

# Appendix A

# CERN Publications

## CERN REPORTS

### CERN 77-01

A.P. Jeavons, N.L. Ford, B. Lindberg, R. Sachot  
A new position-sensitive detector for thermal and epithermal neutrons.

### CERN 77-02

P.J. Horne  
An INTEL 8080 microprocessor development system.

### CERN 77-03

M. Van de Voorde  
Low-temperature irradiation effects on materials and components for superconducting magnets for high-energy physics applications.

### CERN 77-04

J.L. Petersen  
The  $\pi\pi$  interaction.

### CERN 77-05

A.H. Pietersen  
A new warning system for fires of electrical origin.

### CERN 77-06

C. Kourkoumelis  
A study of the J/ $\psi$  production in proton-proton collisions at the CERN ISR, using liquid argon calorimeters and lithium/xenon transition radiation detectors.

### CERN 77-07

E.J.N. Wilson  
Proton synchrotron accelerator theory.  
Lectures given in the Academic Training Programme of CERN 1975-1976.

### CERN 77-08

CERN, Genève  
Studies of electron cooling of heavy particle beams made by the VAPP-NAP group at the Nuclear Physics Institute of the Siberian branch of the USSR Academy of Science at Novosibirsk;  
pt A: review of theoretical and experimental studies;  
pt B: the electron beam device for heavy particle cooling experiments;  
pt C: bibliography.

### CERN 77-09

F. Sauli  
Principles of operation of multiwire proportional and drift chambers.  
Lectures given in the Academic Training Programme of CERN 1975-1976.

### CERN 77-10

G. Guignard  
Selection of formulae concerning proton storage rings.

### CERN 77-11

P. Duteil, R. Hammarström, P.G. Innocenti, A. Michelini,  
B. Smith, F. Soso  
Future photomultiplier assemblies and associated electronics in large experiments.

### CERN 77-12

H.C. Appelo, S. Van der Meer  
The SPS auxiliary magnet power supplies.

### CERN 77-13

M.H. Blewett  
Theoretical aspects of the behaviour of beams in accelerators and storage rings.  
Proceedings of the First course of the International school of particle accelerators of the 'Ettore Majorana' Centre for Scientific Culture, Erice, 10-22 November 1976.

### CERN 77-14

J.R.J. Bennett, R. Billinge, M.H. Blewett, P. Bramham,  
A. Carne, D.A. Gray, M.R. Harold, H.F. Hoffmann, A. Hutton,  
K. Johnsen, E. Jones, E. Keil, S. Klempner, J.R.M. Maidment,  
G.H. Rees, B. Richter, F. Sacherer, W. Schnell, T. Suzuki,  
A. Verdier, A. Wheldon, E.J.B. Wilson  
Design concept for a 100 GeV e<sup>+</sup>e<sup>-</sup> storage ring (LEP).

### CERN 77-15

K. Hübner  
ISR performance for pedestrians.  
Lectures given in the Academic Training Programme of CERN 1974-1975.

### CERN 77-16

Y. Declais, J. Duchon, M. Louvel, J.P. Patry, J. Seguinot,  
P. Baillon, C. Bricman, M. Ferro-Luzzi, J.M. Perreau, T. Ypsilantis  
 $K^-n$  and  $K^-p$  elastic scattering in  $K^-d$  collisions from 1.2 to 2.2 GeV/c.

### CERN 77-17

J.D. Jackson  
The nature of intrinsic magnetic dipole moments.

### CERN 77-18

CERN, Genève  
Proceedings of the 1977 CERN-JINR school of physics, Naplion, Greece, 22 May-4 June 1977.

### CERN 77-19

K. Borer, G. Fremont  
The nuclear magnetic resonance magnetometer type 9298.

### CERN 77-20

SCISR Study Group  
Superconducting conversion of the intersecting storage rings.

### CERN 77-21

D. Blechschmidt, M.H. Blewett, K. Hübner, A.M. Hutton,  
K. Johnsen, E. Keil, B.W. Montague, L. Resegotti, J.C. Schnuriger,  
C. Zettler, B.W. Zotter  
Studies of 400 GeV superconducting proton storage rings.

### CERN, Genève

Experiments at CERN in 1977.  
Genève, CERN, 1977.

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