

Publikationen

European Physical Journal A 22, 213-230 · November 2004

[Systematics of deformed states around doubly-magic \$^{40}\text{Ca}\$](#)

H. Röpke

European Physical Journal A 14, 159-167 · June 2002

[High-spin states in \$^{36}\text{Ar}\$ and their underlying shell model configurations](#)

H. Röpke, J. Brenneisen, M. Lickert

Nuclear Physics A 674, 95-121 · July 2000

[Alignment of individual-particle angular momenta along the deformation axis in light nuclei](#)

H. Röpke

Nuclear Physics A 632, 173-204 · March 1998

[Renaissance of the Nilsson-model approach to light nuclei: The case of the A = 26 system](#)

H. Röpke, P. M. Endt

Zeitschrift für Physik A Hadrons and Nuclei 357, 157-173 · January 1997

[The structure of \$^{32}\text{S}\$ I. Spectroscopy of highly excited states](#)

J. Brenneisen, B. Erhardt, F. Glatz, Th. Kern, +5

Zeitschrift für Physik A 357, 377-386, December 1996

[The structure of \$^{32}\text{S}\$ II. Shell model interpretation](#)

J. Brenneisen, B. Erhardt, F. Glatz, Th. Kern, + 5

Zeitschrift für Physik A Hadrons and Nuclei 354, 301-310 · December 1996

Quantum numbers of ^{26}Al levels above 6 MeV excitation energy

J. Brenneisen, Dominik Grathwohl, B. Erhardt, P. M. Endt, +7

Zeitschrift für Physik A Hadrons and Nuclei 352, 403-415 · December 1995

The structure of ^{28}Si above 10 MeV excitation energy III:

Level scheme and shell model interpretation

J. Brenneisen, Dominik Grathwohl, M. Lickert, R. Ott, +4

Zeitschrift für Physik A Hadrons and Nuclei 352, 279-291 · September 1995

The structure of ^{28}Si above 10 MeV excitation energy II:

Assignments of quantum numbers

J. Brenneisen, Dominik Grathwohl, M. Lickert, R. Ott, +4

Zeitschrift für Physik A Hadrons and Nuclei 352, 149-159 · June 1995

The structure of ^{28}Si above 10 MeV excitation energy I:

gamma-decay modes and radiative widths of levels

Zeitschrift für Physik A Hadrons and Nuclei 338, 23-49 · January 1991

The structure of ^{25}Mg

F. Heidinger, P. Betz, W. Brendler, F. Glatz, +3

Zeitschrift für Physik A Hadrons and Nuclei 332, 289-304 · September 1989

Structure of the mirror nuclei ^{21}Ne and ^{21}Na

A. Hoffmann, P. Betz, H. Röpke, B. H. Wildenthal

Zeitschrift für Physik A Hadrons and Nuclei 331, 409-432 · December 1988

The structure of ^{27}Al

M. Lickert, J. Brenneisen, F. Glatz, Dominik Grathwohl, +4

Zeitschrift für Physik A Hadrons and Nuclei 324, 173-185 · June 1986

Search for missing predicted high-spin states in ^{28}Si

F. Glatz, M. Lickert, A. Burkard, Th. Kern, R. Lehmann, S. Norbert, H. Röpke, J. Siefert, B. H. Wildenthal

Zeitschrift für Physik A Hadrons and Nuclei 324, 187-204 · June 1986

High-spin states in ^{26}Mg

F. Glatz, S. Norbert, E. Bitterwolf, A. Burkard, F. Heidinger, Th. Kern, R. Lehmann, H. Röpke, J. Siefert, C. Schneider, B. H. Wildenthal

World Scientific Pub. Co, 377 October 1985

Test of the Shell Modell Approach to Nuclei in the Middle of the s-d Shell

Nuclear Shell Modells

H. Röpke, M. Vallieres, B. H. Wildenthal

Zeitschrift für Physik A Hadrons and Nuclei 313, 123-132 · August 1983

Shape coexistence and other aspects of nuclear structure in ^{40}Ar

E. Bitterwolf, A. Burkard, P. Betz, F. Glatz, F. Heidinger, Th. Kern, R. Lehmann, S. Norbert, H. Röpke, C. Schneider, J. Siefert

Zeitschrift für Physik A Hadrons and Nuclei 309, 163-176 · June 1982

Spectroscopy of highly excited states in ^{29}Si

P. Betz, E. Bitterwolf, A. Burkard, F. Glatz, F. Heidinger, Th. Kern, R. Lehmann, S. Norbert, H. Röpke, C. Schneider, J. Siefert

Zeitschrift für Physik A Hadrons and Nuclei 303, 239-251 · September 1981

Structure of ^{28}Si from the spectroscopy of high-spin states

F. Glatz, J. Siefert, P. Betz, E. Bitterwolf, A. Burkard, F. Heidinger, Th. Kern, R. Lehmann, S. Norbert, H. Röpke

Physical Review Letters 46, 1559-1561 · June 1981

Excited $K^\pi = 0^+$ Rotational Band in ^{28}Si

F. Glatz, P. Betz, J. Siefert, F. Heidinger, H. Röpke

Zeitschrift für Physik A Hadrons and Nuclei 298, 279-292 · December 1980

Structure of ^{30}Si from the spectroscopy of highly excited states

E. Bitterwolf, P. Betz, A. Burkard, F. Glatz, F. Heidinger, Th. Kern, R. Lehmann, S. Norbert, J. Siefert, H. Röpke

Zeitschrift für Physik A Hadrons and Nuclei 294, 51-64 · March 1980

Density of high-spin states in ^{38}Ar and ^{42}Ca

Th. Kern, P. Betz, E. Bitterwolf, F. Glatz, H. Röpke

Zeitschrift für Physik A Hadrons and Nuclei 293, 57-73 · March 1979

High-spin states in ^{48}Ti

F. Glatz, P. Betz, E. Bitterwolf, A. Burkard, F. Heidinger, Th. Kern, R. Lehmann, S. Norbert, H. Röpke

Zeitschrift für Physik A Hadrons and Nuclei 281, 75-88 · March 1977

The structure of ^{27}Mg from the $^{26}\text{Mg}(\text{d}, \text{p} \gamma)$ reaction

W. Brendler, P. Betz, E. Bitterwolf, H. Röpke

Journal of physics G 2, 171-173 October 1976

Collective structure and negative-parity states in ^{42}Ca

E. Bitterwolf, H. Röpke, P. Betz

Zeitschrift für Physik A Hadrons and Nuclei 278, 319-324 · December 1976

High-spin states in ^{38}Ar

F. Glatz, G. Pappert, A. Brachat, P. Betz, H. Röpke

Zeitschrift für Physik A Hadrons and Nuclei 276, 295-302 · September 1976

Deformed states of high spin in ^{42}Ca

P. Betz, E. Bitterwolf, B. Busshardt, H. Röpke

Zeitschrift für Physik 268, 394-397 · August 1974

High-spin states in ^{27}Al

H. Röpke, P. Betz, G. Bender, V. Glattes, G. Hammel, W. Brendler

Zeitschrift für Physik A Hadrons and Nuclei 271, 195-199 · June 1974

Evidence for the coexistence of spherical and deformed states in ^{38}Ar

P. Betz, H. Röpke, F. Glatz, G. Hammel, V. Glattes, W. Brendler

Nuclear Instruments and Methods 119, 199-170 · October 1974

A fast Neutron – Gamma Discriminator

P. Betz, G. Braun, G. Hammel, J. Urban

Zeitschrift für Physik A Hadrons and Nuclei 271, 59-64 · March 1974

Lifetime measurements in ^{25}Mg

H. Röpke, W. Brendler, P. Betz, V. Glattes, G. Hammel

Zeitschrift für Physik A Hadrons and Nuclei 266, 55-64 · February 1974

New aspects of the rotational model in ^{25}Mg

H. Röpke, G. Hammel, W. Brendler, P. Betz, V. Glattes

Zeitschrift für Physik 261, 351-357 · August 1973

Search for high-spin states in ^{29}Si using a neutron time-of-flight spectrometer

P. Betz, H. Röpke

Zeitschrift für Physik A Hadrons and Nuclei 260, 67-74 · February 1973

The γ -decay of ^{25}Mg

H. Röpke

Physics Letters B 41, 565-567 · October 1972

Spectroscopic factors of γ -vibrational like states in odd-A s-d shell nuclei

H. Röpke, V. Glattes

Nuclear Physics A 172, 506-512 · September 1971

The $K^\pi = 1/2^-$, [330] rotational band in $A = 21-27$ nuclei

H. Röpke, V. Glattes, G. Hammel

Nuclear Physics A 172, 499-505 · September 1971

Investigation of the 6477 KeV state in ^{27}Al with a Ge(Li) γ -ray polarimeter

H. Röpke, H. Grawe, G. Hammel

Nuclear Physics A 156, 477-488 · November 1970

Rotation-vibration interaction in ^{27}Al

H. Röpke, V. Glattes, G. Hammel

Nuclear Physics A 158, 211-224 · September 1970

Further evidence of a $K^\pi = 3/2^+$ band in the mirror nuclei ^{25}Al and ^{25}Mg

H. Röpke, H. J. Brundiers, G. Hammel

Canadian Journal of Physics 47, 1545-1555 · February 1969

The $^{23}\text{Na}(\alpha, \gamma)^{27}\text{Al}$ reaction.

A survey of the reaction and some properties of the ^{27}Al nucleus

H. Röpke, N. Anyas-Weiss

Nuclear Physics A 123, 437-448 · January 1969

Electric quadrupole transitions in ^{42}Ca

R. Hartmann, K. P. Lieb, H. Röpke

Physics Letters B 27, 368-369 · August 1968

Investigation of a new $E_x = 4.507$ KeV state in ^{25}Al

H. Röpke, N. Anyas-Weiss, Albert Litherland

Canadian Journal of Physics 46, 2789-2796 · August 1968

Properties of the 4.038 MeV state in ^{25}Al

H. Röpke, N. Anyas-Weiss, Albert Litherland

Physics Letters B 27, 161-163 · June 1968

Resonance width measurements using the doppler shift attenuation method

N. Anyas-Weiss, Albert Litherland, H. Röpke,

Canadian Journal of Physics 46, 1649 February 1968

A study of the 4509 KeV state in ^{27}Al by the $^{26}\text{Mg}(\text{p}, \gamma)$ reaction

H. Röpke, S. T. Lam

Nuclear Physics A 108, 233-235 January 1968

Lifetime measurements in ^{38}Ar

K. P. Lieb, H. Röpke, H. Grawe, H. J. Brundiers, O. Klepper

Zeitschrift für Physik 210, 179-182 · January 1968

The lifetime of the 5.14 MeV state in ^{22}Ne

H. Röpke, D. Pelte

Nuclear Physics A 104, 529-537 · November 1967

The 4.88 and 5.36 MeV states in ^{38}Ar

H. Röpke, H K. P. Lieb, H. J. Brundiers

Nuclear Physics A 98, 145-153 · May 1967

Lifetime measurements in ^{30}Si

K. P. Lieb, H. Grawe, H. Röpke

Nuclear Physics A 97, 609-619 · May 1967

A resonance in the $^{16}\text{O} + ^3\text{He}$ reactions at 5.05 MeV bombarding energy

H. Röpke, K. P. Lieb, R. König

Nuclear Physics A 80, 477-480 · Jun 1966

Perturbation Of the angular correlation of the 1.35 MeV – 0.198 MeV $\gamma - \gamma$ – cascade in ^{19}F

H. Röpke,

Nuclear Physics 63, 477-480 · March 1965

The gyromagnetic ratio of the first excited 2^+ state of ^{194}Pt

H. Spehl, O. Klepper, H. Röpke

Nuclear Instruments and Methods 17, 169-170 · October 1962

Herstellung eines neutralen Wasserstoffatomstrahls

H. Röpke, H. Spehl

Zeitschrift für Physik A Hadrons and Nuclei 166, 311-317 · June 1962

Herstellung eines neutralen Wasserstoffatomstrahls im MeV-Bereich

H. Röpke, H. Spehl