

基于相位旋转的SCMA码本优化方法

Translated title of the contribution: : SCMA codebook optimization method based on phase rotation

Shao, K., Zhou, B., Wang, G. & Yu, B., 2018, In : *Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics*. 40, 10, p. 2354-2362 9 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Обзор параметрических методов позиционирования на основе концепции отпечатка пальца

Translated title of the contribution: : A Survey of Parametric Fingerprint-Positioning Methods

Müller, P., Raitoharju, M., Ali-Löyty, S., Wirola, L. & Piche, R., 2016, In : *Giroskopiya I Navigatsiya*. 24, 1, p. 3-35

Research output: Contribution to journal › Review Article › Scientific › peer-review

Yliopistomatematiikan sähköisten tehtävien ja matemaattisen ajattelun kehittäminen

Myllykoski, T. J., Mattila, P., Ali-Löyty, S., Kaarakka, T. & Viro, E., 2018, In : *FMSERA Journal*. 2, 1, p. 46-56 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Wood compression model for radial compression of earlywood and latewood

Moilanen, C., Björkqvist, T. & Saarenrinne, P., 2015, *Proceedings of the XII Finnish Mechanics Days*. Rakenteiden Mekaniikan Seura ry, p. 261-266 6 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Wirelessly powered implantable system for wireless long-term monitoring of intracranial pressure

Khan, M. W. A., Björninen, T., Sydänheimo, L. & Ukkonen, L., 1 Mar 2017, *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE, p. 122-124

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Wireless Authentication using OPACITY Protocol

Petrov, V., Bezzateev, S. & Zybin, V., 2015, *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, p. 253-258

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Winner-Does-Not-Take-All: Selective Attention and Local Bias in Platform-Based Markets

Huotari, P., Järvi, K., Kortelainen, S. & Huhtamäki, J., Jan 2015, *Academy of Management Proceedings: Meeting Abstract Supplement*. Academy of Management, (Academy of Management. Annual Meeting Proceedings).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Why don't one maximizes database utilization in product and service development in manufacturing?

Väyrynen, H. & Manu, M., 7 Jun 2017, *Proceedings of the 12th International Forum on Knowledge Asset Dynamics 2017: St. Petersburg, Russia, 7-9 June 2017*. St. Petersburg, Russia, p. 93-105 13 p. (Proceedings IFKAD).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Who is who in Big Social Data? A Bibliographic Network Analysis Study

Jussila, J., Menon, K., Gupta, J. & Kärkkäinen, H., 3 Jul 2017, *Proceedings of the 4th European Conference on Social Media ECSM 2017*. Reading, UK: Academic Conferences and Publishing International Limited, Vol. 4. p. 161-169

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

White Knights of the Smart City

Kymäläinen, T., Sahar, F. & Palviainen, J., 2014, *Workshop Proceedings of the 10th International Conference on Intelligent Environments*. Augusto, JC. & Zhang, T. (eds.). IOS Press, p. 223-234 12 p. (Ambient Intelligence and Smart Environments; vol. 18).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

What's inside a rubble pile asteroid? DISCUS - A tomographic twin radar Cubesat to find out

Bambach, P., Deller, J., Martel, J., Vilenius, E., Goldberg, H., Sorsa, L.-I., Pursiainen, S., Takala, M., Wurster, A., Braun, H. M., Lentz, H., Jutzi, M., Wittig, M., Chitu, C. C., Ritter, B. & Karatekin, O., 2018, *69th International Astronautical Congress, IAC 2018*. (Proceedings of the International Astronautical Congress, IAC).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

What Engineering Scientists Know and How They Know It: Towards Understanding the Philosophy of Engineering Science in Finland

Naukkarinen, J., 20 Nov 2015, Tampere University of Technology. 205 p. (Tampere University of Technology. Publication; vol. 1344)

Research output: Book/Report › Doctoral thesis › Monograph

Web-user-interface system utilizing rhmei and open data for a water quality analyzer

Sillberg, P., Veessommai, C., Soini, J. & Jaakkola, H., 2017, *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases, EJC 2017: June 5-9, 2017, Krabi, Thailand*. Sornlertlamvanich, V., Chawakitchareon, P., Hansuebsai, A., Koopipat, C., Kiyoki, Y., Kangassalo, H., Thalheim, B. & Yoshida, N. (eds.). Sirindhorn International Institute of Technology, Thammasat University, Thailand, p. 444-451 8 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Web User Interface Implementation Technologies: An Underview

Taivalsaari, A., Mikkonen, T., Systä, K. & Pautasso, C., 5 Sep 2018, *14th International Conference on Web Information Systems and Technologies*. SCITEPRESS, p. 127-136 10 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Water services heritage and institutional diversity

Katko, T. S., Juuti, P., Pietilä, P. & Rajala, R., 2015, *Water and Heritage: material, conceptual and spiritual connections*. Willems, W. & van Schaik, H. (eds.). Sidestone Press

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Voimalaitosten reaaliaikainen ympäristövaikutusten monitorointi

Majanne, Y., Korpela, T., Judl, J., Koskela, S., Laukkanen, V., Häyrynen, A. & Salminen, O., 2015, *Automaatio XXI seminaari*. Jämsä-Jounela, S-L. (ed.). Suomen Automaatioseura, p. 1-6 6 p. (SAS julkaisusarja; no. 44).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Visual tools to support innovation development: User experiences from the Parisian ecosystem

Russell, M. G., Still, K. & Huhtamäki, J. V., 10 Jun 2015, *Proceedings of the International Forum on Knowledge Asset Dynamics, 10-12 June 2015, Bari, Italy: IKFAD 2015*. Institute of Knowledge Asset Management & Arts for Business Institute, 14 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Visual narratives in the value chain of new management accounting knowledge

Nyuppieva, E., Laine, T. & Lyly-Yrjänäinen, J., 2016, *10th Conference On New Directions In Management Accounting: Brussels, Belgium, December 14-16, 2016*.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

VisualLabel: An Integrated Multimedia Content Management and Access Framework

Ahmad, I., Rantanen, P., Sillberg, P., Laaksonen, J., Liu, S., Forss, T., Malik, A., Nieminen, M., Shetty, R., Ishikawa, S., Kallio, J., Saarinen, J. P., Gabbouj, M. & Soini, J., 2017, *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases, EJC 2017: June 5-9, 2017, Krabi, Thailand*. p. 332-353 22 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Visual Data Mining in Software Repositories: A Survey

Eteläaho, A., Soini, J., Jaakkola, H. & Mattila, A-L., Jun 2017, *The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases*. Sornlertlamvanich, V., Chawakitchareon, P., Hansuebsai, A., Koopipat, C., Kiyoki, Y., Jaakkola, H., Thalheim, B. & Yoshida, N. (eds.). Sirindhorn International Institute of Technology, Thammasat University, Thailand, p. 367-385

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Vision-based path coordination for multiple mobile robots with four steering wheels using an overhead camera

Ziaei, Z., Oftadeh, R. & Mattila, J., 1 Jul 2015, *IEEE International Conference on Advanced Intelligent Mechatronics (AIM), 2015*. p. 261-268 8 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Visibility-Aware Part Coding for Vehicle Viewing Angle Estimation

Yang, D., Qian, Y., Cai, D., Yan, S., Kämäräinen, J-K. & Chen, K., 1 Aug 2019, *9th International Conference on Information Science and Technology, ICIST 2019*. IEEE, p. 65-70 6 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Vibration analysis of the composite slim floor

Yrjölä, J., Peltonen, S. & Malaska, M., 2014, *EUROSTEEL 2014 : 7th European Conference on Steel and Composite Structures, 10.-12.9.2014, Naples, Italy*. Landolfo, R. & Mazzolani, F. (eds.). Belgium: ECCS - European Convention for Constructional Steelwork, 6 p. 33-494

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Vesi, ongelma ennen ja nyt?

Juuti, P., May 2017, In : *Ympäristöhistoria: Finnish Journal of Environmental History*. 2017, 1, p. 54-65

Research output: Contribution to journal › Review Article › Scientific › peer-review

Vesihuollon instituutiot vaativat taitavaa jalkapallopeliiä

Translated title of the contribution: : Water services institutions require skilful soccer playing

Inha, L., Katko, T. S. & Rajala, R., Jun 2019, In : *Rakennustekniikka*. 75, 3, p. 38-40 3 p.

Research output: Contribution to journal › Article › Professional

Ventilation rates and CO2-levels before and after energy retrofit in Finnish apartment buildings

Leivo, V., Aaltonen, A., Turunen, M., Du, L., Kiviste, M. & Haverinen-Shaughnessy, U., 2016, *CLIMA 2016 - Proceedings of the 12th REHVA World Congress. Aalborg. Aalborg University. Department of Civil Engineering. : Volume 1. Building Retrofit*. Kvoles Heiselberg, P. (ed.). Aalborg: Aalborg university, Department of Civil Engineering, Vol. 1. 192 (in vol 1)

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Vehicle Mass Estimation for Hydraulic Drive System using Longitudinal Motion Model

Ahopelto, M., Krogerus, T. & Huhtala, K., May 2015, *The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15*. Tampere University of Technology. Department of Intelligent Hydraulics and Automation, p. 433-442 10 p. (The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Varmuuden kohdentaminen geotekniikassa, miten Eurokoodeja voisi kehittää?

Länsivaara, T., 2015, *Geotekniikan päivä 2015*. SGY

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

Value Creation in Private Equity: A Case Study of Outperforming Buyouts in the Nordic Countries

Hannus, S., 24 Oct 2015, Tampere University of Technology. 180 p. (Tampere University of Technology. Publication; vol. 1328)

Research output: Book/Report › Doctoral thesis › Monograph

Valtion tukemien homekorjaushankkeiden arviointi -jatkotutkimus (HKPro 3)

Annala, P., Marttila, T., Kero, P., Suonketo, J. & Pentti, M., 11 Mar 2015, *Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015*. Säteri, J. & Ahola, M. (eds.). Juva, Vol. Sisäilmayhdistys raportti 33. p. 107-112 6 p. (Sisäilmayhdistys).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Valtion tukemien homekorjaushankkeiden arviointi (HKPro 2)

Marttila, T., Suonketo, J., Kero, P., Annala, P. & Pentti, M., 11 Mar 2015, *Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015: Sisäilmastoseminaari*. Säteri, J. & Ahola, M. (eds.). Juva, Vol. Sisäilmayhdistys raportti 33. p. 101-106 6 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Valkea kaupunki, mustat vedet

Juuti, P. & Rajala, R., 2017, In : *Vesitalous*. 2017, 1, p. 15-17 3 p.

Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation

Ilomets, S., Kalamees, T. & Lahdensivu, J., 2016, *CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future*. Czech Technical University in Prague, p. 1113-1120 8 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Validating information security framework for offloading from LTE onto D2D links

Orsino, A. & Ometov, A., 6 Sep 2016, *Proceedings of the 18th Conference of Open Innovations Association FRUCT and Seminar on Information Security and Protection of Information Technolog, FRUCT-ISPIT 2016*. IEEE COMPUTER SOCIETY PRESS, p. 241-247 7 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Vaihdetta isommalle: Pyöräilyn potentiaalin hyödyntäminen

Metsäpuro, P., Vaismaa, K., Karhula, K., Luukkonen, T., Mäntynen, J. & Rantala, T., 2014, Tampere: Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. 145 p.

Research output: Book/Report › Commissioned report › Professional

Uusi Rakennusfysiikan käsikirja - perustiedot rakennusfysikaalisesta suunnittelusta ja tutkimuksista

Vinha, J., 20 Oct 2015, *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Vinha, J. & Ruuska, T. (eds.). Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, p. 115-120 6 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Uusi Rakennusfysiikan käsikirja

Vinha, J., 2015, *Sisäilmastoseminaari 2015*. p. 167-172 6 p. (Sisäilmastoyhdistys raportti; no. 33).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Uusia tuulia Euroopasta

Lehtovuori, P., 2015, *Asukkaan ehdoilla: moninaisuutta asumamuotoihin*. Helsinki: Rakennustieto Oy, p. 42-59 18 p.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Uudet arkkitehtoniset ratkaisumallit muuttavat kampuksen ilmettä

Translated title of the contribution: : Novel architectural solutions change campus design

Poutanen, J., Peltoniemi, S. & Pihlajarinne, N., Mar 2015, *Oppiva kampus: How to co-create campus?*. Nenonen, S., Kärrnä, S., Junnonen, J.-M., Tähtinen, S. & Sandström, N. (eds.). Tampere: Suomen Yliopistokiinteistöt Oy, p. 72-93 22 p.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja

Vinha, J., Hedman, M., Sirén, K., Harsia, P., Pentti, M., Teriö, O., Heljo, J., Laukkarinen, A., Annala, P., Kaasalainen, H., Jokisalo, J. & Pihlajamaa, P., 20 Oct 2015, *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere*. Vinha, J. & Ruuska, T. (eds.). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, p. 487-496 10 p. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; no. 4).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Utilizing knowledge networks in virtual or augmented reality solution creation

Vanhalakka, J., Ilvonen, I. & Väätäjä, H., 2017, *Proceedings of the 18th European Conference on Knowledge Management ECKM 2017: 7-8 September 2017, Barcelona, Spain*. Marimon, F., Mas-Machuca, M., Berbegal-Mirabent, J. & Bastida, R. (eds.). Academic Conferences and Publishing International, p. 1008-1014 7 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Using context overlays to analyse the role of a priori information with Process Mining

Pileggi, P., Rivero Rodriguez, A. & Nykänen, O., 2015, *2015 IEEE International Systems Conference (SysCon 2015) Proceedings*. Vancouver, BC, Canada: IEEE, p. 639-644 6 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Using a synthetic probe to study the robustness of the segregation process of protein aggregates in Escherichia coli
Ribeiro, A. & Oliveira, S., 26 Jun 2016, *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA, p. 21-22
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

User experience in technology investment decisions of industrial firms

Sundberg, H-R. & Seppänen, M., 10 Jun 2015, *22nd Innovation & Product Development Management Conference, IPDMC*. Copenhagen: EIASM
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

User-driven development with scientific applied research - RFID-controlled physiogame case study

Merilampi, S., Ihanakangas, V. & Virkki, J., 1 Sep 2019, *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, p. 167-170 4 p.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Use of high-order beams to calibrate spatial light modulators for microscopy

Turquet, L., Kauranen, M. & Bautista, G., 2016. 1 p.
Research output: Other conference contribution › Paper, poster or abstract › Scientific

Use of equipment lifecycle data in industrial services

Ocaña Flores, M. & Martinsuo, M., Sep 2015, *RESER 2015: 25th Annual RESER Conference*. Copenhagen: RESER European Association for Research on Services, 20 p.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Upper bound and approximation of random access throughput over chase combining HARQ

Burkov, A., Matveev, N., Turlikov, A., Bulanov, A., Gahnina, O. & Andreev, S., 1 Nov 2017, *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, p. 143-147 5 p.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

University Students' Perceptions of Academic Writing: An Academic Literacies Perspective

Tukiainen, M., Mäkinen, M. & Helander, N., 16 Nov 2015, *ICERI2015 Proceedings: 8th annual International Conference of Education, Research and Innovation Seville (Spain). 16th - 18th of November, 2015..* p. 7589-7595 7 p.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Underpinning Interrelated Factors of Physical, Virtual, and Social Learning Environments

Kangas, J. & Poutanen, J., 2018, *ICERI2018 Proceedings*. p. 8087-8096 (ICERI proceedings).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Uncertainties in Charge Measurements of ESD Risk Assessment

Viheriäköski, T., Kohtamäki, J., Peltoniemi, T. & Tamminen, P., 27 Sep 2015, *Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015*. USA: IEEE COMPUTER SOC, Vol. 2015. 8 p. 6B.3
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Ultra-large mode area single frequency anisotropic MOPA with double clad Yb-doped tapered fiber

Noronen, T., Fedotov, A., Rissanen, J., Gumenyuk, R., Butov, O., Chamorovskii, Y., Golant, K., Odnoblyudov, M. & Filippov, V., 1 Jan 2018, *Fiber Lasers XV: Technology and Systems*. SPIE, IEEE, 6 p. 105121T. (Proceedings of SPIE; vol. 10512).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Ulkoseinien rakennusfysikaaliset riskit ja pitkäaikaiskestävät ratkaisut

Salonen, J., Laukkanen, A. & Vinha, J., 2015, *Korjaa ja korota: Kerrostalojen korjaamisen ja lisäkerrosten rakentamisen ratkaisuja*. Soikkeli, A., Koiso-Kanttila, J. & Sorri, L. (eds.). Oulu, Finland: Oulun yliopisto, Vol. 62. p. 74-81 8 p. (Oulun yliopisto, arkkitehtuurin osasto. A. Julkaisu).
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

Two-turns antenna and magnetic materials for effective powering of mm-size implant in wireless brain-machine interface system

Khan, W., Björninen, T., Ukkonen, L. & Sydänheimo, L., Sep 2015, *2015 IEEE MTT-S 2015 International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-BIO)*. IEEE, p. 103-104 2 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Two patterns for minimizing human resources in a startup

Leppänen, M., 10 Apr 2014, *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs (VikingPLoP)*. ACM, 4

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Two models for hydraulic cylinders in flexible multibody simulations

Ylinen, A., Mäkinen, J. & Kouhia, R., 2016, *Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction*. Springer, p. 463-493 31 p. (Computational Methods in Applied Sciences; vol. 41).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Two models for hydraulic cylinder

Ylinen, A., Kouhia, R. & Mäkinen, J., 2015, *2nd International Conference on Multi-Scale Computational Methods for Solids and Fluids: ECCOMAS MSF 2015*. Ibrahimbegović, A., Ademović, N., Ilić-Georgijević, E., Serdarević, A., Hrasnica, M. & Dolarević, S. (eds.). Sarajevo, p. 115-116 2 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan

Translated title of the contribution: : Scientific review: New methods for assessment and monitoring of chronic wounds
Kekonen, A., Bergelin, M. & Viik, J., 20 Oct 2018, In : HAAVA. 20, 3, p. 30-32 3 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Turvallisuuden johtajat - Esimiesten johtajuus, osaaminen ja sitoutuminen

Translated title of the contribution: : Leaders of safety - managers' leadership, skills and commitment

Tappura, S., Hyytinen, T., Kivistö-Rahnasto, J., Nenonen, N. & Vasara, J., 30 Dec 2015, Tampere: Tampereen teknillinen yliopisto; Tampereen yliopisto. 144 p.

Research output: Book/Report › Commissioned report › Professional

Tuning plasmon induced reflectance with hybrid metasurfaces

Habib, M., Ozbay, E. & Caglayan, H., 2019, In : Photonics. 6, 1, 29.

Research output: Contribution to journal › Article › Scientific › peer-review

Tuning extrinsic noise effects on a small genetic circuit

Mohamed Bahrudeen, M. & S. Ribeiro, A., 4 Sep 2017, *Proceedings of ECAL 2017: 14th European Conference on Artificial Life*. Massachusetts Institute of Technology

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Tunable second-harmonic generation in a single nanostructure

Turquet, L., Bautista, G., Kakko, J-P., Karvonen, L., Dhaka, V., Chen, Y., Jiang, H., Huhtio, T., Lipsanen, H. & Kauranen, M., 2015, *The Eleventh Finland-Japan Joint Symposium on Optics in Engineering*. 2 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

Tunable nonlinear effects through focused spatially phase-shaped beams

Turquet, L., Bautista, G., Karvonen, L., Dhaka, V., Chen, Y., Jiang, H., Huhtio, T., Lipsanen, H. & Kauranen, M., 2015, *European Quantum Electronics Conference 2015*. Optical Society of America, EG_P_11

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Triboelectric charging of fungal spores during resuspension and rebound

Kuuluvainen, H., Saari, S., Mensah-Attipoe, J., Pasanen, P., Reponen, T. & Keskinen, J., 2015, *EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy*.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

Transverse structure optimization of laterally-coupled ridge waveguide DFB lasers

Uusitalo, T., Virtanen, H. & Dumitrescu, M., 17 Aug 2016, *16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016*. IEEE, p. 79-80 2 p. 7547038

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Transpositions and duals high-order tensors. On theory and applications in mechanics

Holopainen, S., 4 Jun 2015, *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät*. Kouhia, R. (ed.). Rakenteiden Mekaniikan Seura ry, p. 188-193 6 p. (Journal of Structural Mechanics).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

Traceability of essential climate variables through forest stand reconstruction with terrestrial laser scanning

Calders, K., Disney, M., Nightingale, J., Origo, N., Barker, A., Raunonen, P. A., Lewis, P., Burt, A., Brennan, J. & Fox, N., 2015, *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. p. 122-124 3 p.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Professional

Townhouse-talotyypin rakennuskustannukset: kolmen suunnitteluratkaisun taloudellisuuden analysointi

Saari, A. & Tauriainen, M., 2015, *Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa*. Aalto-yliopisto, p. 94-97 4 p. (Aalto University publication series Crossover; no. 9/2015).

Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Towards Traditional Simulation Models of Context Using Process Mining

Pileggi, P., Rivero-Rodriguez, A. & Nykänen, O., 2015, *Computational Intelligence, Communication Systems and Networks (CICSyN), 2015 7th International Conference on*. IEEE, p. 70-75 6 p.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Towards the Structure of a Class of Permutation Matrices Associated With Bent Functions

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

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Research output: Contribution to journal › Article › Professional

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Large mode area double clad ytterbium tapered fiber with circular birefringency

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Research output: Book/Report › Book › Professional

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

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Kustannusoptimaaliset energiakorjaus- ja uusiutuvan energian tuotannon ratkaisut kunnallisissa palvelurakennuksissa

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Koteja ja kokonaistaideteoksia

Translated title of the contribution: : Homes and artworks

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Research output: Contribution to journal › Article › Professional

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Research output: Contribution to journal › Article › Professional

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Translated title of the contribution: : Towards better balanced research assessment: Editorial

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Research output: Contribution to journal › Article › Scientific › peer-review

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Knowledge transfer and work productivity

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Knowledge sharing in knowledge collectivity: case digitalization in industrial network

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Knowledge Management and Emerging Collaborative Networks in Tourism Business Ecosystems

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Knowledge integration method development for multi-stakeholder innovation

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Knowledge barriers in university-industry knowledge networks

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Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät

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Research output: Book/Report › Commissioned report › Professional

Kids Out! Urban environments and physical activity among children and adolescents

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Keyframe-based video summarization with human in the loop

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa

Kaarakka, T. E., Ali-Löytty, S. & Huhtanen, M., 2018, In : *FMSERA Journal*. 2, 1, p. 67-77 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Kävelystä elinvoimaa

Rantala, T., Luukkonen, T., Karhula, K., Vaismaa, K., Mäntynen, J. & Metsäpuro, P., 2014, Tampere: Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. 142 p.

Research output: Book/Report › Commissioned report › Professional

Kattavasti rivitaloista

Translated title of the contribution: : Terraced houses in Finland

Helamaa, A., 2015, In : *Arkkitehti*. 3, p. 80-81 2 p.

Research output: Contribution to journal › Book/Film/Article review › Professional