

Correction to: Review of state-of-the-art microwave filter tuning techniques and implementation of a novel tuning algorithm using expert-based hybrid learning (Wireless Personal Communications, (2024), 134, 2, (625-681), 10.1007/s11277-024-10894-x)

Sekhri, Even; Kapoor, Rajiv; Tamre, Mart Wireless Personal Communications 2024 / p. 683 <https://doi.org/10.1007/s11277-024-10941-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data-driven approaches based microwave filter tuning - a review

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv Advances in Artificial-Business Analytics and Quantum Machine Learning : Select Proceedings of the 3rd International Conference, Com-IT-Con 2023, Volume 2 2024 / p. 273-286 https://doi.org/10.1007/978-981-97-4860-0_22 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Deep reinforcement learning for automated tuning of cavity filters

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv Proceedings of IEEE Forum International Conference 2019 / p. 53 http://www.digitalxplore.org/up_proc/pdf/408-154943387153.pdf

Double deep Q-Learning approach for tuning microwave cavity filters using locally linear embedding technique

Sekhri, Even; Kapoor, Rajiv; Tamre, Mart 2020 International Conference Mechatronic Systems and Materials (MSM) 2020 / 6 p. : ill <https://doi.org/10.1109/MSM49833.2020.9202393>

An efficient assistance in cavity filter tuning using filter screw classification

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv Advances in artificial-business analytics and quantum machine learning : select proceedings of the 3rd international conference, Com-IT-Con 2023, volume 1 2024 / p. 791-799 https://doi.org/10.1007/978-981-97-2508-3_58 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Electric and hybrid vehicles : From smart energy storage systems to mechanical transmission

Sekhri, Even; Mohamed, Mahmoud Ibrahim Hassanin; Zequera, Rolando Antonio Gilbert; Rassölkin, Anton Smart Electric and Hybrid Vehicles : Advancements in Materials, Design, Technologies, and Modeling 2025 / p. 71-126 <https://doi.org/10.1002/9781394225040.ch3>

Fully automated tuning of microwave coaxial cavity filters = Mikrolaine-koaksiaalfiltrite täisautomaatne häälestamine

Sekhri, Even 2024 https://www.ester.ee/record=b5685094*est <https://digikogu.taltech.ee/et/Item/38784e65-568e-4dd9-ae9f-bb5eec5a2a9c> <https://doi.org/10.23658/taltech.20/2024>

Labelled marker dataset from Smith chart for image processing based intelligent tuning of microwave cavity filters

Sekhri, Even IEEE DataPort 2023 / 1 p. <https://doi.org/10.21227/zfd8-xt50>

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Novel band-subtraction technique to differentiate screws for microwave cavity filter tuning

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv; Liyanage, Dhanushka Chamara 2023 3rd International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME) 2023 / 6 p <https://doi.org/10.1109/ICECCME57830.2023.10253048>

A novel real-time parametric tracking approach for robust microwave filter tuning

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv; Kumar, Rahul, 1993- 2023 IEEE International Conference on Artificial Intelligence, Blockchain, and Internet of Things (AIBThings) 2023 / 5 p. : ill <https://doi.org/10.1109/AIBThings58340.2023.10292473>

Optimal Q-learning approach for tuning the cavity filters

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv 2019 20th International Conference on Research and Education in Mechatronics (REM) : [proceedings] 2019 / 5 p. : ill <https://doi.org/10.1109/REM.2019.8744118>

Review of state-of-the-art microwave filter tuning techniques and liplementation of a novel tuning algorithm using expert-based hybrid learning

Sekhri, Even; Kapoor, Rajiv; Tamre, Mart Wireless personal communications 2024 / p. 625–681 <https://doi.org/10.1007/s11277-024-10894-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)