



Author index

- Aihara, J., see Hojo, T. 319 (2003) 81
- Ait Abderrahim, H., see Sobolev, V. 319 (2003) 131
- Akie, H., Y. Sugo and R. Okawa, Core burnup calculation and accidents analyses of a pressurized water reactor partially loaded with rock-like oxide fuel 319 (2003) 166
- Andoh, M., Y. Nakano, S. Okajima and K. Kawasaki, Doppler effect measurement on resonance materials for rock-like oxide fuels in an intermediate neutron spectrum 319 (2003) 126
- Arima, T., see Degueudre, C. 319 (2003) 6
- Arima, T., see Idemitsu, K. 319 (2003) 31
- Arima, T., T. Tateyama, K. Idemitsu and Y. Inagaki, Reaction of yttria-stabilized zirconia with zirconium, silicon and Zircaloy-4 at high temperature: a compatibility study for cermet fuels 319 (2003) 24
- Bakker, K., see Klaassen, F.C. 319 (2003) 108
- Bakker, K., see Schram, R.P.C. 319 (2003) 118
- Baranaev, Yu.D., V.V. Popov, V.N. Sharapov and V.M. Troyanov, The feasibility of employing inert matrix ceramic fuels in a Russian light water reactor 319 (2003) 154
- Bondarenko, A.V., O.V. Komissarov, Ya.K. Kozmenkov, Yu.V. Matveev, Yu.I. Orekhov, V.A. Pivovarov and V.N. Sharapov, Reactor physics and safety aspects of various design options of a Russian light water reactor with rock-like fuels 319 (2003) 159
- Chawla, R., see Kasemeyer, U. 319 (2003) 142
- Conrad, R., see Klaassen, F.C. 319 (2003) 108
- Damen, P.M.G., A. van Veen, F. Labohm, H. Schut and M.A. van Huis, Thermal annealing behaviour and defect evolution of helium in fully stabilised zirconia 319 (2003) 65
- Degueudre, C., see Lee, Y.W. 319 (2003) 15
- Degueudre, C., see Pouchon, M.A. 319 (2003) 37
- Degueudre, C. and T. Yamashita, Inert matrix fuel strategies in the nuclear fuel cycle: the status of the initiative efforts at the 8th Inert Matrix Fuel Workshop 319 (2003) 1
- Degueudre, C., T. Arima and Y.W. Lee, Thermal conductivity of zirconia based inert matrix fuel: use and abuse of the formal models for testing new experimental data 319 (2003) 6
- Dufour, Ph., see Vasile, A. 319 (2003) 173
- Fernández, A., R.J.M. Konings and J. Somers, Design and fabrication of specific ceramic-metallic fuels and targets 319 (2003) 44
- Furuno, S., see Hojo, T. 319 (2003) 81
- Gauckler, L.J., see Streit, M. 319 (2003) 51
- Golfier, H., see Vasile, A. 319 (2003) 173
- Grouiller, J.P., see Vasile, A. 319 (2003) 173
- Guillet, J.L., see Vasile, A. 319 (2003) 173
- Hellwig, Ch., see Kasemeyer, U. 319 (2003) 142
- Hellwig, Ch., see Pouchon, M.A. 319 (2003) 37
- Hellwig, Ch. and U. Kasemeyer, Inert matrix fuel performance during the first two irradiation cycles in a test reactor: comparison with modelling results 319 (2003) 87
- Hojo, T., J. Aihara, K. Hojou, S. Furuno, H. Yamamoto, N. Nitani, T. Yamashita, K. Minato and T. Sakuma, Irradiation effects on yttria-stabilized zirconia irradiated with neon ions 319 (2003) 81
- Hojou, K., see Hojo, T. 319 (2003) 81
- Idemitsu, K., see Arima, T. 319 (2003) 24
- Idemitsu, K., T. Arima, Y. Inagaki, S. Torikai and M.A. Pouchon, Manufacturing of zirconia microspheres doped with erbia, yttria and ceria by internal gelation process as a part of a cermet fuel 319 (2003) 31
- Inagaki, Y., see Arima, T. 319 (2003) 24
- Inagaki, Y., see Idemitsu, K. 319 (2003) 31
- Ingold, F., see Pouchon, M.A. 319 (2003) 37
- Ingold, F., see Schram, R.P.C. 319 (2003) 118
- Ingold, F., see Streit, M. 319 (2003) 51
- Joung, C.Y., see Lee, Y.W. 319 (2003) 15

- Kasemeyer, U., see Hellwig, Ch. 319 (2003) 87
- Kasemeyer, U., Ch. Hellwig, J. Le-
benhaft and R. Chawla, Comparison
of various partial light water reactor
core loadings with inert matrix and
mixed-oxide fuel 319 (2003) 142
- Kawasaki, K., see Andoh, M. 319 (2003) 126
- Kim, H.S., see Lee, Y.W. 319 (2003) 15
- Kimura, Y., see Nitani, N. 319 (2003) 102
- Kinoshita, C., see Yasuda, K. 319 (2003) 74
- Klaassen, F.C., see Schram, R.P.C. 319 (2003) 118
- Klaassen, F.C., K. Bakker, R.P.C.
Schram, R. Klein Meulekamp, R.
Conrad, J. Somers and R.J.M.
Konings, Post irradiation examina-
tion of irradiated americium oxide
and uranium dioxide in magnesium
aluminate spinel 319 (2003) 108
- Klein Meulekamp, R., see Klaassen,
F.C. 319 (2003) 108
- Komissarov, O.V., see Bondarenko,
A.V. 319 (2003) 159
- Konings, R.J.M., see Fernández, A. 319 (2003) 44
- Konings, R.J.M., see Klaassen, F.C. 319 (2003) 108
- Konings, R.J.M., see Lutique, S. 319 (2003) 59
- Kozmenkov, Ya.K., see Bondarenko,
A.V. 319 (2003) 159
- Kuramoto, K., see Nitani, N. 319 (2003) 102
- Kuramoto, K., N. Nitani and T. Yama-
shita, Durability test on irradiated
rock-like oxide fuels 319 (2003) 180
- Labohm, F., see Damen, P.M.G. 319 (2003) 65
- Lebenhaft, J., see Kasemeyer, U. 319 (2003) 142
- Lee, S.C., see Lee, Y.W. 319 (2003) 15
- Lee, Y.W., see Degueudre, C. 319 (2003) 6
- Lee, Y.W., S.C. Lee, H.S. Kim, C.Y.
Joung and C. Degueudre, Study on
the mechanical properties and ther-
mal conductivity of silicon carbide-,
zirconia- and magnesia aluminate-
based simulated inert matrix nuclear
fuel materials after cyclic thermal
shock 319 (2003) 15
- Lemehov, S., see Sobolev, V. 319 (2003) 131
- Lutique, S., D. Staicu, R.J.M. Konings,
V.V. Rondinella, J. Somers and T.
Wiss, Zirconate pyrochlore as a
transmutation target: thermal behav-
iour and radiation resistance
against fission fragment impact 319 (2003) 59
- Matsumura, S., see Yasuda, K. 319 (2003) 74
- Matveev, Yu.V., see Bondarenko, A.V. 319 (2003) 159
- Messaoudi, N., see Sobolev, V. 319 (2003) 131
- Minato, K., see Hojo, T. 319 (2003) 81
- Nakamura, M., see Pouchon, M.A. 319 (2003) 37
- Nakamura, T., H. Sasajima, T. Yama-
shita and H. Uetsuka, Morphology
change of rock-like oxide fuels in
reactivity-initiated-accident simula-
tion tests 319 (2003) 95
- Nakano, Y., see Andoh, M. 319 (2003) 126
- Nihei, Y., see Nitani, N. 319 (2003) 102
- Nitani, N., see Hojo, T. 319 (2003) 81
- Nitani, N., see Kuramoto, K. 319 (2003) 180
- Nitani, N., K. Kuramoto, T. Yamashita,
Y. Nihei and Y. Kimura, In-pile
irradiation of rock-like oxide fuels 319 (2003) 102
- Okajima, S., see Andoh, M. 319 (2003) 126
- Okawa, R., see Akie, H. 319 (2003) 166
- Orehov, Yu.I., see Bondarenko, A.V. 319 (2003) 159
- Ottaviani, J.-P., see Streit, M. 319 (2003) 51
- Pivovarov, V.A., see Bondarenko, A.V. 319 (2003) 159
- Pointot, Ch., see Vasile, A. 319 (2003) 173
- Popov, V.V., see Baranaev, Yu.D. 319 (2003) 154
- Pouchon, M., see Streit, M. 319 (2003) 51
- Pouchon, M.A., see Idemitsu, K. 319 (2003) 31
- Pouchon, M.A., M. Nakamura, Ch.
Hellwig, F. Ingold and C. Degueudre,
Cermet sphere-pac concept for inert
matrix fuel 319 (2003) 37
- Rondinella, V.V., see Lutique, S. 319 (2003) 59
- Ryazanov, A.I., see Yasuda, K. 319 (2003) 74
- Sakuma, T., see Hojo, T. 319 (2003) 81
- Sasajima, H., see Nakamura, T. 319 (2003) 95
- Schram, R.P.C., see Klaassen, F.C. 319 (2003) 108
- Schram, R.P.C., R.R. van der Laan,
F.C. Klaassen, K. Bakker, T. Yama-
shita and F. Ingold, The fabrication
and irradiation of plutonium-con-
taining inert matrix fuels for the 'Once
Though Then Out' experiment 319 (2003) 118
- Schut, H., see Damen, P.M.G. 319 (2003) 65
- Sharapov, V.N., see Baranaev, Yu.D. 319 (2003) 154
- Sharapov, V.N., see Bondarenko, A.V. 319 (2003) 159
- Sobolev, V., S. Lemehov, N. Messaoudi,
P. Van Uffelen and H. Ait Abderra-
him, Modelling the behaviour of
oxide fuels containing minor acti-
nides with urania, thoria and zirco-
nia matrices in an accelerator-driven
system 319 (2003) 131
- Somers, J., see Fernández, A. 319 (2003) 44
- Somers, J., see Klaassen, F.C. 319 (2003) 108
- Somers, J., see Lutique, S. 319 (2003) 59
- Staicu, D., see Lutique, S. 319 (2003) 59
- Streit, M., F. Ingold, M. Pouchon, L.J.
Gauckler and J.-P. Ottaviani, Zirc-
onium nitride as inert matrix for fast
systems 319 (2003) 51
- Sugo, Y., see Akie, H. 319 (2003) 166
- Tateyama, T., see Arima, T. 319 (2003) 24
- Torikai, S., see Idemitsu, K. 319 (2003) 31
- Troyanov, V.M., see Baranaev, Yu.D. 319 (2003) 154

Uetsuka, H., see Nakamura, T.	319 (2003) 95	Yamamoto, H., see Hojo, T.	319 (2003) 81
		Yamashita, T., see Degeldre, C.	319 (2003) 1
van der Laan, R.R., see Schram, R.P.C.	319 (2003) 118	Yamashita, T., see Hojo, T.	319 (2003) 81
van Huis, M.A., see Damen, P.M.G.	319 (2003) 65	Yamashita, T., see Kuramoto, K.	319 (2003) 180
Van Uffelen, P., see Sobolev, V.	319 (2003) 131	Yamashita, T., see Nakamura, T.	319 (2003) 95
van Veen, A., see Damen, P.M.G.	319 (2003) 65	Yamashita, T., see Nitani, N.	319 (2003) 102
Vasile, A., Ph. Dufour, H. Golfier, J.P. Grouiller, J.L. Guillet, Ch. Poinot, G. Youinou and A. Zaetta, Ad- vanced fuels for plutonium manage- ment in pressurized water reactors	319 (2003) 173	Yamashita, T., see Schram, R.P.C.	319 (2003) 118
		Yasuda, K., C. Kinoshita, S. Matsumura and A.I. Ryazanov, Radiation-in- duced defect clusters in fully stabi- lized zirconia irradiated with ions and/or electrons	319 (2003) 74
		Youinou, G., see Vasile, A.	319 (2003) 173
Wiss, T., see Lutique, S.	319 (2003) 59	Zaetta, A., see Vasile, A.	319 (2003) 173