

<u>F. Plasma Heating and Current Drive</u>	
Sand, F., Cottrell, G.A., Bhatnagar, V.P., Bures, M., Core, W. et al. Experimental and theoretical studies of harmonic ICRF heating on JET	801
Bhatnagar, V.P., Ellis, J.J., Jacquinet, J., Start, D.F.H. Experiments with diverse ICRH scenarios on JET.....	805
Evrard, M.P. Hot ions tail relaxation in minority heating scheme.....	809
Hugill, J., Alcock, M.W., Ainsworth, N.R.G., Collins, P.R., et al. ECRH programme with high-field-side launch on DITE Tokamak.....	813
Robinson, D.C., Cox, M., Edlington, T., Lloyd, B., O'Brien, M. et al. ECRH current drive experiments on CLEO.....	814
Gasparino, U., Maassberg, H., Tutter, M., R�auchle, E., et al. Studies on electron cyclotron heating at W7-AS stellarators.....	818
Cirant, S., Argenti, L., De Luca, F., Jacchia, A., Mantica, P., et al. Particle balance during ECW injection in THOR Tokamak.....	819
Airoldi, A., Cima, G., Mantica, P., Ramponi, G., Argenti, L., et al. Interaction regimes and suprathreshold effects in ECRH experiments on THOR Tokamak.....	823
Knowlton, S., Gormezano, C., Moreau, D., Anderson, R.J., et al. Plasma current profile control in JET by lower hybrid current drive.	827
S�oldner, F.X., ASDEX and LH Team. Profile control with lower hybrid waves on ASDEX.....	831
Houtte, D. van, Briffod, G., Parlange, F. Current rise assisted by lower hybrid waves in the PETULA-B Tokamak.	835
Nocentini, A., De Barbieri, O. Electric field diffusion and lower hybrid current drive in tokamaks.	836

Succi, S., Appert, K., Vaclavik, J. Perpendicular shape of the electron distribution function during lower-hybrid current ramp up.....	840
Succi, S., Appert, K., Vaclavik, J. Two-dimensional quasilinear modelling of lower-hybrid current ramp up.....	841
Rax, J.M. Energy balance and transient responses in wave driven plasmas.....	842
Jiang, T., Jia-Rong, L., Yue-Xiu, L., Xue-Lei, Z., et al. Lower hybrid current drive and its influence on MHD activities in HEFEI HT-6M tokamak.....	846
Goniche, M., David, C., Rey, G., Tonon, G., RF & Petula Groups. Modification of the coupling of lower hybrid waves by means of movable limitors on PETULA.....	850
Alikaev, V.V., Vasin, N.L., Esiptchuk, Yu.,V., et al. Optimal ECR power deposition profile in T-10 Tokamak.....	854
Akatova, T.Yu., Bulyginsky, D.G., Goncharov, S.G., et al. Energy balance studies during ECRH experiments in FT-1 Tokamak.....	855
Chuyanov, V.A., Kuznetsova, L.K., Lazarev, V.B. Interpretation of electron cyclotron emission spectra in tokamaks..	856
Kimura, H. and TJ-60 Team Improvement of confinement by ICRF heating in JT-60.....	857
Hamamatsu, K., Kishimoto, Y., Azumi, M., Fukuyama, A., Itoh, S. et al. Theoretical study of 2nd harmonic ICRF heating in JT-60.....	861
Sawley, M., Ballico, M., Brennan, M.H., Cross, R.C., et al. Alfven wave excitation in the TORTUS Tokamak.....	865
Brennan, M.H., Borg, G.G., Cross, R.C. ICRF ray propagation in a toroidal hydrogen-deuterium plasma.....	866
Ida, K., Ogawa, Y., Watari, T., Akiyama, R., Ando, R., Fujita, J. et al. ICRF heating experiment with high power density in JIPP T-IIU Tokamak.....	870
Morita, S., Akiyama, R., Kadota, K., Kawasumi, Y., Ogawa, Y. et al. Ion temperature measurements during ICRF heating on JIPP T-IIU Tokamak.....	874
Sato, K.N., Sakamoto, M., Ida, K., Kawahata, K., Tanahashi, S. et al. Diamagnetic measurement of ICRF-heated plasmas in JIPP T-IIU Tokamak.....	875

Esch, H.P.L., Hoekzema, J.A., Polman, R.W., Schep, T.J. et al. Electron heat transport in TFR with ECRH.....	876
Westerhof, E., FOM-ECRH Team and TFR Group Simulation of electron cyclotron heating in TFR.....	880
Dubois, M., TFR Group Analysis transient of energy in TFR during ECRH experiments.....	884
Prater, R., Ejima, S., Harvey, R.W., James, R.A., et al. Electron cyclotron heating at the fundamental and second harmonic on DIII-D.....	885
Tanaka, S., Terumichi, Y., Maekawa, T., Nakamura, M., Ando, A. et al. Electron cyclotron and lower hybrid current drive experiments in the WT-III Tokamak.....	886
Bornatici, M., Ruffina, U. Electron-cyclotron absorption at downshifted frequencies in the presence of a superthermal tail.....	890
Sakamoto, K. and JT-60 Team Heating and current drive experiments with lower hybrid waves on JT-60.....	894
Nocentini, A. Transformer recharging by lower hybrid waves at high plasma temperature in tokamaks.....	898
Krlin, L., Pavlo, P., Tluchor, Z. The influence of LH induced quasilinear diffusion on the thermo- nuclear alpha particles distribution and on LHCD.....	902
Cardinali, A., Romanelli, F., Bartiromo, R. Analytical propagation of L.H. waves in plasma with m=1, 2 magnetic islands.....	903
Cardinali, A., Cesario, R. Ion-sound parametric decays of lower hybrid waves in FT tokamak.....	907
Wegrove, J.G. Broadening of the lower hybrid wave spectrum due to departure from axisymmetry.....	911
Grossmann, W., Spigler, R. Reflection of lower hybrid wave power from tokamak plasmas due to random density fluctuations.....	915
Eckhardt, D., Toi, K., Hamada, Y., Ohkubo, K., Akiyama, R. et al. Fast wave injection into high temperature tokamak plasmas in the lower hybrid density regime of JIPP T-IIU.....	919

Belyanskaya, N.V., Dnestrovskij, Yu.N., Kostomarov, D.P., et al. 3D-simulation of ion distribution function under ICRH in tokamak....	923
Koch, R., Weynants, R.R., Van Eester, D., Durodie, F., et al. Incidence of the choice of ICRH operating conditions on heating performance: a comparison between experimental results and theory...	924
Nieuwenhove, R., Koch, R., Van Oost, G. Theoretical and experimental investigation of the impact of surface waves and bulk absorption on ICRH fields measured at the plasma edge in tokamaks.....	928
Faulconer, D.W., Van Eester, D., Weynants, R.R. The role of temperature and rotational transform in ICRH mode conversion.....	932
Faulconer, D.W. Collisionless particle transport induced by travelling wave.....	936
Swain, D.W., Baity, F.W., Bryan, W.E., Chen, G.L., Hoffman, D.J. et al. Technology development of antennas for ion cyclotron heating experiments in fusion devices.....	940
Swain, D.W., Hoffman, D.J., Baity, F.W., Bryan, W.E., Chen, G.L. et al. ICRF coupling on DIII-D and the implications on ICRF technology development.....	941
Uesugi, Y., and JFT-2M Group 200 MHz fast wave current drive on JFT-2M Tokamak.....	942
Steinmetz, K.H., and ICRH, ASDEX, NI Teams Confinement and profile effects during ICRF heating on ASDEX.....	946
Moret, J.M., TCA Team Study of the plasma dynamic response to Alfvén wave heating power modulation in TCA.....	950
Joye, B., TCA Team. Detailed effects of the excited wave spectrum in Alfvén wave heating on TCA Tokamak.....	954
Sauter, O., Villard, L. HPS and LFS excited global modes in the ICRF.....	958
Mourier, G., et al. Symmetric and non-symmetric modes in high power generators for electron cyclotron resonance heating.....	962
Jory, H., Craig, L.J., Felch, K., Ives, R.L., Neilson, J., Spang, S. Gyrotrons for electron cyclotron heating at 140 GHz.....	963

Moser, F., Röchle, E. Influence of drift motion on the dispersion and absorption of electron-cyclotron waves in anisotropic, relativistic plasmas.....	964
Martín, R., Cepero, J.R., Sorolla, M. Analytical models to evaluate the purity and efficiency of mode converters in millimeter wave oversized waveguides for ECRH.....	968
Lynov, J.P., Hansen, F.R., Michelsen, P., Pécseli, H.L. Analysis of ordinary wave propagation in a tokamak with random density fluctuations.....	972
Airoldi, A., Cenacchi, G., Cirant, S., De Luca, F., Farina D., et al. High density ECRH experiment on FTU.....	976
Lampis, G., Petrillo, V., Maroli, C. Global wave analysis of plasma heating in large size tokamaks by oblique extraordinary EC waves.....	980
Pozzoli, R., Farina, D., Lontano, M. Interaction of EC and LH waves with high energy electrons in FTU.....	984
Alejaldre, C. Microwave absorption in the flexible heliac TJ-II.....	988
Kirov, A.G., Ruchko, L.F., Astapenko, G.I., et al. Experimental studies of plasma confinement in the toroidal device with additional alfvén heating.....	992
Askinasi, L.M., Golant, V.E., Goncharov, S.G., et al. Ion cyclotron heating experiments on the TUMAN-3 Tokamak.....	993
Braams, B.J., Karney, C.F.F. Numerical Fokker-Planck studies.....	994
Bers, A., Francis, G., Fuchs, V., Gauthier, L., Ram, A.K., et al. Analytic descriptions of ion cyclotron absorption.....	995
Krücken, T., Brambilla, M. Global modeling of R.F. waves in tokamaks in the ion cyclotron frequency domain.....	996
Hellsten, T., Villard, L. Simplified model for ICRH power deposition in large tokamaks.....	1000
Scharer, J., Romero, H., Sund, R. ICRF Fokker-Planck heating and inhomogeneous plasma field and absorption studies.....	1003
Moreau, D., O'Brien, M.R., Cox, M., Start, D.F.H. Potentiality of fast wave current drive in non-maxwellian plasmas....	1007

Brambilla, M. Theory of ion Bernstein wave launching.....	1011
Puri, S. Role of the rotational transform and the enhanced hall effect in Alfvén wave antenna optimization.....	1015
Morales, G.J., Berro, E. Spurious excitation of lower-hybrid resonance by ICRF couplers....	1019
Hay Tsui, K. Fast wave kinetic alfvén wave current drive.....	1020
Anderson, D., Eriksson, L.J., Lisak, M. Anisotropic analysis of ion distributions distorted by ICRH in a tokamak plasma.....	1022
Hamnén, H., Challis, C., Cordey, J.G., Campbell, D., Cox, M. et al. Neutral beam current drive studies at JET.....	1026
Corti, S., Bracco, S., Giannelli, A., Zanza, V. Measurement and simulation of slowing down spectra of fast ions during neutral beam injection in JET.....	1030
Kaw, P., Bora, D. Plasma current drive by nonresonant RF forces in a toroidal plasma experiment.....	1034
Cap, F.F. Axisymmetric low frequency TE modes in an inhomogeneous magnetized plasma surrounded by vacuum and contained in a toroidal vessel of arbitrary cross section.....	1035
Fried, B., Milovich, J., Morales, G.J. Effect of poloidal field on ion Bernstein waves.....	1039
Belikov, V.S., Kolesnichenko, Ya.I., Plotnik, I.S. The role of trapped particles during current drive with a wave packet in tokamaks.....	1040
Parail, V.V., Pereverzev, G.V., Polevoy, A.R. Simulation of m=0 and m=1 mode suppression at the lower hybrid current drive in tokamak.....	1044
Vdovin, V.L. Current drive by fast magnetosonic waves via a multi-loop antenna.	1045
Hatayama, A., Sugihara, M., and FER Plasma Design Group Lower hybrid current drive and heating for FER.....	1046

<u>G. Tokamak and Basic Fusion Plasma Theory</u>	
Kadomtsev, B.B., Parail, V.V., Pogutse, O.P., Yushmanov, P.N. Turbulent plasma processes in tokamak.....	1050
Garbet, X. Non linear microtearing modes.....	1050 bis
Ring, R. A perturbational method to calculate the frequency spectrum of MHD equilibria in presence of resonances.....	1051
Rem, J., Lassing, H.S., Goedbloed, J.P. The stability of a screw-pinch plasma to global MHD modes.....	1055
Lazzaro, E., Nave, M.F.F. Feedback control of amplitude and frequency of disruptive modes....	1059
Pettini, M., Torricelli-Ciamponi, G. Onset of magnetic stochasticity in reconnecting layers.....	1063
Elsässer, K., Deeskov, P. Quasilinear field line diffusion at the onset of stochasticity.....	1064
Minardi, E., Entropy principle and privileged magnetic equilibria of the plasma.	1068
Rebhan, E., Grauer, R. Tokamak profiles through constrained minimization of the entropy production.....	1072
Ottaviani, M. Geometric optics for collisionless plasmas: a formal derivation from the Vlasov equation.....	1076
Gratton, F., Ghavi, G. Growth rates limits for linear instabilities of a magnetized plasma with arbitrary distribution functions.....	1077
Haines, M.G. A new form of Ohm's law for a plasma.....	1079
Avanzini, P.G., Rosatelli, F., Tarditi, A. Approach to fusion by collision of neutralized ion beams.....	1083
Kolchin, K.V., Yushmanov, P.N. Stochastic diffusion of high energy ions in the toroidal systems with high ripple.....	1087
Zaitsev, F.S., Smirnov, A.P., Yushmanov, P.N. Radial diffusion effect on ion distribution in the magnetized plasma.....	1088
Konovalov, S.V., Putvinsky, S.V. Dynamics of the fusion alpha-particles in a tokamak in the presence of helical modes.....	1089

Connor, J.W. Tearing modes in toroidal geometry.....	1090
Goedbloed, J.P., Kleiberger, R. Shear-Alfvén spectrum of analytic high-beta equilibria.....	1091
Goedbloed, J.P., Kleiberger, R., Rem, J. Flux coordinate studies of elongated plasmas at high beta.....	1095
Pegoraro, F., Einaudi, G., Valdettaro, L. Numerical and analytical study of resistive modes in cylindrical plasmas.....	1099
Nave, M.F.F., Wesson, J.A. Mode locking in tokamaks.....	1103
Krlin, L., Pavlo, P., Tluchor, Z., Gásek, Z. The stochasticity threshold of the interaction of the monochromatic Alfvén wave with trapped particles in tokamaks.....	1107
Scheffel, J., Faghihi, M. Non-ideal effects on internal kink stability of a collisionless Z-pinch.....	1111
Eggen, B., Schuurman, W. On the stability of extended Taylor states for a finite-B plasma.....	1115
Schuurman, W., Weenink, M.P.H. Detailed stability analysis of Taylor states of a plasma surrounded by a cylindrical vacuum layer.....	1119
Edenstrasser, J.W. Finite-beta solutions of Taylor's minimum energy principle.....	1123
Gratton, F., Ghavi, G. A Hamilton perturbative method to derive three dimensional oscillatory Vlasov structures with a magnetic field.....	1127
Bobrovskii, G.A., Esiptchuk, Yu.V., Savrukhin, P.V., Tarasan K.N. On sawtooth simulation.....	1128
Kukushkin, A.B., Linitza, V.S., Savel'ev, Yu.A. Nonlocal heat transport in plasmas.....	1129
Morozov, D.Kh., Osipenko, M.V., Pogutse, O.P., Shurygin, R.V. On the role of trapped particles in the theory of anomalous transport in a collisionless plasma.....	1130
Bazdenkov, C.B., Pogutse, O.P., Chudin, N.V. Heat and particle transport simulation using a new scaling law..	1131

Tokar, M.Z. H-mode and various methods of plasma density sustainment in tokamaks.	1132
Degtyarev, L.M., Medvedev, S.Yu., Kirov, A.G. Stotland, M.A. Beta limits influenced by the tokamak plasma cross-section geometry and the profiles.....	1133
Manickam, J., Pomphrey, N., Todd, A.M.M. Pressure driven modes in low-shear regions.....	1137
Tsunematsu, T., Tokuda, S., Seki, S., Azumi, M., Takeda, T. Effect of shear on beta limit of tokamak plasma.....	1141
Hender, T.C., Hastie, R.J., Robinson, D.C. MHD stability in tokamaks with low central q.....	1145
Tuda, T. Tubular operation of tokamak reactor.....	1149
Jarmén, A., Andersson, P. and Weiland, J. Fully toroidal ion temperature gradient driven drift modes.....	1150
Briguglio, S., Tang, W.M., Romanelli, F. Resistive electrostatic instabilities.....	1154
Haas, F., Thyagaraja, A. Energetics of turbulent transport processes in tokamaks.....	1158
Ghendrih, P. Effect of magnetic collisions on classical and neoclassical transport.....	1162
Yang, T.F., Wang, P.W. Fuel recycle and beam penetration enhancement concepts in tokamaks with asymmetric ripple.....	1163
Weiner, R., Gruber, O., Jardin, S.C., Lackner, K., et al. Numerical simulation of the dynamical plasma evolution of the planned ASDEX-upgrade tokamak.....	1164
Nicolai, A., Börner, P. Selfconsistent modelling of plasma equilibria in tokamaks accounting for the variable magnetization of the iron core.....	1168
Kovrizhnykh, L.M., Shchepetov, S.V., Kostomarov, D.P., Sychugov, D.Y. Topology of magnetic surfaces in a toroidal plasma.....	1172
Beklemishev, A.D., Yurchenko, E.I. Stability of low m modes in a tokamak with a free boundary.....	1176

Beklemishev, A.D., Gribkov, W.M., Pogutse, O.P. Nonlinear and dissipative effects in the "fishbone" oscillations and the spectrum formation in a short wave region.....	1177
Elenin, G.G., Zmitrenko, N.V., Kurdyumov, S.P., Kurkina, E.S., et al. New synergetic properties of diffusion processes in plasma.....	1178
Nalesso, G.F. Non linear analysis of high beta plasmas confined by non ideal anisotropic non homogeneous walls.....	1179
Bondeson, A., Iacono, R., Bhattacharjee, A. Local MHD instabilities of cylindrical plasma with sheared equilibrium flows.....	1180
Zehrfeld, H.P., Grassie, K. Resistive ballooning stability of ASDEX equilibria.....	1184
Elsässer, K., Heimsoth, A. Scaling relations for weakly dissipative plasma equilibria.....	1188
Pegoraro, F., Coppi, B., Detragiache, P. Internal kink modes in the large Larmor radius, long mean free-path regime.....	1192
Pegoraro, F., Porcelli, F., Schep, T.J. Kink modes in the large gyro-radius regime.....	1196
Callen, J.D., Kim, Y.B., Hamnén, H. Moment approach to flows, currents and transport in auxiliary heated tokamaks.....	1200
Itoh, S.I., Itoh, K., Fukuyama, A., Morishita, T. Energy confinement study of ICRF heated plasma in tokamaks.....	1204
Chang, C.T., Hansen, F.R. The effect of electron energy distribution on the ablation rate of a fuelling pellet.....	1208
Dnestrovskij, Yu.N., Zotov, I.V., Kostomarov, D.P., Popov, A.M. Formation of plasma steady states with a separatrix in tokamak.....	1212
Ivanov, N.V., Martynov, D.A., Chudnovskij, A.N. Plasma energy balance simulation in tokamak with the account of magnetic surface destructions.....	1213
Zakharov, L.E., Pereversev, G.V., Semenov, S.B. Poloidal plasma equilibrium under strong magnetic field.....	1214
Brazhnik, V.A., Demchenko, V.V., Dem'yanov, V.G., et al. The current instability dynamics in a plasma containing both ion species.....	1215

Buzhinskii, O.I., Vasilev, N.N., Lukash, V.E., et al. Plasma equilibrium evolution during the pellet injection.....	1219
<u>H. Diagnostics</u>	
Jarvis, O.N., Hone, M., Gorini, G., Kälne, K., Merlo, V. et al. Ion temperature measurements using neutron spectrometry.....	1220
Jarvis, O.N., Hone, M., Källne, J., Sadler, G., van Bell, P. et al. First measurements of neutron emission profiles on JET.....	1224
Källne, J., Batistoni, P., Martone, M., Pillon, M., Podda, S., et al. Studies of tritium burn-up in JET deuterium discharges.....	1228
Sadler, G., Jarvis, O.N., Belle, P.V., Hawkes, N., Syme, B. Observations of fusion reaction gamma-rays in JET.....	1232
Gowers, Ch., Brown, B., Gadd, A., Gadeberg, M., Hirsch, K. et al. First T profile results from the JET Lidar-Thomson scattering system	1236
Morgan, P., O'Rourke, J.J. Visible radiation studies on JET using a multi-chord poloidal array.	1240
Ramette, J., Behringer, K., Denne, B., Griffin, W., Magyar, G. et al. JET XUV spectroscopy: first results.....	1244
Salmon, N.A. Bartlett, D.V., Costley, A.E., Hugon, M. High resolution Te measurements in JET and their application to the study of the edge plasma and density limit disruption.....	1248
Bartlett, D.V., Campbell, D.J., Costley, A.E., Kissel, S., et al. Measurement and analysis of two-dimensional electron temperature profiles in JET using ECE.....	1252
Granetz, R.S., Edwards, A.W., Gill, R.D., Weller, A. Study of MHD phenomena in JET with small-signal X-ray imaging.....	1256
Hellermann, M. von., Boileau, A., Horton, L., Peacock, N. et al. Present results of charge exchange recombination spectroscopy on JET and prospects for future alpha particle diagnostics.....	1260
Jassby, D.L., Hendel, H.W., Barnes, C.W., Cecil, F.E., et al. Fission-detector determination of D-D triton burn-up fraction in beam-heated TFTR plasmas.....	1264
Batistoni, P., Martone, M., Pillon, M., Podda, S., Rapisarda, M. Measurements of triton burn-up in low q discharges in the FT tokamak.....	1268
Tait, G.D., England, A.C., Hendel, H.W. and Strachan, J.D. First results from the TFTR multichannel neutron collimator.....	1271

Höthker, K., Bieger, W., Belitz, H.J. A new method to determine ion temperatures in magnetized plasmas by means of an electrical probe.....	1272
Bay, H.L., Hintz, E., Leismann, P., Rusbüldt, D. First direct measurements of low-Z ion concentrations in TEXTOR using a high current Li-injector.....	1276
Pospieszczyk, A., Ross, G.G. The use of laser ablated particle beams for the measurement of electron temperature profiles in the boundary layer of TEXTOR.....	1280
Larionov, M.M., Levin, L.S., Petrov, Yu.V., Razdobarin, G.T., et al. Measurements of atomic hydrogen density in a plasma of FT-1 tokamak by the resonance fluorescence method.....	1284
Dose, V., Veerbeck, H. On-line plasma diagnostic by neutral atom time of flight analysis.....	1285
McCarthy, P.J. Fast determination of flux surface structure in ASDEX and ASDEX upgrade.....	1286
Schumacher, U., Morsi, H.W., Röhr, H. Investigation on double-crystal arrangements for X-ray plasma spectroscopy.....	1290
Hübner, K., Bätzner, R., Hinsch, H., Hybele, J., Wolle, B. et al. Nuclear emulsion neutron diagnostics at ASDEX.....	1294
Hübner, K., Robouch, B.V., Bätzner, R., Roos, M., Ingrosso, L. et al VINIA and NEPMC code numerical evaluation of neutron scattering for neutron diagnostics on ASDEX.....	1298
Hutter, T., Fois, M., Hoang, G.T. Charge exchange measurements with a doping neutral beam for TORE SUPRA.....	1302
Millot, P., Simonet, F. A broadband microwave reflectometer for TORE SUPRA.....	1303
Rodriguez, L., Laurent, L., Talvard, M. ECE diagnostic on TORE SUPRA.....	1304
Simonet, F. Application of enhanced scattering near the cutoff layer to localize drift wave.....	1305
Nagayama, Y., Asakura, N., Tsuji, S. Soft X-ray tomography of mode structures during disruptions in JIPP T-II and TNT-A tokamaks.....	1306

Luhmann, N.C.Jr., Howard, J., Doyle, E.J., Peebles, W.A. Two dimensional imaging interferometry on the microtor tokamak.....	1310
Brower, D.L., Peebles, W.A., Kim, S.K., Luhmann, N.C. Jr. Far-infrared scattering measurements of density fluctuations in the TEXT tokamak.....	1314
Weisen, H., Behn, R., Pochelon, A., Hollenstein, Ch., Simm, W.C. Turbulent density fluctuations in the TCA tokamak.....	1318
Manso, M.E., Mendonça, J.T., Serra, F.M. Microwave reflectometer method for the measurement of lower hybrid density fluctuations in a tokamak.....	1322
Pérez Navarro, A., Anabitarte, E., Bustamante, E.G., TJ-I Group et al. Plasma density measurements on TJ-I tokamak with a swept microwave reflectometer in q-band.....	1326
Hutchinson, I.H. Ion collection by probes in strong magnetic fields with plasma flow..	1330
Lisitano, G. Particle density perturbation measurements with schlieren.....	1334
Vasin, N.L., Chistyakov, V.V. Hollow density profile $n_e(r)$ in a stationary stage of discharge in tokamak.....	1338
P.S. Keilhacker, M., Bishop, C.M., Cordey, J.G., Muir, D.G., Watkins, M.L. H-Mode confinement in JET .....	1339