

Selected publications of Hajnal Miklós

Hajnal Miklos, Dr. Kakasy Gyula: Automatization of the processes of silicate industry. Coursebook Publ. Co., Budapest, 1974. 350 p. (in Hungarian)

Hajnal Miklos: Control experiments on a glass furnace at Oroshaza Glasswork. Study for Research Institute of Silicate Industry (SZIKKTI), No. SZT 42/75, Budapest, 1975. 124 p. (in Hungarian)

Hajnal, M. et al.: Analysis of introduction conditions of computer process control. Study for National Committee for Technological Development (NCTD), No. 14-740 ET, Budapest, 1976, 185 p. (in Hungarian)

Koczy, L., *Hajnal, M.*: A New Attempt to Axiomatize Fuzzy Algebra with an Application Example. Problems of Control and Information Theory, Vol. 6., No. 1. (1977), pp. 47-66.

Hajnal, M., Lovanyi, I.: Interfacing data acquisition computer to process instrumentation. Measurement and Control, Vol. 25., No. 3. (1977), pp. 81-86. (in Hungarian)

Hajnal, M., Vajta, L.: Common mode noise rejection of analog input unit of a process control computer. Measurement and Control, Vol. 25., No. 9. (1977), pp. 321-325. (in Hungarian)

Hajnal M. et al.: A survey and trends of data acquisition. Study for National Committee for Technological Development (NCTD), No. 14-7604 ET, Budapest, 1978, 186 p. (in Hungarian)

Hajnal, M., Revesz, Gy.: Analysis of Man - Machine Relation in Process Control Systems. Measurement and Control, Vol. 27., No. 8. (1979), pp. 302-311. (in Hungarian)

Hajnal, M. et al.: Co-ordination of research&development and licensing of automation elements and systems. Study for National Committee for Technological Development (NCTD), No. 14-7702 IT, Budapest, 1979, 115 p. (in Hungarian)

Hajnal, M. et al.: Analysis of international co-operation on application of computer process control. Study for National Committee for Technological Development (NCTD), No. 14-7708 ET, Budapest, 1979, 126 p. (in Hungarian)

Hajnal, M., Revesz, Gy.: Learning Aspects of Interactive Control Systems. In: Measurement and Control (Proc. of MECO'78, Athens), Acta Press, Anaheim, Calgary, Zürich, 1979, Vol. 3., pp. 876-882.

Hajnal, M. et al.: Advanced solutions and equipment for automation of measurement. Study for National Committee for Technological Development (NCTD), No. 14-7405 ET, Budapest, 1979, 119 p. (in Hungarian)

Hajnal, M., Könyves-Toth M., Réti T.: Quality Control in Metallurgy by Texture Analysis. In: Digital Computer Applications to Process Control, North Holland Publ. Co. Amsterdam, New York, Oxford, 1980, pp. 291-300.

Hajnal, M. et al.: Application of CRT displays in dispatcher centres of electrical distribution networks. Study for Hungarian Electrical Works, No. KDSz-02 VEIKI, Technical University of Budapest (TUB), Budapest, 1980, 376 p. (in Hungarian)

Hajnal, M., Lovanyi, I., Vajta, I.: Visual Measurement in Industrial Research (GENOS Computerized Measuring System). In: Measurement for Progress in Science and Technology (Proc. 8th IMEKO Congress, Moscow, 1979), North Holland Publ. Co., Amsterdam, New York, Oxford, 1980, pp. 559-570.

Hajnal, M. et al.: Computerized Area (Geodetic) Information System. Study for Mátra-Eger-Bükk Executive Committee, Technical University of Budapest (TUB), Budapest, 1980, 39 p. (in Hungarian)

Hajnal, M., Konyves-Toth, M., Reti, T.: Quality Control in Metallurgy by Texture Analysis. In: Digital Computer Application to Process Control. (Proc. 6th IFAC/IFIP International Conference, Düsseldorf, 1980), Pergamon Press, Oxford, New York, Toronto, Sydney, Paris, Frankfurt, 1981, pp. 291-300.

Hajnal, M. et al.: Microprocessor system for reception and transmission of satellite information, including image processing. Study for National Meteorological Service, Technical University of Budapest (TUB), Budapest, 1981, 53 p. (in Hungarian)

Hajnal, M., Koczy, L.: An Interactive Fuzzy Approach to Texture Recognition. In: Fuzzy Information and Decision Processes. North Holland Publ. Co., Amsterdam, New York, Oxford, 1982, pp. 149-153.

Hajnal, M., Konyves-Toth, M., Reti, T.: Testing and Quality Control of Materials by Microstructure Analysis. In: Technological and Methodological Advances in Measurement, Academic Press, Budapest, 1983, pp. 282-292.

Hajnal, M.: Hardware of Process Control Computers. In: Control of Technological Processes, Technological Press, Budapest, 1983, pp. 60-94. (in Hungarian)

Dr. Hajnal, M.: Programmable Control Systems. Technological Publishing Co., Budapest, 1984, 356 p. (in Hungarian)

- Hajnal, M.*: Robot Sensors with Applications. Lecture notes for UNIDO International Robot Seminar, Budapest, 1985, 39 p.
- Hajnal, M.*: Future trends in robot technology. National Technological Information Centre and Library (OMIKK), Budapest, 1985, 152 p.
- Dr. Hajnal, M. et al.*: Application of industrial robots and development trends in Hungary. Study for National Committee for Technological Development (NCTD), No. 18-9654 ET, Budapest, 1986, 127 p. (in Hungarian)
- Hajnal, M. et al.*: Application of industrial robots and development trends in Hungary. Study for National Committee for Technological Development (NCTD), No. 18-9654 ET, Budapest, 1986, 127 p. (in Hungarian)
- Hajnal, M. et al.*: Application of robots in agriculture. Study for National Committee for Technological Development (NCTD), No. 18-9643 ET, Budapest, 1988, 123 p. (in Hungarian)
- Hajnal, M., Lovanyi, I., Nagy, A.*: TEXYS: A Real-Time Picture Processing System for On-Line Quality Control. In: Condition Monitoring and Diagnostic Engineering Management, Chapman and Hall Publ. Co., London, New York, Tokyo, Melbourne, Madras. 1990, pp. 426-431.
- Hajnal, M.*: Automation. Trends and finance of R&D activity in developed countries. National Technological Information Centre and Library (OMIKK), Budapest, 1993, 62 p.
- Papp, Z., *Hajnal, M.*: Quality Assurance in Carcinogenicity Studies. In: Planned Maintenance, Reliability and Quality Assurance, Cambridge, PAVIC Publications, Sheffield-Hallam University, 1995, pp. 133-137.
- Hajnal, M.*: Model-based Fault Diagnosis. University Textbook, Gerhard Mercator Universitat, Duisburg, 1995 (85 p.)
- Hajnal, M.*: Knowledge-based Fault Diagnosis. University Textbook, Heriot-Watt University, Edinburgh, 1996 (82 p.)
- Hajnal M. ed.*: Quality Management in Electrical Engineering. University Textbook, Budapest, 1997, 548 p. (in Hungarian)
- Hajnal, M.*: Model-based and Knowledge-based Fault Diagnosis (A Survey). Preprints of TEMPUS S_JEP 07759-94 - MODIFY Symposium on Qualitative System Modeling, Qualitative Fault Diagnosis and Fuzzy Logic and Control, Budapest - Miskolc, 1997, pp. 28-42.
- Dr. Hajnal, M. et al.*: Quality Systems Manuals for Hungarian Small and Medium Enterprises. Veszprem-Budapest, 1998. (in Hungarian)
- Dr. Hajnal M.*: Quality Manual: General supplier's requirements and specific requirements of electronic industry. Budapest-Veszprem-Szekesfehervar, 1999. (in Hungarian)
- Hajnal, M. et al.*: Quality Systems Manuals for Hungarian Small and Medium Enterprises. Veszprem-Budapest, 1998-1999. (in Hungarian)
- Papp, Zs., *Hajnal, M., Szilbereky, J.*: Experiential Issues of QA at a Pharmaceutical R&D Company. Proc. 9th World Congress on Total Quality. (8-10 January 1999, Hotel Oberoi Towers, Mumbai, India)
- Hajnal M.*: Quality Manual: General supplier's requirements and specific requirements of electronic industry. Budapest-Veszprem-Szekesfehervar, 1999. (in Hungarian)
- Hajnal M. P., Papp Zs.*: Development of integrated management systems in health care. Proc. of VIII-th Conference of ISO 9000 Forum of Hungarian Certified Firms (Balatonfured, September 12-15, 2001)
- Hajnal M., Hollo J., Papp Zs., Laborcz K.*: Experiences of introduction of integrated systems (QMS, EMS) in health care. Proc. of X-th. Quality Weeks of Hungarian Quality Society (Budapest, November 5-8, 2001)
- Dr. Hajnal M.*: Quality Manual for EUROPTIK Microoptical Ltd (ISO 9001, ISO 14001). Budapest, 2002. (84 p.) (in Hungarian)
- Dr. Hajnal Miklós Pal*: Development of integrated management systems in healthcare. New ISO 9000 – New Practice. Proc. of IX-th Conference of Certified Firms. (Balatonfured, 2002. September 12-14). (in Hungarian)
- Dr. Hajnal Miklos Pal et al.*: Integration of quality management and HAS at St John Hospital. Hungarian Quality vol. XIII. No. 10. 2004. October. pp.12-16. (HU ISSN 1416-9576) (in Hungarian)
- Dr. Hajnal Miklos Pal*: A way to the safety of healthcare: Integrated quality management system. Korhaz (Hospital) vol. XI., 2004. October. pp. 44-45. (ISSN 0230-3868) (in Hungarian)
- Dr. Hajnal Miklos Pal*: Introduction of AdWare^{Q1} Development & Consulting Ltd. Egeszsegugyi Menedzsment (Healthcare Management) vol.VI. No. 1. 2004. January-February. (ISSN 1585-0854) (in Hungarian)

Dr. Hajnal Miklos Pal: Application chances and pitfalls of integrated management systems in healthcare. *Informatika es Menedzsment az Egyszegugyben (IME)* (Informatics and Management in Healthcare) vo. IV. No. 9. 2005. December, p.30-36. (ISSN 1588-6387) (in Hungarian)

Dr. Hajnal Miklos Pal: Quality development: beginning of a new age. *Othonapolas (Home care)* vol. I. No. 5. 2005 November-December p.14-16. (in Hungarian)

Dr. Hajnal Miklos Pal: Quality centered management in the social and healthcare institutions. *Szociális Menedzser (Social Manager)* vol. 7. No. 6/2005, p.56-61. (ISSN 1585-809X) (in Hungarian)

Dr. Moizs Mariann, *Dr. Hajnal Miklos*, Dr. Kovacs Katalin, Csomor Miklosne: Development of integrated (QMS, EMAS, HAS, OHSAS) quality management system at the Hospital of Baranya County. Proc. of V-th Healthcare Quality Days in Debrecen (DEMIN V.), Debrecen, 2005. p.69-74. (in Hungarian)

Dr. Hajnal Miklos Pal: Quality management in the healthcare. Editor: Roth Andras, lector: Varga Lajos): ISO 9000:2000 quality system. Actual guideline for quality experts. Chap. 12.7. Verlag Dashofer Publishing House, Budapest, 2004. (in Hungarian)

Dr. Hajnal Miklos Pal: Quality development programme for ortopaedic shoemakers. Proc. of VI-th Healthcare Quality Days in Debrecen (DEMIN VI.), Debrecen, 2006. p. 243-254. (in Hungarian)

Dr. Hajnal Miklos Pal: Standards, directives and protocols for social and child care services. Guidelines. NCsSzl (National Family and Social Care Institute), Budapest, 2006. (in Hungarian)

Dr. Hajnal Miklos Pal: Application experiences of HAS and OAS standards. Proc. of VII-th Healthcare Quality Days in Debrecen (DEMIN VII.), Debrecen, 2007 pp. 219-228. (in Hungarian)

Dr. Hajnal Miklos Pal: Specific problems of quality development in social care. SZMI (Institute for Social Policy and Labour), Study, No.:401120/3, 2007. (in Hungarian)

Dr. Hajnal Miklos Pal: Particular questions of quality development of social care – compared with the similar activity in healthcare. *Kapocs (Tie)*, Vol. VII. No 3., 2008. June, pp. 10-19. (in Hungarian)

Dr. Hajnal Miklos Pal: Human (healthcare and social) services. Editor: Dr. Roth Andras: The new ways of quality development. Quality in the information society. Chap. 7.6. Verlag Dashofer Publishing House, Budapest, 2011. (in Hungarian)

Dr. Hajnal Miklos Pal: Bukk-MAK LEADER Interlinked Green Energy Commune in Hungary. In: Examples from across Europe Supporting SMEs in Green Energy. Proc. Intelligent Europe Prometheus. Paris, 2011.

Dr. Hajnal Miklos Pal: Information safety in the outpatient care. Proc. of the XII-th Healthcare Quality Days in Debrecen (DEMIN 2011), Debrecen, 2011 (in Hungarian)

Dr. Hajnal Miklos Pal: Opportunities of tele-health services in the social and healthcare spheres. 2013

Dr. Hajnal Miklos Pal: Relations of the quality-of-services and the information protection at the patient safety in the home special care. MOHE XVII. Congress on Home Special Care, 2015 (08.10.)

Dr. Hajnal Miklos Pal: Transformation of former Quality Management Systems into the systems based on ISO 9001:2015 requirements. 2017