

References

- [Ball et al., 2012] Ball, S., Duran, I., Grover, O., Gryaznevich, M., Kocman, J., Kovarik, K., Markovic, T., Odstrcil, M., Odstrcil, T., Ruzickova, T., Stockel, J., V., S., and Vondrasek, G. (2012). First results from tests of high temperature superconductor magnets on tokamak. In *Europhysics Conference Abstracts. 39th EPS Conference on Plasma Physics* (online: <http://ocs.ciemat.es/epsicpp2012pap/pdf/P2.052.pdf>), volume 36F.
- [Bromova et al., 2011] Bromova, E., Duran, I., Grover, O., Kocman, J., Markovic, T., Odstrcil, M., Odstrcil, T., Pluhar, O., Stockel, J., Svoboda, V., Sindlery, A., Vondrasek, G., and Zara, J. (2011). The GOLEM Tokamak for Fusion Education . In *Europhysics Conference Abstracts. 38th EPS Conference on Plasma Physics* (online: <http://ocs.ciemat.es/EPS2011PAP/pdf/P1.021.pdf>), volume 35G.
- [Duban, 2016] Duban, R., F. O. G. O. J. K. L. B. O. T. S. J. S. V. V. G. (2016). Tokamak GOLEM for fusion education - chapter 7 . In *Europhysics Conference Abstracts. 43th EPS Conference on Plasma Physics* (online: <http://ocs.ciemat.es/EPS2016PAP/html/contrib.html>), volume 40A of *europhysics conference abstracts*.
- [Grover et al., 2016] Grover, O., Kocman, J., Odstrcil, M., Odstrcil, T., Matusu, M., Stockel, J., Svoboda, V., Vondrasek, G., and Zara, J. (2016). Remote operation of the GOLEM tokamak for fusion education. *Fusion Engineering and Design*, 112:1038–1044.
- [Gryaznevich et al., 2015] Gryaznevich, M., Oost, G. V., Stöckel, J., Kamendje, R., Kuteev, B., Melnikov, A., Popov, T., Svoboda, V., and Teams, T. I. C. (2015). Contribution to fusion research from iaea coordinated research projects and joint experiments. *Nuclear Fusion*, 55(10):104019.
- [Gryaznevich et al., 2013] Gryaznevich, M., Svoboda, V., Stockel, J., Sykes, A., Sykes, N., Kingham, D., Hammond, G., Apte, P., Todd, T., Ball, S., Chappell, S., Melhem, Z., Duran, I., Kovarik, K., Grover, O., Markovic, T., Odstrcil, M., Odstrcil, T., Sindlery, A., Vondrasek, G., Kocman, J., Lilley, M., de Grouchy, P., and Kim, H.-T. (2013). Progress in application of high temperature superconductor in tokamak magnets. *Fusion Engineering and Design*, 88(9-10):1593 – 1596.
- [Hernandez-Arriaga et al., 2013] Hernandez-Arriaga, D., Brotankova, J., Grover, O., Kocman, J., Markovic, T., Odstrcil, M., Odstrcil, T., Ruzickova, T., Stockel, J., Svoboda, V., and Vondrasek, G. (2013). Tokamak GOLEM for fusion education - chapter 4 . In *Europhysics Conference Abstracts. 40th EPS Conference on Plasma Physics* (online: <http://ocs.ciemat.es/EPS2013PAP/pdf/P2.410.pdf>), volume .
- [Istokskaya et al., 2018] Istokskaya, V., Shkut, M., Cerovsky, J., Farnik, M., Grover, O., Hudec, L., Macha, P., Krbec, J., Svoboda, V., Stockel, J., and Adamek, J. (2018). Tokamak golem for fusion education - chapter 9. volume 2018-July, pages 261–264. cited By 0.
- [Markovic et al., 2015] Markovic, T., Gryaznevich, M., Duran, I., Svoboda, V., and Panek, R. (2015). Development of 3d ferromagnetic model of tokamak core with strong toroidal asymmetry. *Fusion Engineering and Design*, 96-97:302–305.
- [Markovic et al., 2013] Markovic, T., Gryaznevich, M., Duran, I., Svoboda, V., and Vondrasek, G. (2013). Evaluation of applicability of 2d iron core model for two-limb configuration of GOLEM tokamak. *Fusion Engineering and Design*, 88(6-8):835 – 838.
- [O. Ficker, 2014] O. Ficker, O. Grover, J. K. J. K. V. L. T. M. M. J. S. V. S. J. V. G. V. (2014). Tokamak GOLEM for fusion education - chapter 5 . In *Europhysics Conference Abstracts. 41th EPS Conference on Plasma Physics* (online: <http://ocs.ciemat.es/EPS2014PAP/pdf/P4.141.pdf>), volume 38F.
- [Odstrcil et al., 2012] Odstrcil, T., Odstrcil, M., Grover, O., Svoboda, V., Duran, I., and Mlynar, J. (2012). Low cost alternative of high speed visible light camera for tokamak experimentsa). *Review of Scientific Instruments*, 83(10):–.
- [Svihra et al., 2018] Svihra, P., Bren, D., Casolari, A., Cerovsky, J., Dhyani, P., Farnik, M., Ficker, O., Havranek, M., Hejtmank, M., Janoska, Z., Kafka, V., Kulhanek, P., Linhart, V., Macusova, E., Marcisovska, M., Marcisovsky, M., Mlynar, J., Neue, G., Novotny, L., Svoboda, V., Tomasek, L., Urban, J., Vancura, P., Varju, J., Vrba, V., and Weinzettl, V. (2018). Runaway electrons diagnostics using segmented semiconductor detectors. *Fusion Engineering and Design*.
- [Svoboda et al., 2012] Svoboda, V., Duran, I., Grover, O., Gryaznevich, M., Kocman, J., Kovarik, K., Markovic, T., Odstrcil, M., Odstrcil, T., and Stockel, J. (2012). Recent results from GOLEM tokamak. 'Indeed, you can teach an old dog some new tricks. . In *Europhysics Conference Abstracts. 39th EPS Conference on Plasma Physics* (online: <http://ocs.ciemat.es/epsicpp2012pap/pdf/P2.059.pdf>), volume 36F.

- [Svoboda et al., 2016] Svoboda, V., Dvornova, A., Dejarnac, R., Prochazka, M., Zaprianov, S., Akhmethanov, R., Bogdanova, M., Dimitrova, M., Dimitrov, Z., Grover, O., Hlavata, L., Ivanov, K., Kruglov, K., Marinova, P., Masherov, P., Mogulkin, A., Mlynar, J., Stockel, J., and Volynets, A. (2016). Remote operation of the golem tokamak with hydrogen and helium plasmas. *Journal of Physics: Conference Series*, 768(1).
- [Svoboda et al., 2015a] Svoboda, V., Ficker, O., Dimitrova, M., Grover, O., Kocman, J., Krbec, J., Löffelmann, V., Matěna, L., Stöckel, J., and Vondrášek, G. (2015a). Tokamak golem for fusion education - chapter 6. In *42nd European Physical Society Conference on Plasma Physics*, Mulhouse, FR.
- [Svoboda et al., 2011] Svoboda, V., Huang, B., Mlynar, J., Pokol, G., Stockel, J., and Vondrasek, G. (2011). Multi-mode Remote Participation on the GOLEM Tokamak. *Fusion Engineering and Design*, 86(6-8):1310–1314.
- [Svoboda et al., 2015b] Svoboda, V., Kocman, J., Grover, O., Krbec, J., and Stockel, J. (2015b). Remote operation of the vertical plasma stabilization @ the GOLEM tokamak for the plasma physics education. *Fusion Engineering and Design*, 96-97:974–979.
- [Svoboda et al., 2013] Svoboda, V., Odstrčil, M., Odstrčil, T., and Grover, O. (2013). Blind spectral unmixing and ion lines clustering of low resolution spectra based on non-negative matrix decomposition”. In *8th Workshop on Fusion Data Processing, Validation and Analysis*, Ghent.
- [Svoboda et al., 2010] Svoboda, V., r, J. M., Pokol, G., Réfy, D., ockel, J. S., and sek, G. V. (2010). Former Tokamak CASTOR becomes remotely controllable GOLEM at the Czech Technical University in Prague . In *Europhysics Conference Abstracts. 37th EPS Conference on Plasma Physics (online: <http://ocs.ciemat.es/EPS2010PAP/pdf/P2.111.pdf>)*, volume 34A.
- [Svoboda and Stöckel, 2011] Svoboda, V. and Stöckel, J. (2011). Tokamak GOLEM Remotely for Worldwide Fusion Education. In *Proceedings: SEFI - PTEE 2011*, pages –, Mannheim. Hochschule Mannheim - University Of Applied Sciences.
- [Svoboda et al., 2019] Svoboda, V., Zhekova, M., Dimitrova, M., Marinova, P., Podolník, A., and Stockel, J. (2019). Operational domain in hydrogen plasmas on the golem tokamak. *Journal of Fusion Energy*.