-1879** (1987)
15. C. Roiesnel, *J. Math. Phys.* **31**, 1643 (1990)
16. Choonkyu Lee, *Phys. Lett.* **B449**, 223 (1999)
17. D.H. Correa, *Phys. Lett.* **B543**, 235 (2002)

[50] **Solution generating technique for selfdual monopoles**

1. A. Chakrabarti, *Meudon Seminar 1983-4*, 123 (1983)
2. H.J. Pohle, *Z. Phys.* **C25**, 147 (1984)
3. A. Chakrabarti, *Nucl. Phys.* **B248**, 209 (1984)
4. A. Hadicke, *Jena U. Pr.* **JENA-N/84/75** (1984)
5. H.J. Pohle, *Phys. Rev.* **D31**, 393 (1985)
6. A. Chakrabarti, *J. Math. Phys.* **27**, 340 (1986)
7. A. Chakrabarti, *Fort. Phys.* **35**, 1 (1987)
8. A. Chakrabarti, *Phys. Rev.* **D35**, 696 (1987)
9. N.M. Woodhouse, *Class. Quant. Grav.* **4**, 799 (1987)
10. R.S. Ward, *J. Math. Phys.* **29**, 386 (1988)
11. L.L. Chau, *Int. J. Mod. Phys.* **A4**, 2715 (1989)
12. R. Leese, *J. Math. Phys.* **30**, 2072 (1989)
13. C. Roiesnel, *J. Math. Phys.* **31**, 1643 (1990)
14. R.S. Ward, *Comm. Math. Phys.* **128**, 319 (1990)
15. I.A. Strachan, *Phys. Lett.* **A24**, 123 (1991)
16. J. Villaroel, *J. Phys.* **A24**, 3587 (1991)
17. I.A. Strachan, *J. Math. Phys.* **34**, 243 (1993)
18. P.A. Clarkson, *J. Math. Phys.* **35**, 255 (1994)
19. L.L. Chau, *J. Phys.* **A27**, 7131 (1994)
20. P.M. Sutcliffe, *Int. J. Mod. Phys.* **A12**, 4663 (1997)
21. Jean-Loup Gervais, *Dubna Memorial Volume in honor of Mikhail V. Savelev, e-Print Archive: hep-th/9910235* (1999)
22. Clifford V. Johnson, *Phys. Rev.* **D63**, 065004 (2001)
23. Clifford V. Johnson, *Boulder 1999, Strings, branes and gravity* 129-350 (2000)
24. Olaf Lechtenfeld, *JHEP* **0106**, 011 (2001)
25. Olaf Lechtenfeld, *JHEP* **0111**, 040 (2001)
26. Olaf Lechtenfeld, *Phys. Lett.* **B523**, 178 (2001)
27. Stig Bieling, *J. Phys.* **A35**, 6281 (2002)
28. Olaf Lechtenfeld, *Nucl. Phys.* **B637**, 119 (2002)
29. Martin Wolf, *JHEP* **0206**, 055 (2002)

30. Matthias Ihl, *e-Print Archive: hep-th/0211263* (2002)
31. A. Kling, *Fortsch. Phys.* **51**, 775 (2003)
32. Theodora Ioannidou, *e-Print Archive: hep-th/0305238* (2003)
- [51] ***SU(3) monopole of unit charge***
Z. Phys. **C22**, 261 (1984)
1. M.C. Bowman, *Phys. Lett.* **B133**, 244 (1983)
 2. G. Giacomelli, **DFUB-9-98, Apr 1998** (1998)
- [52] ***Topology and saddle point in field theories***
Phys. Lett. **B138**, 397 (1984)
1. F.R. Klinkhammer, *Phys. Rev.* **D30**, 2212 (1984)
 2. J. Burzlaff, *Nuovo Cim.* **A87**, 463 (1985)
 3. V.A. Kuzmin, *Phys. Lett.* **B155**, 36 (1985)
 4. J. Burzlaff, *Lect. at 14th Int. Symp. on Group Theor. Methods in Physics*, Seoul, Korea (1985)
 5. A. Mukherje, *Phys. Lett.* **B151**, 413 (1985)
 6. G. Eliam, *Phys. Rev. Lett.* **56**, 1331 (1986)
 7. H. Ito, *Phys. Lett.* **A113**, 179 (1986)
 8. D. O'Se, *J. Math. Phys.* **27**, 325 (1986)
 9. G. Eilam, *UCLA Workshop 1986*, 76 (1986)
 10. H. Minakata, *Tokyo Metrop. U. preprint* **TMUP-HEL-8604** (1986)
 11. G. Eliam, *Nucl. Phys.* **B294**, 775 (1987)
 12. P.A. Horváthy, *Nonpert. Methods in QFT* p.39, Ed. Z. Horváth, World Scientific Publ. Co., Singapore (1987)
 13. L. O'Raiheartaigh, preprint **CPT-86-P-1879** (1987)
 14. E.W. Kolb, *Mod. Phys. Lett.* **A2**, 285 (1987)
 15. E. Malec, *Acta Phys. Pol.* **B18**, 1017 (1987)
 16. J.M. Guilarte, *Lett. Math. Phys.* **14**, 169 (1987)
 17. A. Ringwald, *Heidelberg U. preprint* **HD-THEP-88-15**, Doctoral Thesis (1988)
 18. A. Wipf, *Ahrenschoop Symp. Proc. 1988*
 19. A. Ringwald, *Phys. Lett.* **B201**, 510 (1988)

20. B. Ratra, *Phys. Lett.* **B205**, 57 (1988)
21. M. Carena, *Phys. Lett.* **B211**, 117 (1988)
22. J.M. Guilarte, *Ann. Phys.* **188**, 307 (1988)
23. M. Carena, *DESY preprint DESY 89/084* Doctoral Thesis (1989)
24. M. Carena, *Phys. Lett.* **B217**, 135 (1989)
25. Y. Fujimoto, *Phys. Rev.* **D42**, 3461 (1990)
26. K. Funakubo, *Prog. Theor. Phys.* **83**, 286 (1990)
27. J.M. Guilarte, *J. Phys.* **A23**, 3141 (1990)
28. K. Sogo, *J. Phys. Japan* **59**, 9 (1990)
29. A.D. Dolgov, *Tokyo IUPAP Conf. Proc. 1990*, 173 (1990)
30. K. Isler, *Phys. Rev.* **D43**, 1366 (1991)
31. B. Kastening, *Phys. Lett.* **B266**, 413 (1991)
32. A.D. Dolgov, *Phys. Reports* **222**, 309 (1992)
33. A.E. Nelson, *Nucl. Phys.* **B380**, 543 (1992)
34. G.M. O'Brien, *Phys. Lett.* **B282**, 111 (1992)
35. D.H. Tchrakian, *Mod. Phys. Lett.* **A7**, 3601 (1992)
36. E.J. Weinberg, *Ann. Rev. of Nucl. and Partic. Sci.* **42**, 177 (1992)
37. A.V. Shurgaia, *Ann. Phys.* **228**, 146 (1993)
38. A.G. Cohen, *Ann. Rev. of Nucl. and Partic. Sci.* **43**, 27 (1993)
39. P. Bizon, *Acta Phys. Polon.* **B25**, 877 (1994)
40. M. James, *Phys. Lett.* **B334**, 121 (1994)
41. C.P. Bachas, *Warsaw 1994, Proceedings, Physics from Planck scale to electroweak scale*, 64 (1995) 4 p.
42. T.N. Tomaras, *Fundamental Interactions 1995*, 13 (1995)
43. M. Axenides, *J. Math. Phys.* **36**, 5284 (1995)
44. A.V. Shurgaia, *Z. Phys.* **C69**, 537 (1996)
45. V.A. Rubakov, *Usp. Fiz. Nauk.* **166**, 493 (1996)
46. K. Funakubo, *Prog. Theor. Phys.* **96**, 475 (1996)
47. M.S. Volkov, *Phys. Rev.* **D54**, 5014 (1996)
48. M.S. Volkov, *Geometry and Integrable Models*, Eds. P.N. Pyatov & S.N. Solodukhin, World Scientific, 55 (1996)
49. F. Zimmerschied, *Fortsch. Phys.* **46**, 147 (1998)

50. Mikhail S. Volkov, *Phys. Rept.* **319**, 1 (1999)
51. D. Comelli, *Phys. Lett.* **B458**, 304 (1999)
52. B. Kleihaus, *Phys. Rev.* **D60**, 125015 (1999)
53. D.K. Park, *J. Phys.* **G26**, 1515 (2000)
54. Nadav Drukker, *Phys. Rev.* **D62**, 086007 (2000)
- [53] **The Riemann-Hilbert problem and finite action CP^{N-1} model solutions**
Nucl. Phys. **B233**, 268 (1984)
1. A.M. Din, *Nucl. Phys.* **B237**, 461 (1984)
 2. W.J. Zakrzewski, *J. Geom. Phys.* **1**, 39 (1984)
 3. R.S. Ward, *Phys. Lett.* **B158**, 424 (1985)
 4. R.S. Ward, *Phi. T. Roy.* **A315**, 451 (1985)
 5. G. Arsenault, *Lett. Math. Phys.* **15**, 65 (1988)
 6. B. Piette, *Z. Phys.* **C39**, 359 (1988)
 7. G. Arsenault, *J. Math. Phys.* **29**, 1465 (1989)
 8. G.V. Dunne, *Phys. Rev.* **D43**, 1332 (1991)
 9. S. Chakravarti, *J. Math. Phys.* **33**, 382 (1992)
- [54] **Classical solutions of CP^{N-1} models in 2 + 1 dimensions**
Nucl. Phys. **B248**, 187 (1984)
1. R.S. Ward, *Phys. Lett.* **B158**, 424 (1985)
 2. A. Din, *Nucl. Phys.* **B259**, 667 (1985)
 3. W.J. Zakrzewski, *Karpacz Winter School Proc.*, 581 (1986)
 4. I. Stokoe, *Z. Phys.* **C34**, 491 (1987)
 5. T. Kiss-Toth, *Int. J. Mod. Phys.* **A7**, 257 (1989)
 6. H.J.W. Muller-Kirsten, *J. Phys.* **A7** L363 (1990)
 7. D. Giano, *Nucl. Phys.* **B537**, 586 (1999)
- [55] **Stable compactifying Einstein-Yang-Mills systems**
Phys. Lett. **B147**, 311 (1984)
1. I.G. Koh, *Phys. Lett.* **B153**, 45 (1985)

2. I.G. Koh, *Phys. Rev.* **D32**, 3195 (1985)
3. D. Lüst, *Phys. Lett.* **B165**, 309 (1985)
4. J. Govaerts, *Texas U. preprint* **UTTG-04-85** (1985)
5. D. Lüst, *Corfu School Proc.* 549 (1985)
6. M.J. Duff, *IV. Marcel Grossmann meeting* Cern-TH4296/85 preprint (1985)
7. M. Surridge, *Z. Phys.* **C37**, 77 (1987)
8. K.J. Barnes, *Z. Phys.* **C33**, 427 (1987)
9. K. Farakos, *Nucl. Phys.* **B291**, 128 (1987)
10. K. Farakos, *Phys. Lett.* **B191**, 135 (1987)
11. L. O’Raifeartaigh, preprint **CPT-86-P-1879** (1987)
12. K. Farakos, *Phys. Lett.* **B211**, 322 (1988)
13. P.A. Horváthy, *Int. J. Mod. Phys.* **A3**, 665 (1988)
14. G. Zoupanos, *Phys. Lett.* **B201**, 301 (1988)
15. Y.A. Kubyshin, *Phys. Lett.* **B203**, 349 (1988)
16. J.M. Mourão, *Dubna preprint* E2-88-155 (1988)
17. N.A. Batakis, *Phys. Lett.* **B220**, 513 (1989)
18. D. Kapetanakis, *Phys. Lett.* **B232**, 104 (1989)
19. Yu.A. Kubyshin, *Nucl. Phys.* **B322**, 531 (1989)
20. D. Kapetanakis, *3rd Hellenic School Proc.* 578 (1989)
21. D. Kapetanakis, *Acta Phys. Polon.* **B21**, 391 (1990)
22. Yu.A. Kubyshin, *J. Math. Phys.* **32**, 2200 (1991)
23. O. Bertolami, *Phys. Rev.* **D45**, 3405 (1992)
24. G. Zoupanos, *13th Int. Autumn School Lisbon* **MPI-PH-92-13** (1992)
25. D. Kapetanakis, *Phys. Reports* **219** 1 (1992)
26. Yu.A. Kubyshin, *Barcelona U. preprint* **UB-ECM-PF-93-11** (1993)
27. P. Manousselis, *Phys. Lett.* **B518**, 171 (2001)
28. P. Manousselis, *JHEP* **0203**, 002 (2002)
29. P. Manousselis, *Karpacz 2001, Supersymmetries and quantum symmetries* 263 (2002)

[56] **Spontaneous compactification to nonsymmetric spaces**

Z. Phys. **C30**, 261 (1986)

1. M. Surridge, *Z. Phys.* **C37**, 77 (1987)
2. F. Mueller-Hoissen, *Class. Quant. Grav.* **5**, 27 (1987)
3. F. Mueller-Hoissen, *Class. Quant. Grav.* **L4**, L143 (1987)
4. P. Bántay, *Mod. Phys. Lett.* **A2**, 57 (1987)
5. K.J. Barnes, *Z. Phys.* **C33**, 427 (1987)
6. K. Farakos, *Nucl. Phys.* **B291**, 128 (1987)
7. K. Farakos, *Phys. Lett.* **B191**, 135 (1987)
8. G. Zoupanos, *Phys. Lett.* **B201**, 301 (1988)
9. Y.A. Kubyshin, *Phys. Lett.* **B203**, 349 (1988)
10. S.D. Rindani, *Kanpur 1987 Proc.* 479 (1988)
11. K. Farakos, *Phys. Lett.* **B211**, 322 (1988)
12. F. Mueller-Hoissen, *Class. Quant. Grav.* **5**, 27 (1988)
13. J.M. Mourão, *Dubna preprint E2-88-155* (1988)
14. N.A. Batakis, *Phys. Lett.* **B220**, 513 (1989)
15. Yu.A. Kubyshin, *Nucl. Phys.* **B322**, 531 (1989)
16. D. Kapetanakis, *Phys. Lett.* **B232**, 104 (1989)
17. D. Kapetanakis, *3rd Hellenic School Proc.* 578 (1989)
18. T.A. Ivanova, *Izv. Vuz. Fiz.* **32**, 27 (1989)
19. D. Kapetanakis, *Acta Phys. Polon.* **B21**, 391 (1990)
20. D. Kapetanakis, *Phys. Lett.* **B249**, 66 (1990)
21. D. Kapetanakis, *Phys. Lett.* **B249**, 73 (1990)
22. G. Zoupanos, *Warsaw Symp. Proc.* 446 (1991)
23. G. Zoupanos, *13th Int. Autumn School Lisbon MPI-PH-92-13* (1992)
24. D. Kapetanakis, *Phys. Reports* **219** 1 (1992)
25. D. Kapetanakis, *Z. Phys.* **C56**, 91 (1993)
26. D. Kapetanakis, *Iberian Meeting on Gravity MPI-PH-93-03* (1993)
27. Jisuke Kubo, *Nucl. Phys.* **B574**, 495 (2000)
28. George Triantaphyllou, *Phys. Lett.* **B489**, 420 (2000)
29. P. Manousselis, *Phys. Lett.* **B504**, 122 (2001)
30. P. Manousselis, *Phys. Lett.* **B518**, 171 (2001)
31. P. Manousselis, *JHEP* **0203**, 002 (2002)

32. P. Manousselis, *Karpacz 2001, Supersymmetries and quantum symmetries* 263 (2002)

[57] **On a problem of spontaneous compactification**

Acta Phys. Hung. **62**, 177 (1987)

1. D. Kapetanakis, *Phys. Lett.* **B232**, 104 (1989)
2. D. Kapetanakis, *Acta Phys. Polon.* **B21**, 391 (1990)
3. D. Kapetanakis, *Phys. Lett.* **B249**, 66 (1990)
4. D. Kapetanakis, *Phys. Lett.* **B249**, 73 (1990)
5. D. Kapetanakis, *Phys. Reports* **219** 1 (1992)
6. D. Kapetanakis, *Z. Phys.* **C56**, 91 (1993)
7. R. Hanlon, *Phys. Lett.* **B298**, 312 (1993)
8. R. Hanlon, *Phys. Rev.* **D48**, 2204 (1993)

[59] **Lattice classification of the four-dimensional heterotic strings**

Phys. Lett. **B197**, 395 (1987)

1. K. Farakos, *Nucl. Phys.* **B291**, 128 (1987)
2. A.N. Schellekens, *Romanian School Proc.* 367 (1987)
3. A.N. Schellekens, in *Perspectives in String Theory* p.218, Ed. P. Di Vecchia, World Scientific Publ. Co., Singapore (1988)
4. D. Lüst, *Nucl. Phys.* **B302**, 499 (1988)
5. D. Lüst, *Nucl. Phys.* **B296**, 800 (1988)
6. D. Lüst, *Acta Phys. Pol.* **B19**, 451 (1988)
7. A.N. Schellekens, *Nucl. Phys.* **B308**, 397 (1988)
8. M.P. Tuite, *Nucl. Phys.* **B319**, 387 (1989)
9. W. Lerche, *Phys. Report* **177**, 1 (1989)
10. A.D. Popov, *A.D. Sov. J. Nucl. Res.* **52**, 735 (1990)

[60] **Higher level Kac-Moody representations and rank reduction in string models**

Nucl. Phys. **B308**, 477 (1988)

1. A.N. Schellekens, *Phys. Lett.* **B226**, 285 (1989)
2. A.N. Schellekens, *Nucl. Phys.* **B327**, 673 (1989)

3. J. Fuchs, *Nucl. Phys.* **B328**, 585 (1989)
4. A. Font, *Nucl. Phys.* **B345**, 389 (1990)
5. J. Fuchs, *Nucl. Phys.* **B346**, 632 (1990)
6. D.C. Lewellen, *Nucl. Phys.* **B337**, 61 (1990)
7. A.N. Schellekens, *Nucl. Phys.* **B334**, 67 (1990)
8. D. Versteegen, *Nucl. Phys.* **B346**, 349 (1990)
9. A.N. Schellekens, *Int. J. Mod. Phys.* **A5**, 2903 (1990)
10. J. Fuchs, *Comm. Math. Phys.* **136**, 345 (1991)
11. J. Fuchs, *CERN preprint CERN-TH-6156-91* (1991)
12. L. Begin, *J. Phys.* **A25**, 135 (1992)
13. J. Fuchs, *Comm. Math. Phys.* **146**, 553 (1992)
14. A.N. Schellekens, *Comm. Math. Phys.* **153**, 159 (1993)
15. A.N. Kirillov, *Nucl. Phys.* **B391**, 651 (1993)
16. A.N. Schellekens, *Theor. Math.* **95**, 632 (1993)
17. S. Chaudhuri, *Phys. Rev.* **D52**, 7168 (1995)
18. O. Bergman, *Nucl. Phys.* **B499**, 183 (1997)
19. J. Fuchs *DESY Pr.* **DESY-97-022** (1997)
20. S.J. Gates Jr., *Phys. Lett.* **B405**, 71 (1997)
21. P. Bantay, *Nucl. Phys.* **B633**, 365 (1999)
22. George Triantaphyllou, *Phys. Lett.* **B489**, 420 (2000)

[62] **Monopoles and instantons from Berry's phase**

J. Math. Phys. **30**, 1727 (1989)

1. J.N. Zwanziger, *Ann. R. Ph. CH* **41**, 601 (1990)
2. P. Lévai, *J. Math. Phys.* **32**, 2347 (1991)
3. R. Bhandari, *Phys. Lett.* **A171**, 262 (1992)
4. P. Lévy, *Phys. Rev.* **A45**, 1339 (1992)
5. P. Lévy, *J. Phys.* **A27**, 2857 (1994)
6. J. Samuel, *Phys. Rev. Lett.*, 717 (1996)
7. A. Mostafazadeh, *J. Math. Phys.* **37**, 1218 (1996)
8. J. Herrin, *Rev. Math. Phys.* **9**, 467 (1997)

9. M.V. Pletyul'khov, *Dokl. Akad. Nauk. Belar.* **42**, 50 (1998)
10. M.V. Pletyul'khov, *J. Phys.* **A32**, 1073 (1999)

[63] **BRS cohomology and 2d gravity**

Int. J. Mod. Phys. **A4**, 5261 (1989)

1. T. Kuramoto, *Phys. Lett.* **B233**, 363 (1989)
2. M.P. Douglas, *Nucl. Phys.* **B335**, 635 (1990)
3. F. Schlunze, *Class. Quant. Grav.* **7**, 1419 (1990)
4. Y. Matsuo, *Nucl. Phys.* **B342**, 643 (1990)
5. T. Kuramoto, *Nucl. Phys.* **B346**, 527 (1990)
6. E.B. Kiritsis, *Mod. Phys. Lett.* **A5**, 2051 (1990)
7. S.K. Wang, *Comm. Theor. Phys.* **14**, 99 (1990)
8. C. Bachas, *Phys. Lett.* **B247**, 265 (1990)
9. H.Y. Guo, preprint **AS-ITP-90-06** (1990)
10. H.Y. Guo, *Comm. Theor. Phys.* **14**, 99 (1990)
11. K. Itoh, *Nucl. Phys.* **B342**, 449 (1990)
12. S.D. Odintsov, *Phys. Lett.* **B237**, 63 (1990)
13. W.S. l'Yi, *Mod. Phys. Lett.* **A6**, 1679 (1991)
14. A.T. Ceresole, *Phys. Lett.* **B265**, 72 (1991)
15. K. Itoh, *Texas U. preprint CTP-TAMU-42-91* (1991)
16. H. Suzuki, *Mod. Phys. Lett.* **A6**, 1305 (1991)
17. Y. Tanii, *Int. J. Mod. Phys.* **A6**, 4639 (1991)
18. K. Itoh, *Int. J. Mod. Phys.* **A6**, 1233 (1991)
19. A. Mikovic, *Queen Mary Coll. preprint QMW-PH-91-22* (1991)
20. B.H. Lian, *Comm. Math. Phys.* **135**, 547 (1991)
21. B.H. Lian, *Comm. Math. Phys.* **145**, 561 (1992)
22. A. Mikovic, *Phys. Lett.* **B291**, 19 (1992)
23. P. Bouwknegt, *Comm. Math. Phys.* **145**, 541 (1992)
24. S. Aoyama, *Int. J. Mod. Phys.* **A7**, 5761 (1992)
25. J. Navanos, *Nucl. Phys.* **B403**, 291 (1993)
26. J. de Boer, *Nucl. Phys.* **B405**, 669 (1993)

27. T. Fujiwara, *Mod. Phys. Lett.* **A8**, 2147 (1993)
 28. T. Fujiwara, *Phys. Rev.* **D48**, 1736 (1993)
 29. S. Panda, *Phys. Lett.* **b317**, 533 (1993)
 30. N. Marcus, *Nucl. Phys.* **B392**, 281 (1993)
 31. J. Goeree, *Utrecht U. preprint* **RX-1451 (UTRECHT)** Doctoral Thesis (1993)
 32. J. de Boer, *Utrecht U. preprint* **RX-1452 (UTRECHT)** Doctoral Thesis (1993)
 33. S. Panda, *Trieste HEP Cosmol.1993*, 420 (1993)
 34. A. Mikovic, *Int. J. Mod. Phys.* **A9**, 4195 (1994)
 35. A.M. Semikhatov, *Wendisch-Rietz 1994, Proceedings, Theory of elementary particles*, 156-167 (1994)
 36. A.M. Semikhatov, *JETP Letter*, **60**, 569 (1994)
 37. M. Kato, *Tokyo U., Komaba Pr.* **UT-KOMABA-95-12** (1995)
 38. T. Fujiwara, *Phys. Rev.* **D53**, 852 (1996)
 39. T. Fujiwara, *Annals Phys.* **254**, 233 (1997)
 40. A. Smailagic, *Int. J. Mod. Phys.* **A12**, 3695 (1997)
- [64] **Twisted strings and higher level Kac-Moody representations**
Phys. Lett. **B229**, 368 (1989)
1. P. Bouwknecht, *Phys. Lett.* **B238**, 224 (1990)
 2. S. Chaudhury, *Nucl. Phys.* **B456**, 89 (1995)
- [65] **Lattice classification of 8-dimensional chiral heterotic strings**
Nucl. Phys. **B334**, 431 (1989)
1. D. Lüst, *Acta Phys. Pol.* **19**, 451 (1988)
 2. W. Lerche, *Phys. Report* **177**, 1 (1989)
- [66] **Induced two-dimensional supergravity as a theory of free fields**
Phys. Lett. **B234**, 561 (1989)
1. S.R. Das, *Phys. Lett.* **B234**, 35 (1990)
 2. K. Itoh, *Int. J. Mod. Phys.* **A6**, 1233 (1991)
 3. B.H. Lian, *Comm. Math. Phys.* **145**, 561 (1992)

- [68] **A new family of $SU(2)$ symmetric integrable sigma models**
Phys. Lett. **B324**, 403 (1994)
1. C.K. Zachos, *PASCOS 1994*, 381 (1994)
 2. T. Curtright, *Phys. Rev.* **D52**, 573 (1995)
 3. J.M. Evans, *Nucl. Phys.* **B438**, 469 (1995)
 4. N. Mohammedi, *Phys. Lett.* **B383**, 317 (1996)
 5. T. Curtright, *Nucl. Phys.* **B469**, 488 (1996)
 6. K. Sfetsos, *Nucl. Phys.* **B561**, 316 (1999)
 7. J. Balog, *Phys. Lett.* **B484**, 367 (2000)
 8. P. Forgacs, *24th Johns Hopkins Workshop on Nonperturbative QFT Methods and Their Applications, Budapest, Hungary, 19-21 Aug 2000*
 9. N. Mohammedi, *Phys. Lett.* **B551**, 202 (2003)
- [69] **Vanishing of the conformal anomaly in a gravitational wave**
Phys. Lett. **B313**, 10 (1993)
1. C. Klimcik, *Phys. Lett.* **B323**, 305 (1994)
 2. K. Sfetsos, *Nucl. Phys.* **B427**, 245 (1994)
 3. K. Sfetsos, *Phys. Rev.* **D50**, 2784 (1994)
 4. N. Mohammedi, *Phys. Lett.* **B331**, 93 (1994)
 5. R. Kallosh, *Dobrushin, R.L. (ed.) et al.: Topics in statistical and theoretical physics*, 105 (1994)
 6. A.A. Tseytlin, *2nd Journee Cosmologique, Paris*, 371 (1994)
 7. G.T. Horowitz, *Phys. Rev.* **D51**, 2896 (1995)
 8. J.G. Russo, *Nucl. Phys.* **B448**, 293 (1995)
 9. A.A. Tseytlin, *Class. Quant. Grav.* **12**, 2365 (1995)
 10. S. Kar, *Phys. Lett.* **B375**, 121 (1996)
 11. A. Kumar, *Phys. Rev.* **D54**, 3976 (1996)
 12. G. Sengupta, *Phys. Rev.* **D55**, 3793 (1997)
 13. J. E. Lidsey, *Phys. Lett.* **B417**, 33 (1998)
 14. Konstadinos Sfetsos, *Phys. Lett.* **B543**, 73 (2002)
 15. Konstadinos Sfetsos, *e-Print Archive: hep-th/0305109* (2003)
 16. L. Dolan, *Phys. Lett.* **B551**, 369 (2003)

- [70] **Strings in plane-fronted gravitational waves**
Mod. Phys. Lett. **A8**, 3749 (1993)
1. N. Mohammadi, *Phys. Lett.* **B331**, 93 (1994)
 2. M. Hassaine, *J. Geom. Phys.* **34**, 242 (2000)
- [71] **The Nappi-Witten example and gravitational waves**
hep – th/9404018 (1994)
1. N. Mohammadi, *Phys. Lett.* **B331**, 93 (1994)
 2. G. Dvali, *Phys. Lett.* **B339**, 241 (1994)
 3. E. Kiritsis, *Journee Cosmologique 1994*, 500 (1994)
 4. E. Kiritsis, *Nucl. Phys. Proc. Suppl.* **41**, 311 (1995)
- [72] **Free field representation for the $O(3)$ nonlinear sigma model and bootstrap fusion**
Phys. Rev. **D51**, 2922 (1995)
1. C. Acerbi, *Int. J. Mod. Phys.* **A11**, 5327 (1996)
- [73] **The Nappi-Witten string in the light-cone gauge**
Acta Physica Hun. New Series Heavy Ion Phys. **1**, 65 (1995)
1. A.A. Tseytlin, *Nucl. Phys.* **B450**, 231 (1995)
 2. A.A. Tseytlin, *Los Angeles 1995, Future perspectives in string theory*, 466 (1995)
 3. R.R. Metsaev, *J. Math. Phys.*, **38**, 648 (1997)
 4. R.R. Metsaev, *Nucl. Phys.* **B625**, 70 (2002)
 5. R.R. Metsaev, *Phys. Rev.* **D65**, 126004 (2002)
 6. J.G. Russo, *JHEP* **0204**, 021 (2002)
 7. E. Kiritsis, *JHEP* **0208**, 048 (2002)
 8. Ioannis Bakas, *Nucl. Phys.* **B639**, 223 (2002)
 9. Yasuaki Hikida, *JHEP* **0206** 037 (2002)
 10. Veronika E. Hubeny, *JHEP* **0210**, 020 (2002)
 11. Dominic Brecher, *JHEP* **0210**, 008 (2002)
 12. Konstadinos Sfetsos, *Phys. Lett.* **B543**, 73 (2002)

13. Yasuaki Hikida, *JHEP* **0210**, 067 (2002)
 14. Louise Dolan, *Phys. Lett.* **B551**, 369 (2003)
 15. G. Papadopoulos, *Class. Quant. Grav.* **20**, 969 (2003)
 16. Matthias Blau, *Nucl. Phys.* **B654**, 135 (2003)
 17. Yasuaki Hikida, **PhD Thesis**, *e-Print Archive: hep-th/0303222* (2003)
 18. Matthias Blau, *e-Print Archive: hep-th/0304198* (2003)
 19. P. Matlock, *e-Print Archive: hep-th/0305028* (2003)
 20. Giuseppe D'Appollonio, *e-Print Archive: hep-th/0305081* (2003)
 21. Konstadinos Sfetsos, *e-Print Archive: hep-th/0305109* (2003)
- [74] P.Forgács, Z. Horváth, P.A. Horváthy: "Bogomolny type equations for gravitating gauged sigma models" *Phys. Lett.* **B340**, 231 (1994)
1. M.S. Volkov, *Phys. Rept.* **319**, 1 (1999)
 2. H.W. Braden, V. Varela, *Phys. Rev.* **D58**, 124020 (1998)
- [75] **Form-factors of the sausage model obtained with bootstrap fusion from Sine-Gordon theory**
Phys. Rev. **D53**, 3272 (1996)
1. C. Acerbi, *Int. J. Mod. Phys.* **A11**, 5327 (1996)
 2. M.R. Douglas, *Rutgers U. Pr.* **RU-97-54** (1997)
- [76] **Perturbative quantum (in)equivalence of dual σ models in 2 dimensions**
Nucl. Phys. B (Proc. Suppl.) **49**, 16 (1996)
1. P.E. Haagensen, *Phys. Lett.* **B382**, 356 (1996)
 2. J. Borlaf, *Nucl. Phys.* **B480**, 239 (1996)
 3. A. Jevicki, *Brown U. Pr.* **BROWN-HET-1054-TA-541** (1996)
 4. Y. Lozano, *Mod. Phys. Lett.* **A11**, 2893 (1996)
 4. Y. Lozano, *Mod. Phys. Lett.* **A11**, 2893 (1996)
 5. E. Alvarez, *Phys. Lett.* **B400**, 97 (1997)
 6. H. Dorn, *Nucl. Phys. Proc. Suppl.* **B56**, 30 (1997)
 7. L.K. Balazs, *Phys. Rev.* **D57**, 3585 (1998)
 8. P.E. Haagensen, *Nucl. Phys.* **B504**, 326 (1997)

9. N. Kaloper, *Phys. Rev.* **D56**, 7940 (1997)
10. F. Quevedo, *Nucl. Phys. Proc. Suppl.* **61A**, 23 (1998)
11. P.E. Haagensen, *Zakopane 1997, New developments in quantum field theory*, 65 (1997)
12. K. Sfetsos, *Nucl. Phys.* **B517**, 549 (1998)
13. K. Sfetsos, *Phys. Lett.* **B432**, 365 (1998)
14. J. Balog, *Nucl. Phys.* **B535**, 461 (1998)
15. K. Olsen, *Ph.D. Thesis (Advisor: Poul Henrik Damgaard, Bohr Inst.)* (1999)
16. S. Parsons, *Phys. Rev.* **D61**, 086002 (2000)
17. J. Balog, *Phys. Lett.* **B484**, 367 (2000)
18. A. Bossard, *Nucl. Phys.* **B595**, 93 (2001)
19. G. Bonneau, *Nucl. Phys.* **B607**, 293 (2001)
20. A. Bossard, *Nucl. Phys.* **B619**, 128 (2001)
21. P. Forgacs, *Proceedings of 24th Johns Hopkins Workshop on Nonperturbative QFT Methods and Their Applications, Budapest, Hungary* (2001)
22. Pierre-Yves Casteill, *Phys. Lett.* **B543**, 241 (2002)

[77] **Quantum corrections of Abelian duality transformations**

Phys. Lett. **B388**, 121 (1996)

1. J. Borlaf, *Nucl. Phys.* **B480**, 239 (1996)
2. Y. Lozano, *Mod. Phys. Lett.* **A11**, 2893 (1996)
3. E. Alvarez, *Phys. Lett.* **B400**, 97 (1997)
4. H. Dorn, *Nucl. Phys. Proc. Suppl.* **B56**, 30 (1997)
5. L.K. Balazs, *Phys. Rev.* **D57**, 3585 (1998)
6. P.E. Haagensen, *Nucl. Phys.* **B504**, 326 (1997)
7. F. Quevedo, *Nucl. Phys. Proc. Suppl.* **61A**, 23 (1998)
8. P.E. Haagensen, *Zakopane 1997, New developments in quantum field theory*, 65 (1997)
9. K. Sfetsos, *Nucl. Phys.* **B517**, 549 (1998)
10. S. Penati, *Nucl. Phys.* **B514**, 460 (1998)
11. H. Dorn, *Fortsch. Phys.* **47**, 151 (1999)
12. S. Penati, *Fortsch. Phys.* **47**, 263 (1999)
13. K. Sfetsos, *Phys. Lett.* **B432**, 365 (1998)
14. H. Dorn, *JHEP* **9804**, 013 (1998)

15. J. Balog, *Nucl. Phys.* **B535**, 461 (1998)
16. K. Sfetsos, *Nucl. Phys.* **B561**, 316 (1999)
17. K. Olsen, *Ph.D. Thesis (Advisor: Poul Henrik Damgaard, Bohr Inst.)* (1999)
18. S. Parsons, *Phys. Rev.* **D61**, 086002 (2000)
19. F. Assaoui, *Class. Quant. Grav.* **18**, 277 (2001)
20. A. Bossard, *Nucl. Phys.* **B595**, 93 (2001)
21. A. Bossard, *Nucl. Phys.* **B619**, 128 (2001)
22. G. Bonneau, *Nucl. Phys.* **B607**, 293 (2001)
23. M. Niedermaier, *JHEP* **12**, 066 (2002)

[79] **On quantum equivalence of dual sigma models: $SL(3)$ examples**
Nucl. Phys. **B490**, 435 (1997)

1. E. Alvarez, *Phys. Lett.* **B400**, 97 (1997)
2. L.K. Balázs, *Phys. Rev.* **D57**, 3585 (1998)
3. S. Parsons, *Phys. Rev.* **D61**, 086002 (2000)
4. P.Y. Casteill, *Nucl. Phys.* **B591**, 491 (2000)

[81] **A two loop test of Buser's T duality**
Phys. Rev. **D62**, 045005 (2000)

1. J. Balog, *Phys. Lett.* **B484**, 367 (2000)
2. P.Y. Casteill, *Nucl. Phys.* **B591**, 491 (2000)

[82] **Exotic plasma as classical Hall liquid**
Int. J. Mod. Phys. **B15**, 3397 (2001)

1. C. Duval *J. Phys.* **A34**, 10097 (2001)
2. D.H. Correa, *JHEP* **0111** 034 (2001)
3. C. Duval, *Int. J. Mod. Phys.* **B16**, 1971 (2002)
4. P.A. Horvathy, *Annals Phys.* **299**, 128 (2002)
5. P.A. Horvathy, *Phys. Lett.* **B564**, 149 (2003)
6. P.A. Horvathy, *e-Print Archive: hep-th/0307175* (2003)

[83] **Noncommutative instantons via dressing and splitting approaches**

J. High Energy Phys. **JHEP 12**, 060 (2002)

1. Masashi Hamanaka, *e-Print Archive: hep-th/0211148* (2002)
2. Matthias Ihl, *e-Print Archive: hep-th/0211263* (2002)
3. Yoshiki Hiraoka, *Phys. Rev.* **D67**, 105025 (2003)
4. Masashi Hamanaka, *e-Print Archive: hep-th/0301213* (2003)
5. Masashi Hamanaka, **PhD Thesis**. *e-Print Archive: hep-th/0303256* (2003)
6. Tatiana A. Ivanova, *e-Print Archive: hep-th/0305195* (2003)
7. Olaf Lechtenfeld, *e-Print Archive: hep-th/0306263* (2003)