

NEW BOOKS RECEIVED BY THE LIBRARY OF THE FACULTY OF ELECTRONICS AND INFORMATICS

May 2022

Information Technologies / Computer Science

1. Barker, J., Davis, A., Hallas, B., & Mc Mahon, C. (2021). *Cybersecurity ABCs: delivering awareness, behaviours and culture change*. Swindon: The Chartered Institute for IT. (EIF 2 pcs., VK 2 pcs.)
2. Barreiro-Gomez, J., & Tembine, H. (2022). *Mean-field-type games for engineers*. Boca Raton, FL: CRC Press. (EIF 1 pcs., VK 1 pcs.)
3. Dennis, A., Haley Wixon, B., & Roth, R. M. (2022). *Systems analysis and design* (Eighth edition). Hoboken, NJ: John Wiley and Sons. (EIF 3 pcs., VK 3 pcs.)
4. Duckett, J. (2022). *PHP & MySQL: server-side web development*. Hoboken, New Jersey: John Wiley & Sons. (EIF 3 pcs., VK 3 pcs.)
5. Sutton, D. (2021). *Information risk management: a practitioner's guide* (Second edition). Swindon: The Chartered Institute for IT. (EIF 2 pcs., VK 2 pcs.)

Telecommunication / Automation, Electronics, Electrotechnics

1. Bhooshan, S. (2022). *Fundamentals of analogue and digital communication systems*. Singapore: Springer. (EIF 3 pcs., VK 3 pcs.)
2. Corke, P. (2022). *Robotics and control: fundamental algorithms in MATLAB®*. Cham, Switzerland: Springer International Publishing. (EIF 1 pcs., VK 1 pcs.)
3. Fischer, W. W. G. (2020). *Digital video and audio broadcasting technology: a practical engineering guide* (Fourth edition). Cham: Springer. (EIF 3 pcs., VK 3 pcs.)
4. Gift, S. J. G., & Maundy, B. (2022). *Electronic circuit design and application* (Second edition). Cham, Switzerland: Springer. (EIF 3 pcs., VK 3 pcs.)
5. Novák, M. (2021). *Introduction to sensors for electrical and mechanical engineers*. Boca Raton, FL: Taylor & Francis Group. (EIF 2 pcs., VK 2 pcs.)
6. Pakdel, M. (2021). *Fast PCB design with Altium Designer*. Orange, New South Wales: Central West Publishing. (EIF 2 pcs., VK 2 pcs.)
7. Selvam., K. C. (2022). *Analog function circuits: fundamentals, principles, design and applications*. Boca Raton, FL: CRC Press. (EIF 2 pcs., VK 2 pcs.)
8. Tan, L., & Jiang, J. (2019). *Digital signal processing: fundamentals and applications* (Third edition). London, United Kingdom: Academic Press, an imprint of Elsevier. (EIF 3 pcs., VK 3 pcs.)

Other Publications

1. Deisenroth, M. P., Faisal, A. A., & Ong, C. S. (2020). *Mathematics for machine learning*. Cambridge: Cambridge University Press. (EIF 4 pcs., VK 4 pcs.)
2. Lay, D. C., Lay, S. R., & McDonald J. J. (2022). *Linear algebra and its applications* (Sixth edition, global edition). Harlow: Pearson Education Limited. (EIF 3 pcs., VK 3 pcs.)

3. Smith, R. H. (2014). *English for electrical engineering in higher education studies*. Reading: Garnet Education. (EIF 15 pcs., VK 15 pcs.)