

## Author index

- Aktaa, J. and M. Lerch, Near-threshold fatigue crack behaviour in EUROFER 97 at different temperatures 353 (2006) 101
- Anderson, K.R., see Moon, J.H. 353 (2006) 177
- Arnas, C., C. Dominique, P. Roubin, C. Martin, C. Brosset and B. Pégourié, Characterisation of carbon dust produced in sputtering discharges and in the Tore Supra tokamak 353 (2006) 80
- Bergner, F., see Ulbricht, A. 353 (2006) 27
- Bönnemark, T., see Roth, O. 353 (2006) 75
- Borysow, J., see Roland, T.F. 353 (2006) 193
- Brosset, C., see Arnas, C. 353 (2006) 80
- Buck, E.C., see Kim, C.-W. 353 (2006) 147
- Cantonwine, P.E., see Moon, J.H. 353 (2006) 177
- Deshon, J., see Henshaw, J. 353 (2006) 1
- Dewhurst, C.D., see Ulbricht, A. 353 (2006) 27
- Dickinson, S., see Henshaw, J. 353 (2006) 1
- Dominique, C., see Arnas, C. 353 (2006) 80
- Domizzi, G., see Gómez, M.P. 353 (2006) 167
- Dunn, P.S., see Kelly, A.M. 353 (2006) 158
- Field, R.D., see Kelly, A.M. 353 (2006) 158
- Finch, R.J., see Kim, C.-W. 353 (2006) 147
- Fink, M., see Roland, T.F. 353 (2006) 193
- Fok, S.L., see Hall, G. 353 (2006) 12
- García, J.A., see Zelada-Lambri, G.I. 353 (2006) 127
- Garg, K.B., see Jheeta, K.S. 353 (2006) 190
- Gómez, M.P., G. Domizzi, M.I.L. Pumarega and J.E. Ruzzante, Characterization of hydrogen concentration in Zircaloy-4 using ultrasonic techniques 353 (2006) 167
- Hall, G., B.J. Marsden and S.L. Fok, The microstructural modelling of nuclear grade graphite 353 (2006) 12
- Hayes, T.A., R.S. Rosen and M.E. Kassner, Creep fracture of zirconium alloys 353 (2006) 109
- Heinemann, A., see Ulbricht, A. 353 (2006) 27
- Henshaw, J., J.C. McGurk, H.E. Sims, A. Tuson, S. Dickinson and J. Deshon, A model of chemistry and thermal hydraulics in PWR fuel crud deposits 353 (2006) 1
- Holt, R., see Nam, C. 353 (2006) 135
- Ivanovskii, A.L., see Shein, I.R. 353 (2006) 19
- Jain, D., C.G.S. Pillai, B.S. Rao, R.V. Kulkarni, E. Ramdasan and K.C. Sahoo, Thermal diffusivity and thermal conductivity of thoria–lanthana solid solutions up to 10 mol.% LaO<sub>1.5</sub> 353 (2006) 35
- Jain, D.C., see Jheeta, K.S. 353 (2006) 190
- Jheeta, K.S., D.C. Jain, R. Kumar, F. Singh and K.B. Garg, Photoluminescence study of swift heavy ion (SHI) induced defect centers in sapphire 353 (2006) 190
- Jonsson, M., see Roth, O. 353 (2006) 75
- Jouanne, C., see Lunéville, L. 353 (2006) 89
- Jung, Y.H., see Yang, J.H. 353 (2006) 202
- Karthikeyan, S., see Moon, J.H. 353 (2006) 177
- Kassner, M.E., see Hayes, T.A. 353 (2006) 109
- Kelly, A.M., D.J. Thoma, R.D. Field, P.S. Dunn and D.F. Teter, Metallographic preparation techniques for uranium 353 (2006) 158
- Kim, C.-W., D.J. Wronkiewicz, R.J. Finch and E.C. Buck, Incorporation of cerium and neodymium in uranyl phases 353 (2006) 147
- Kim, K.S., see Yang, J.H. 353 (2006) 202
- Kulkarni, R.V., see Jain, D. 353 (2006) 35
- Kumar, R., see Jheeta, K.S. 353 (2006) 190
- Lambri, O.A., see Zelada-Lambri, G.I. 353 (2006) 127
- Lerch, M., see Aktaa, J. 353 (2006) 101
- Li, H., see Nam, C. 353 (2006) 135
- Lin, J., see Nam, C. 353 (2006) 135

- Lunéville, L., D. Simeone and C. Jouanne, Calculation of radiation damage induced by neutrons in compound materials 353 (2006) 89
- Marsden, B.J., see Hall, G. 353 (2006) 12
- Martin, C., see Arnas, C. 353 (2006) 80
- Matsuyama, M., see Penzhorn, R.-D. 353 (2006) 66
- McGurk, J.C., see Henshaw, J. 353 (2006) 1
- Mills, M.J., see Moon, J.H. 353 (2006) 177
- Moon, J.H., P.E. Cantonwine, K.R. Anderson, S. Karthikeyan and M.J. Mills, Characterization and modeling of creep mechanisms in Zircaloy-4 353 (2006) 177
- Morishita, K. and R. Sugano, Mechanism map for nucleation and growth of helium bubbles in metals 353 (2006) 52
- Nam, C., J. Lin, H. Li, J.A. Szpunar and R. Holt, Effects of tube fabrication variables on the oxidation of experimental Zr-2.5Nb tubes 353 (2006) 135
- Ohashi, H., see Sakaba, N. 353 (2006) 42
- Park, J., see Zocco, T.G. 353 (2006) 119
- Pégourié, B., see Arnas, C. 353 (2006) 80
- Penzhorn, R.-D., Y. Torikai, M. Matsuyama and K. Watanabe, Detritiation of type 316 stainless steel by treatment with liquids at ambient temperature 353 (2006) 66
- Pillai, C.G.S., see Jain, D. 353 (2006) 35
- Pumarega, M.I.L., see Gómez, M.P. 353 (2006) 167
- Ramdasan, E., see Jain, D. 353 (2006) 35
- Rao, B.S., see Jain, D. 353 (2006) 35
- Roland, T.F., J. Borysow and M. Fink, Surface mediated isotope exchange reactions between water and gaseous deuterium 353 (2006) 193
- Rosen, R.S., see Hayes, T.A. 353 (2006) 109
- Roth, O., T. Bönemark and M. Jonsson, The influence of particle size on the kinetics of UO<sub>2</sub>oxidation in aqueous powder suspensions 353 (2006) 75
- Roubin, P., see Arnas, C. 353 (2006) 80
- Ruzzante, J.E., see Gómez, M.P. 353 (2006) 167
- Sahoo, K.C., see Jain, D. 353 (2006) 35
- Sakaba, N., H. Ohashi and T. Takeda, Hydrogen permeation through heat transfer pipes made of Hastelloy XR during the initial 950 °C operation of the HTTR 353 (2006) 42
- Schwartz, D.S., see Zocco, T.G. 353 (2006) 119
- Shein, I.R., K.I. Shein and A.L. Ivanovskii, First-principle study of B1-like thorium carbide, nitride and oxide 353 (2006) 19
- Shein, K.I., see Shein, I.R. 353 (2006) 19
- Simeone, D., see Lunéville, L. 353 (2006) 89
- Sims, H.E., see Henshaw, J. 353 (2006) 1
- Singh, F., see Jheeta, K.S. 353 (2006) 190
- Song, K.W., see Yang, J.H. 353 (2006) 202
- Sugano, R., see Morishita, K. 353 (2006) 52
- Szpunar, J.A., see Nam, C. 353 (2006) 135
- Takeda, T., see Sakaba, N. 353 (2006) 42
- Teter, D.F., see Kelly, A.M. 353 (2006) 158
- Thoma, D.J., see Kelly, A.M. 353 (2006) 158
- Torikai, Y., see Penzhorn, R.-D. 353 (2006) 66
- Tuson, A., see Henshaw, J. 353 (2006) 1
- Ulbricht, A., F. Bergner, C.D. Dewhurst and A. Heinemann, Small-angle neutron scattering study of post-irradiation annealed neutron irradiated pressure vessel steels 353 (2006) 27
- Watanabe, K., see Penzhorn, R.-D. 353 (2006) 66
- Wronkiewicz, D.J., see Kim, C.-W. 353 (2006) 147
- Yang, J.H., K.W. Song, K.S. Kim and Y.H. Jung, A fabrication technique for a UO<sub>2</sub> pellet consisting of UO<sub>2</sub> grains and a continuous W channel on the grain boundary 353 (2006) 202
- Zelada-Lambri, G.I., O.A. Lambri and J.A. García, Mechanical energy losses due to the movement of dislocations in molybdenum at high temperatures (0.3T<sub>m</sub>) 353 (2006) 127
- Zocco, T.G., D.S. Schwartz and J. Park, Investigation of plutonium allotropic phase transformations through differential scanning calorimetry 353 (2006) 119