

Prof. Dr. KLAUS VERNER SCHMİDT

Kişisel Bilgiler

İş Telefonu: [+90 031 221 0440](tel:+900312210440) Dahili: 8

Fax Telefonu: [+90 0312 210 2304](tel:+9003122102304)

E-posta: schmidt@metu.edu.tr

Web: <https://avesis.metu.edu.tr/schmidt>

Uluslararası Araştırmacı ID'leri

ScholarID: NM8nuCoAAAAJ

ORCID: 0000-0003-3840-2737

Publons / Web Of Science ResearcherID: O-2493-2013

ScopusID: 55464613900

Yoksis Araştırmacı ID: 271229

Eğitim Bilgileri

Doktora, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Engineering, Almanya 2002 - 2005

Lisans, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Electrical, Electronics And Communication Engineering, Almanya 1997 - 2002

Yüksek Lisans, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Electrical, Electronics And Communication Engineering, Almanya 1997 - 2002

Yaptığı Tezler

Doktora, Hierarchical Control of Decentralized Discrete Event Systems-Theory and Application, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Engineering, 2018

Yüksek Lisans, Entwurf von Zustandsrückführungen für lineare diskrete Systeme über GF(2) mit Hilfe der Polynommatrixmethode, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, Electrical, Electronics And Communication Engineering, 2018

Araştırma Alanları

Elektrik-Elektronik Mühendisliği, Elektronik, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik ve Elektronik Mühendisliği Bölümü, 2019 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2017 - Devam Ediyor

Verdiği Dersler

Yönetilen Tezler

- SCHMİDT K. V., Communication and coordination for urban intelligent transportation: Architecture and algorithms, Doktora, M.ATAGOZIEV(Öğrenci), 2022
- SCHMİDT K. V., Linear parameter varying control for autonomous systems: Methods and application examples, Yüksek Lisans, F.ÇALIŞ(Öğrenci), 2022
- SCHMİDT K. V., Cooperative adaptive cruise control with predicted vehicle information: Development and evaluation, Yüksek Lisans, F.KILIÇ(Öğrenci), 2022
- SCHMİDT K. V., Clock synchronization and weak TDMA for CAN FD: Implementation and evaluation, Yüksek Lisans, İ.ONUR(Öğrenci), 2022
- SCHMİDT K. V., Hierarchical and modular control of reconfigurable manufacturing systems, Yüksek Lisans, Ö.ARSLAN(Öğrenci), 2022
- SCHMİDT K. V., Estimation of vehicle signals for autonomous driving applications, Yüksek Lisans, H.TEMURTAŞ(Öğrenci), 2022
- SCHMİDT K. V., A general framework for the deterministic medium access on the controller area network, Doktora, M.AKPINAR(Öğrenci), 2022
- SCHMİDT K. V., Transfer functions with positive impulse response: Feedback controller design and application to cooperative adaptive cruise control, Yüksek Lisans, İ.TAYYİP(Öğrenci), 2021
- Schmidt K. V., SENSOR FUSION OF A CAMERA AND 2D LIDAR FOR LANE DETECTION AND TRACKING, Yüksek Lisans, Y.YENİAYDIN(Öğrenci), 2019
- SCHMİDT Ş. E., SCHMİDT K. V., Controller area network with offset scheduling: Improved offset assignment algorithms and computation of response time distributions, Yüksek Lisans, A.BATUR(Öğrenci), 2018
- SCHMİDT K. V., LANE KEEPING CONTROL FOR SELF-DRIVING VEHICLES, Yüksek Lisans, K.SARAÇOĞLU(Öğrenci), 2018
- SCHMİDT K. V., SCHMİDT Ş. E., C3: Configurable CAN FD controller: Design, implementation and evaluation, Yüksek Lisans, M.ERTUĞ(Öğrenci), 2018
- Schmidt K. V., Optimal control problems for safe and efficient lane changes of self-driving vehicles, Doktora, A.HASEEB(Öğrenci), 2017
- SCHMİDT Ş. E., SCHMİDT K. V., FlexRay veriyolu statik ve dinamik bölütleri için mesaj çizelgelemesi : algoritmalar ve uygulamalar., Yüksek Lisans, Ö.Kızılay(Öğrenci), 2015
- SCHMİDT Ş. E., SCHMİDT K. V., Denetleyici alan ağı(daa) ileri konuları için tepki süresi analizi ve çizelgelendirme: görel konum, FIFO kuyruklar ve ağ geçitleri., Yüksek Lisans, B.Alkan(Öğrenci), 2015
- SCHMİDT Ş. E., SCHMİDT K. V., CAN ve CAN-FD veri yolunda zamanlama iyileştirmek için bir veri paketleme yöntemi, Yüksek Lisans, G.Urul(Öğrenci), 2015
- Schmidt K. V., Fault-tolerant supervisory control of discrete event systems: Methods and examples, Yüksek Lisans, A.NUR(Öğrenci), 2015
- Schmidt K. V., Development of a DC-motor control laboratory experiment, Yüksek Lisans, A.HASEEB(Öğrenci), 2012
- Schmidt K. V., Development of laboratory experiments for control and power systems: The water -tank experiment, Yüksek Lisans, A.M.(Öğrenci), 2012
- Schmidt K. V., Modeling control and simulation of a drinking water treatment plant, Yüksek Lisans, F.GHAZY(Öğrenci), 2012
- Schmidt K. V., Supervisory control for reconfigurable manufacturing systems: Structural changes and re-usability of controllers, Yüksek Lisans, A.NOORULDEEN(Öğrenci), 2012

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. **Computation of tight bounds for the worst-case end-to-end delay on Avionics Full-Duplex Switched Ethernet**

Ayhan Kilinc Z., SCHMİDT Ş. E., SCHMİDT K. V.

Journal of Systems Architecture, cilt.156, 2024 (SCI-Expanded)

- II. **Predictable Timestamping for the Controller Area Network: Evaluation and Effect on Clock Synchronization Accuracy**
Akpınar M., SCHMİDT K. V.
IEEE Transactions on Systems, Man, and Cybernetics: Systems, cilt.54, sa.3, ss.1926-1935, 2024 (SCI-Expanded)
- III. **Weak TDMA for the Deterministic Medium Access on the Controller Area Network**
Akpınar M., SCHMİDT Ş. E., SCHMİDT K. V.
IEEE Transactions on Intelligent Transportation Systems, cilt.25, sa.8, ss.8568-8577, 2024 (SCI-Expanded)
- IV. **Lane change scheduling for connected and autonomous vehicles**
Atagoziev M., Güran Schmidt E., SCHMİDT K. V.
TRANSPORTATION RESEARCH PART C-EMERGING TECHNOLOGIES, cilt.147, 2023 (SCI-Expanded)
- V. **String Stability Under Actuator Saturation on Straight Level Roads: Sufficient Conditions and Optimal Trajectory Generation**
Bingol H., Schmidt K. W.
IEEE Transactions on Intelligent Transportation Systems, cilt.23, sa.12, ss.24588-24598, 2022 (SCI-Expanded)
- VI. **Highly Accurate Clock Synchronization With Drift Correction for the Controller Area Network**
Akpınar M., Schmidt E. G., Schmidt K. W.
IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS, cilt.33, sa.12, ss.4071-4082, 2022 (SCI-Expanded)
- VII. **A Data Envelopment Analysis Method for Finding Robust and Cost-Efficient Schedules in Multimode Projects**
Schmidt K. V., Hazır Ö.
IEEE Transactions On Engineering Management, cilt.76, sa.2, ss.414-429, 2020 (SCI-Expanded)
- VIII. **Voronoi Boundary Visibility for Efficient Path Planning**
Al-Dahhan M. R. H., SCHMİDT K. V.
IEEE ACCESS, cilt.8, ss.134764-134781, 2020 (SCI-Expanded)
- IX. **Order-Preserving Languages for the Supervisory Control of Automated Manufacturing Systems**
Nooruldeen A., SCHMİDT K. V.
IEEE ACCESS, cilt.8, ss.131901-131919, 2020 (SCI-Expanded)
- X. **Formulation and solution of an optimal control problem for industrial project control**
Schmidt K. V., Hazır Ö.
Annals of Operations Research, cilt.280, ss.337-350, 2019 (SCI-Expanded)
- XI. **Outputs bounds for linear systems with repeated input signals: existence, computation and application to vehicle platooning**
Saglam H. B., Schmidt K. W.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.26, sa.1, ss.283-295, 2018 (SCI-Expanded)
- XII. **Feedforward Strategies for Cooperative Adaptive Cruise Control in Heterogeneous Vehicle Strings**
Al-Jhayyish A. M. H., SCHMİDT K. V.
IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, cilt.19, sa.1, ss.113-122, 2018 (SCI-Expanded)
- XIII. **Reconfigurability of behavioural specifications for manufacturing systems**
SCHMİDT K. V.
INTERNATIONAL JOURNAL OF CONTROL, cilt.90, sa.12, ss.2605-2617, 2017 (SCI-Expanded)
- XIV. **Modeling Distributed Real-Time Systems in TIOA and UPPAAL**
Kartal Y. B., SCHMİDT Ş. E., SCHMİDT K. W.
ACM TRANSACTIONS ON EMBEDDED COMPUTING SYSTEMS, cilt.16, sa.1, 2016 (SCI-Expanded)
- XV. **Controller area network with priority queues and FIFO queues: improved schedulability analysis and message set extension**
SCHMİDT K. W., Alkan B., SCHMİDT Ş. E., Karani D. C., Karakaya U.

- INTERNATIONAL JOURNAL OF VEHICLE DESIGN, cilt.71, ss.335-357, 2016 (SCI-Expanded)
- XXVI. **State attraction under language specification for the reconfiguration of discrete event systems**
Nooruldeen A., Schmidt K. V.
IEEE Transactions on Automatic Control, cilt.60, sa.6, ss.1630-1634, 2015 (SCI-Expanded)
- XVII. **Computation of supervisors for reconfigurable machine tools**
Schmidt K. V.
Discrete Event Dynamic Systems: Theory and Applications, cilt.25, ss.125-158, 2015 (SCI-Expanded)
- XVIII. **Optimal supervisory control of discrete event systems: Cyclicity and interleaving of tasks**
Schmidt K. V.
SIAM Journal on Control and Optimization, cilt.53, sa.3, ss.1425-1439, 2015 (SCI-Expanded)
- XIX. **A framework for state attraction of discrete event systems under partial observation**
Schmidt K. V., Breindl C.
Information Sciences, cilt.281, ss.265-280, 2014 (SCI-Expanded)
- XX. **Robust Priority Assignments for Extending Existing Controller Area Network Applications**
SCHMIDT K. V.
IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, cilt.10, sa.1, ss.578-585, 2014 (SCI-Expanded)
- XXI. **Verification of Modular Diagnosability With Local Specifications for Discrete-Event Systems**
SCHMIDT K. V.
IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS, cilt.43, sa.5, ss.1130-1140, 2013 (SCI-Expanded)
- XXII. **An integrated scheduling and control model for multi-mode projects**
Hazır Ö., Schmidt K. V.
Flexible Services and Manufacturing Journal, cilt.25, ss.230-254, 2013 (SCI-Expanded)
- XXIII. **Efficient Abstractions for the Supervisory Control of Modular Discrete Event Systems**
SCHMIDT K. V., Ribeiro Cury J. E.
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, cilt.57, sa.12, ss.3224-3229, 2012 (SCI-Expanded)
- XXIV. **Fuzzy Discrete Event Systems for Multiobjective Control: Framework and Application to Mobile Robot Navigation**
SCHMIDT K. V., Boutalis Y.
IEEE TRANSACTIONS ON FUZZY SYSTEMS, cilt.20, sa.5, ss.910-922, 2012 (SCI-Expanded)
- XXV. **Maximally Permissive Hierarchical Control of Decentralized Discrete Event Systems**
SCHMIDT K. W., Breindl C.
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, cilt.56, sa.4, ss.723-737, 2011 (SCI-Expanded)
- XXVI. **Message Scheduling for the FlexRay Protocol: The Static Segment**
Schmidt K., SCHMIDT Ş. E.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, cilt.58, sa.5, ss.2170-2179, 2009 (SCI-Expanded)
- XXVII. **Message Scheduling for the FlexRay Protocol: The Dynamic Segment**
SCHMIDT Ş. E., Schmidt K.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, cilt.58, sa.5, ss.2160-2169, 2009 (SCI-Expanded)
- XXVIII. **Nonblocking Hierarchical Control of Decentralized Discrete Event Systems**
SCHMIDT K. V., MOOR T., PERK S.
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, cilt.53, sa.10, ss.2252-2265, 2008 (SCI-Expanded)
- XXIX. **Systematic message schedule construction for time-triggered CAN**
Schmidt K., Schmidt E. G.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, cilt.56, sa.6, ss.3431-3441, 2007 (SCI-Expanded)
- XXX. **A finite field framework for modeling, analysis and control of finite state automata**
Reger J., Schmidt K. V.
Mathematical and Computer Modelling of Dynamical Systems, cilt.10, ss.253-285, 2004 (SCI-Expanded)
- XXXI. **Modeling and analyzing finite state automata in the finite field F_2**
Reger J., Schmidt K. V.
Mathematics and Computers in Simulation, cilt.66, ss.193-206, 2004 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Safe and Efficient Path Planning for Omni-directional Robots using an Inflated Voronoi Boundary**
ALDAHAN M. R. H., SCHMİDT K. V.
Çankaya University Journal of Science and Engineering, cilt.16, sa.2, ss.46-49, 2019 (Hakemli Dergi)
- II. **Order-preserving Models for the Supervisory Control of Flexible Manufacturing Systems**
Nooruldeen a., SCHMİDT K. V.
Çankaya University Journal of Science and Engineering, cilt.16, sa.2, ss.70-86, 2019 (Hakemli Dergi)
- III. **Cooperative Adaptive Cruise Control for Vehicle Following During Lane Changes**
Schmidt K. V.
IFAC-PapersOnLine, cilt.50, sa.1, ss.12582-12587, 2017 (Scopus)
- IV. **The Controllability Prefix for Supervisory Control under Partial Observation with an Application to Fault-Tolerant Control**
Moor T., Schmidt K. V.
IFAC-PapersOnLine, cilt.50, sa.1, ss.13642-13647, 2017 (Scopus)
- V. **Abstraction-based control for not necessarily closed behaviours**
Moor T., Schmidt K. V., Wittmann T.
IFAC Proceedings Volumes (IFAC-PapersOnline), cilt.44, ss.6988-6993, 2011 (Scopus)
- VI. **An experimental study of the FlexRay dynamic segment**
Schmidt K. V., Schmidt E. G., Demirci A., Yürüklü E., Karakaya U.
IFAC Proceedings Volumes (IFAC-PapersOnline), cilt.43, sa.7, ss.413-418, 2010 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Deterministic RG-Trees via Voronoi Diagrams Voronoi Diyagramları ile Deterministik RG-Trees**
GÖLBOL F., SCHMİDT K. V.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Türkiye, 15 - 18 Mayıs 2024
- II. **Development of a Blade Lifting Control Assist System for a Motor Grader**
Öztürk E. C. Ö., Akpınarlı U., Varol İ., ÜNLÜSOY Y. S., SCHMİDT K. V.
40th International Symposium on Automation and Robotics in Construction, ISARC 2023, Chennai, Hindistan, 5 - 07 Temmuz 2023, ss.156-163
- III. **Anomaly Detection in In-Vehicle Networks with Graph Neural Networks Çizge Sinir Ağları ile Araç İçi Ağlarda Anomali Tespiti**
Özdemir Ö., Karagöz P., Schmidt K. V.
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Türkiye, 5 - 08 Temmuz 2023
- IV. **Clock Synchronization for the Controller Area Network using Bit Timing Information CAN Ağları için Bit Zamanlaması Bilgisine Dayalı Saat Senkronizasyonu**
Arkadas D. E., Akpınar M., SCHMİDT Ş. E., SCHMİDT K. V.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Türkiye, 15 - 18 Mayıs 2022
- V. **Telegram Scheduling for the Multifunction Vehicle Bus (MVB): Algorithms and Evaluation**
Çağlar Güldiken M., SCHMİDT Ş. E., SCHMİDT K. V.
2020 IEEE Symposium on Computers and Communications, ISCC 2020, Rennes, Fransa, 7 - 10 Temmuz 2020, cilt.2020-July
- VI. **Sensor Fusion of a Camera and 2D LIDAR for Lane Detection**
Yeniaydın Y., Schmidt K. V.
Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Sivas, Türkiye, 24 - 26 Nisan 2019, ss.1-4
- VII. **Improved clock synchronization algorithms for the Controller Area Network (CAN)**

Akpınar M., SCHMİDT K. V., Schmidt E. G.

28th International Conference on Computer Communications and Networks (ICCCN), Valencia, İspanya, 29 Temmuz - 01 Ağustos 2019

- VIII. **ACLOUD-MAN - Power Efficient Resource Allocation for Heterogeneous Clouds**
Ekici N. U., SCHMİDT K. V., Yazar A., Schmidt E. G.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Türkiye, 24 - 26 Nisan 2019
- IX. **Resource Allocation for Minimized Power Consumption in Hardware Accelerated Clouds**
Ekici N. U., SCHMİDT K. V., Yazar A., Schmidt E. G.
28th International Conference on Computer Communications and Networks (ICCCN), Valencia, İspanya, 29 Temmuz - 01 Ağustos 2019
- X. **Robust Lane Recognition Based on Arc Splines**
Yeniaydın Y., SCHMİDT K. V.
International Conference & Exhibition on Digital Transformation & Smart Systems, Ankara, Türkiye, 24 - 26 Ekim 2018, cilt.1, ss.1-4
- XI. **Computation of Response Time Distributions for Messages on the Controller Area Network**
Batur A., SCHMİDT Ş. E., SCHMİDT K. V.
2018 IEEE 13th International Symposium on Industrial Embedded Systems (SIES), Graz, Austria, 6 - 08 Haziran 2018
- XII. **Evaluation of response time distributions for controller area network messages**
Batur A., SCHMİDT Ş. E., SCHMİDT K. V.
2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Türkiye, 2 - 05 Mayıs 2018
- XIII. **A lane keeping system with a weighted preview measurement**
Saraçoğlu K., Üleş B., SCHMİDT K. V.
2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Türkiye, 2 - 05 Mayıs 2018
- XIV. **A lane detection algorithm based on reliable lane markings**
Yeniaydın Y., Schmidt K. V.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Türkiye, 2 - 05 Mayıs 2018, ss.1-4
- XV. **C3: Configurable CAN FD controller: Architecture, design and hardware implementation**
Afşin M. E., Schmidt K. V., Schmidt E. G.
12th IEEE International Symposium on Industrial Embedded Systems, SIES 2017, Toulouse, Fransa, 14 - 16 Haziran 2017
- XVI. **Improved load distribution for controller area network**
Batur A., SCHMİDT Ş. E., SCHMİDT K. V.
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 Mayıs 2017
- XVII. **A fast and optimal static segment scheduling method for FlexRay v3.0**
ÇAKMAK C., SCHMİDT Ş. E., SCHMİDT K. V.
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 Mayıs 2017
- XVIII. **A Configurable CAN FD controller: Architecture and implementation**
Afşin M. E., SCHMİDT K. V., SCHMİDT Ş. E.
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 Mayıs 2017
- XIX. **A New Multi-Agent Decision Making Structure and Application to Model-Based Fault Diagnosis Problem**
LEBLEBİCİOĞLU M. K., Zengin Y., Schmidt K. V.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Türkiye, 15 - 18 Mayıs 2017
- XX. **Lane Change Scheduling for Autonomous Vehicles**
Atagoziyev M., SCHMİDT K. W., SCHMİDT Ş. E.
14th IFAC Symposium on Control in Transportation Systems (CTS), İstanbul, Türkiye, 18 - 20 Mayıs 2016, cilt.49,

ss.61-66

- XXI. **Discrete event supervisor design and application for manufacturing systems with arbitrary faults and repairs**
Acar A. N., Schmidt K. V.
11th IEEE International Conference on Automation Science and Engineering, CASE 2015, Gothenburg, İsveç, 24 - 28 Ağustos 2015, ss.825-830
- XXII. **Fault-tolerant control of discrete-event systems with lower-bound specifications**
Moor T., Schmidt K. V.
5th IFAC International Workshop on Dependable Control of Discrete Systems, DCDS 2015, Cancun, Meksika, 27 - 29 Mayıs 2015, cilt.28, ss.161-166
- XXIII. **Computation of supervisors for fault-recovery and repair for discrete event systems**
Sülek A. N., Schmidt K. V.
12th IFAC/IEEE Workshop on Discrete Event Systems, WODES 2104, Cachan, Fransa, 14 - 16 Mayıs 2014, cilt.9, ss.428-433
- XXIV. **An optimization model to coordinate scheduling and controlling in projects: Case with instantaneous control constraints**
Hazir Ö., Schmidt K. V., Eryilmaz U.
1st International Conference on Engineering and Applied Sciences Optimization, OPT-i 2014, Kos Island, Yunanistan, 4 - 06 Haziran 2014, ss.2095-2110
- XXV. **Abstraction-based supervisory control for recon-gurable manufacturing systems ?**
Khalid H. M., Kirik M. S., Schmidt K. V.
4th IFAC Workshop on Dependable Control of Discrete Systems, DCDS 2013, York, Birleşik Krallık, 4 - 06 Eylül 2013, cilt.4, ss.157-162
- XXVI. **Computation of fault-tolerant supervisors for discrete event systems ?**
Sülek A. N., Schmidt K. V.
4th IFAC Workshop on Dependable Control of Discrete Systems, DCDS 2013, York, Birleşik Krallık, 4 - 06 Eylül 2013, cilt.4, ss.115-120
- XXVII. **Optimal configuration changes for reconfigurable manufacturing systems**
Schmidt K. V.
52nd IEEE Conference on Decision and Control, CDC 2013, Florence, İtalya, 10 - 13 Aralık 2013, ss.7621-7626
- XXVIII. **Fuzzy Hybrid Systems modeling with application in decision making and control**
Boutalis Y., Moor T., Schmidt K. V.
2012 6th IEEE International Conference Intelligent Systems, IS 2012, Sofija, Bulgaristan, 6 - 08 Eylül 2012, ss.290-296
- XXIX. **Computation of supervisors for reconfigurable machine tools**
Schmidt K. V.
11th International Workshop on Discrete Event Systems, WODES 2012, Guadalajara, Meksika, 3 - 05 Ekim 2012, cilt.45, ss.227-232
- XXX. **Hierarchical control with partial observations: Sufficient conditions**
Boutin O., Komenda J., Masopust T., Schmidt K. V., Van Schuppen J. H.
2011 50th IEEE Conference on Decision and Control and European Control Conference, CDC-ECC 2011, Orlando, FL, Amerika Birleşik Devletleri, 12 - 15 Aralık 2011, ss.1817-1822
- XXXI. **Computation of projections for the abstraction-based diagnosability verification**
Schmidt K. V.
10th International Workshop on Discrete Event Systems, WODES 2010, Berlin, Almanya, 30 Ağustos - 01 Eylül 2010, cilt.10, ss.199-204
- XXXII. **Applied supervisory control for a flexible manufacturing system**
Moor T., Schmidt K. V., Perk S.
10th International Workshop on Discrete Event Systems, WODES 2010, Berlin, Almanya, 30 Ağustos - 01 Eylül 2010, cilt.10, ss.253-258
- XXXIII. **Hierarchical multitasking control of discrete event systems: Computation of projections and maximal**

permissiveness

Schmidt K. V., De Queiroz M. H., Cury J. E.

10th International Workshop on Discrete Event Systems, WODES 2010, Berlin, Almanya, 30 Ağustos - 01 Eylül 2010, cilt.10, ss.98-103

XXXIV. Multi-objective decision making using fuzzy discrete event systems: A mobile robot example

Boutalis Y., Schmidt K. V.

18th Mediterranean Conference on Control and Automation, MED'10, Marrakech, Fas, 23 - 25 Haziran 2010, ss.575-580

XXXV. A longest path problem for evaluating the worst case packet delay of switched ethernet

SCHMIDT K. V., SCHMİDT Ş. E.

International Symposium on Industrial Embedded System (SIES), Trento, Italy, 7 - 09 Temmuz 2010

XXXVI. Performance evaluation of FlexRay CAN networks interconnected by a gateway

SCHMİDT Ş. E., Alkan M., SCHMIDT K. V., YÜRÜKLÜ E., Karakaya U.

International Symposium on Industrial Embedded System (SIES), Trento, Italy, 7 - 09 Temmuz 2010

XXXVII. Controller aggregation for distributed discrete-event supervisors on a shared-medium network

Schmidt K. V.

2nd IFAC Workshop on Dependable Control of Discrete Systems, DCDS'09, Bari, İtalya, 10 - 12 Haziran 2009, cilt.2, ss.81-86

XXXVIII. Mobile robot navigation based on fuzzy discrete event systems

Tampakis G., Schmidt K. V., Boutalis Y.

2nd IFAC International Conference on Intelligent Control Systems and Signal Processing, İstanbul, Türkiye, 21 - 23 Eylül 2009, cilt.2

XXXIX. Redundant tasks in multitasking control of discrete event systems

Schmidt K. V., Cury J. E.

2nd IFAC Workshop on Dependable Control of Discrete Systems, DCDS'09, Bari, İtalya, 10 - 12 Haziran 2009, cilt.2, ss.16-21

XL. Reliable and safe operation of distributed discrete-event controllers: A networked implementation wi

Schmidt K. V., Schmidt E. G., Zaddach J.

17th World Congress, International Federation of Automatic Control, IFAC, Seoul, Güney Kore, 6 - 11 Temmuz 2008, cilt.17

XLI. Message scheduling for the static segment of the FlexRay protocol FlexRay protokolu statik bölütü için mesaj çizelgelenmesi

Schmidt E. G., Schmidt K. V.

2008 IEEE 16th Signal Processing, Communication and Applications Conference, SIU, Aydın, Türkiye, 20 - 22 Nisan 2008

XLII. Shared medium communication for distributed discrete event control Dağıtık ayrik olayli denetleyiciler için paylaşımlı ortamda haberleşme

Schmidt E. G., Schmidt K. V.

2008 IEEE 16th Signal Processing, Communication and Applications Conference, SIU, Aydın, Türkiye, 20 - 22 Nisan 2008

XLIII. LibFAUDES - an open source C++ library for discrete event systems

Moor T., Schmidt K. V., Perk S.

9th International Workshop on Discrete Event Systems, WODES' 08, Goteborg, İsveç, 28 - 30 Mayıs 2008, ss.125-130

XLIV. Controller synthesis for an I/O-based hierarchical system architecture

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