

DESY-BERICHTE 1974

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| DESY 74/1 | <u>New Form of Vector Meson Dominances and the Dependence on the Vector Meson Mass Squared.</u>
C. ISO, S. IWAI, H. KANASUGI and Y. MIYATA
<i>DESY and Depart. of Physics, Tokyo Inst. of Technology, Meguro-ku, Tokyo, 152-Japan and Dept. of Physics, Tokyo Univ. of Education, Bunkyo-ku, Tokyo, 112-Japan.</i> (Jan., 23 p.) | DESY 74/15 | <u>The Invariance of the S-Matrix under Point Transformations in Renormalized Perturbation Theory.</u>
R. FLUME, II. Inst. f. Theoretische Physik, Univ. Hamburg (Apr., 7 p.) |
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M. DANIEL, II. Inst. f. Theoretische Physik der Univ. Hamburg, R. R. HORGAN, DESY. (Jan., 44 p.) | DESY 74/16 | <u>Time-Reversal-Invariance-Like Relations for Spin-Effects in Elastic and Inelastic Reactions; Vector-Meson Photoproduction versus Compton Scattering from Nucleons</u>
G. V. DASS, DESY and Rutherford Lab., Chilton, Didcot, Oxon, England, H. FRAAS, Physikalisches Inst. d. Universität, Würzburg, Germany. (Apr., 46 p.) |
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E. WEIMAR, I. Mathematisches Inst., Freie Univ. Berlin. (Jan., 25 p.) | DESY 74/17 | <u>A Coupled Channel Analysis of the Reactions $YY \rightarrow \pi\pi$ and $YY \rightarrow KK$.</u>
K. SUNDERMEYER, II. Inst. f. Theoretische Physik der Universität Hamburg (Apr., 30 p.) |
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H.-J. THUN, DESY. (Feb., 68 p.) | DESY 74/18 | <u>Quasi-Elastic Electron Scattering ($e, e' p$) and ($e, e' d$) from ${}^6\text{Li}$ in a Coincidence Experiment.</u>
F. H. HEIMLICH and E. RÖSSELE, Fakultät f. Physik der Univ. Freiburg/Breisgau, M. KÖBBERLING, J. MORITZ, K.H. SCHMIDT, D. WEGENER, D. ZELLER, Inst. f. Experimentelle Kernphysik der Univ. (TH) und des Kernforschungszentrums Karlsruhe, J.K. BIENLEIN, J. BLECKWENN, H. DINTER, DESY. (May, 30 p.) |
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R.C.E. DEVENISH, DESY, C.D. FROGGATT, Nordita, Copenhagen, B. R. MARTIN, Depart. of Physics and Astronomy, Univ. College London. (May, 39 p.) |
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N. S. CRAIGIE and G. KRAMER, II. Inst. f. Theoretische Physik der Universität Hamburg. (Feb., 36 p.) | DESY 74/20 | <u>High Energy Electron Scattering from ${}^6\text{Li}$ and ${}^{12}\text{C}$.</u>
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M. BÖHM, European Organisation for Nuclear Research, CERN, Geneva, H. JOOS and M. KR. M. KRAMMER, DESY. (Mar., 9 p.) | DESY 74/21 | <u>Definitions and Selected Applications of Feynman-Type Integrals.</u>
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DASP Collaboration.
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