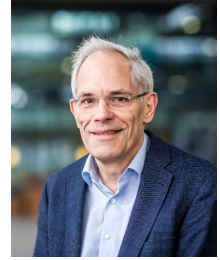


O.J. Boxma - Publication overview

Onno J. Boxma
Hoogleraar
Stochastic Operations Research
E-mail: o.j.boxma@tue.nl



Onderzoeksoutput

Yeger, Y., Boxma, O. J., Resing, J., & Vlasiou, M. (2024). ASIP tandem queues with consumption. *Performance Evaluation Review*, 51(4), 14-15. <https://doi.org/10.1145/3649477.3649486>

Yeger, Y., Boxma, O., Resing, J., & Vlasiou, M. (2024). ASIP tandem queues with consumption. *Performance Evaluation*, 163, Artikel 102380. <https://doi.org/10.1016/j.peva.2023.102380>

Boxma, O., Hinze, F., & Mandjes, M. (2024). Gerber-Shiu Metrics for a Bivariate Perturbed Risk Process. *Risks*, 12(1), Artikel 5. <https://doi.org/10.3390/risks12010005>

Boxma, O., Perry, D., & Stadjé, W. (2024). Perishable inventories with random input: a unifying survey with extensions. *Annals of Operations Research*, 332(1-3), 1069-1105. <https://doi.org/10.1007/s10479-023-05317-2>

Boxma, O., Kella, O., & Mandjes, M. (2023). On fluctuation-theoretic decompositions via Lindley-type recursions. *Stochastic Processes and their Applications*, 165, 316-336. <https://doi.org/10.1016/j.spa.2023.09.004>

Kapodistria, S., Saxena, M., Boxma, O. J., & Kella, O. (2023). Workload analysis of a two-queue fluid polling model. *Journal of Applied Probability*, 60(3), 1003-1030. <https://doi.org/10.1017/jpr.2022.108>

Jacobovic, R., Levering, N., & Boxma, O. (2023). Externalities in the M/G/1 queue: LCFS-PR versus FCFS. *Queueing Systems*, 104(3-4), 239-267. <https://doi.org/10.1007/s11134-023-09878-8>

Boxma, O., & Mandjes, M. (2023). A decomposition for Lévy processes inspected at Poisson moments. *Journal of Applied Probability*, 60(2), 557-569. <https://doi.org/10.1017/jpr.2022.66>

Boxma, O., Frostig, E., & Palmowski, Z. (2023). A dual risk model with additive and proportional gains: ruin probability and dividends. *Advances in Applied Probability*, 55(2), 549-580. <https://doi.org/10.1017/apr.2022.36>

Carmeli, N., Yom-Tov, G. B., & Boxma, O. J. (2023). State-Dependent Estimation of Delay Distributions in Fork-Join Networks. *Manufacturing and Service Operations Management*, 25(3), 1081-1098. <https://doi.org/10.1287/msom.2022.1167>

Boxma, O., Perry, D., & Stadjé, W. (2023). Stationary analysis of an (R, Q) inventory model with normal and emergency orders. *Journal of Applied Probability*, 60(1), 106-126. <https://doi.org/10.1017/jpr.2022.43>

Raaijmakers, Y., Borst, S., & Boxma, O. (2023). Fork-join and redundancy systems with heavy-tailed job sizes. *Queueing Systems*, 103(1-2), 131-159. <https://doi.org/10.1007/s11134-022-09856-6>

Boxma, O. J., & Mandjes, M. R. H. (2022). Queueing and risk models with dependencies. *Queueing Systems*, 102(1-2), 69-86. <https://doi.org/10.1007/s11134-022-09863-7>

- Boxma, O., Perry, D., Stadje, W., & Zacks, S. (2022). A compound Poisson EOQ model for perishable items with intermittent high and low demand periods. *Annals of Operations Research*, 317(2), 439-459. <https://doi.org/10.1007/s10479-015-2031-1>
- Adan, I. J. B. F., Boxma, O. J., & Resing, J. A. C. (2022). Functional equations with multiple recursive terms. *Queueing Systems*, 102(1-2), 7-23. <https://doi.org/10.1007/s11134-022-09861-9>
- Boxma, O., Perry, D., & Stadje, W. (2022). Peer-to-Peer Lending: a Growth-Collapse Model and its Steady-State Analysis. *Mathematical Methods of Operations Research*, 96(2), 233-258. <https://doi.org/10.1007/s00186-022-00793-x>
- Boon, M., Boxma, O. J., & Foss, S. (2022). Editorial introduction to '100 views on queues'. *Queueing Systems*, 100(3-4), 167-168. Artikel 3-4. <https://doi.org/10.1007/s11134-022-09846-8>
- Boxma, O., & Mandjes, M. (2021). Affine storage and insurance risk models. *Mathematics of Operations Research*, 46(4), 1282-1302. <https://doi.org/10.1287/moor.2020.1097>
- van Kreveld, L. R., Boxma, O. J., Dorsman, J. L., & Mandjes, M. R. H. (2021). Scaling limits for closed product-form queueing networks. *Performance Evaluation*, 151(X), Artikel 102220. <https://doi.org/10.1016/j.peva.2021.102220>
- Boxma, O., & Mandjes, M. (2021). Shot-noise queueing models. *Queueing Systems*, 99(1-2), 121-159. <https://doi.org/10.1007/s11134-021-09708-9>
- Sakuma, Y., Boxma, O., & Phung-Duc, T. (2021). An M/PH/1 queue with workload-dependent processing speed and vacations. *Queueing Systems*, 98(3-4), 373-405. <https://doi.org/10.1007/s11134-021-09701-2>
- Boxma, O., Löpker, A., Mandjes, M., & Palmowski, Z. (2021). A multiplicative version of the Lindley recursion. *Queueing Systems*, 98(3-4), 225-245. <https://doi.org/10.1007/s11134-021-09698-8>
- Raaijmakers, Y., Borst, S., & Boxma, O. (2021). Threshold-based rerouting and replication for resolving job-server affinity relations. In *INFOCOM 2021 - IEEE Conference on Computer Communications* Artikel 9488909 Institute of Electrical and Electronics Engineers. <https://doi.org/10.1109/INFOCOM42981.2021.9488909>
- Raaijmakers, Y., Borst, S., & Boxma, O. (2021). Stability and tail behavior of redundancy systems with processor sharing. *Performance Evaluation*, 147, Artikel 102195. <https://doi.org/10.1016/j.peva.2021.102195>
- Boxma, O. J., Saxena, M., & Janssen, A. J. E. M. (2021). Two queues with time-limited polling and workload-dependent service speeds. *Stochastic Models*, 37(2), 265-299. <https://doi.org/10.1080/15326349.2020.1858874>
- Boxma, O., Kella, O., & Yechiali, U. (2021). Workload distributions in ASIP queueing networks. *Queueing Systems*, 97(1-2), 81-100. <https://doi.org/10.1007/s11134-020-09678-4>
- van Kreveld, L., & Boxma, O. (2021). Parameter Mixing in Infinite-server Queues. In *Queueing Theory 1: Advanced Trends* (blz. 107-144). Wiley-Liss Inc.. <https://doi.org/10.1002/9781119755432.ch5>
- Boxma, O., Heemskerk, M., & Mandjes, M. (2021). Single-server queues under overdispersion in the heavy-traffic regime. *Stochastic Models*, 37(1), 197-230. <https://doi.org/10.1080/15326349.2020.1840394>
- Kella, O., & Boxma, O. (2020). Synchronized Lévy queues. *Journal of Applied Probability*, 57(4), 1222-1233. <https://doi.org/10.1017/jpr.2020.75>

- Drent, C., Kapodistria, S., & Boxma, O. J. (2020). Censored lifetime learning: Optimal Bayesian age-replacement policies. *Operations Research Letters*, 48(6), 827-834. <https://doi.org/10.1016/j.orl.2020.10.005>
- Abidini, M. A., Boxma, O., Hurkens, C., Koonen, T., & Resing, J. (2020). Revenue maximization in optical router nodes. *Performance Evaluation*, 140-141, Artikel 102108. <https://doi.org/10.1016/j.peva.2020.102108>
- Scully, Z., Van Kreveld, L., Boxma, O., Dorsman, J. P., & Wierman, A. (2020). Characterizing Policies with Optimal Response Time Tails under Heavy-Tailed Job Sizes. In *SIGMETRICS Performance 2020 - Abstracts of the 2020 SIGMETRICS/Performance Joint International Conference on Measurement and Modeling of Computer Systems* (blz. 35-36). (Performance Evaluation Review; Vol. 48, Nr. 1). Association for Computing Machinery, Inc. <https://doi.org/10.1145/3393691.3394179>
- Boxma, O., Löpker, A., & Mandjes, M. (2020). On two classes of reflected autoregressive processes. *Journal of Applied Probability*, 57(2), 657-678. <https://doi.org/10.1017/jpr.2020.6>
- van Kreveld, L. R., Boxma, O. J., Dorsman, J. L., & Mandjes, M. R. H. (2020). Scaling analysis of an extended machine-repair model. In *Proceedings of the 13th EAI International Conference on Performance Evaluation Methodologies and Tools, VALUETOOLS 2020* (blz. 172-179). (ACM International Conference Proceeding Series). Association for Computing Machinery, Inc. <https://doi.org/10.1145/3388831.3388835>
- Raaijmakers, Y., Borst, S., & Boxma, O. (2020). Stability of Redundancy Systems with Processor Sharing. In *Proceedings of the 13th EAI International Conference on Performance Evaluation Methodologies and Tools, VALUETOOLS 2020* (blz. 120-127). (ACM International Conference Proceeding Series). Association for Computing Machinery, Inc. <https://doi.org/10.1145/3388831.3388837>
- Saxena, M., Boxma, O. J., & Mandjes, M. (2020). An Infinite-Server System with Lévy Shot-Noise Modulation: Moments and Asymptotics. *Markov Processes and Related Fields*, 26(4), 757-778. <http://math-mpf.org/journal/articles/id1595/>
- Raaijmakers, Y., Albrecher, H., & Boxma, O. (2019). The single server queue with mixing dependencies. *Methodology and Computing in Applied Probability*, 21(4), 1023-1044. <https://doi.org/10.1007/s11009-018-9683-7>
- Boxma, O., Kella, O., & Ravner, L. (2019). Fluid queues with synchronized output. *Operations Research Letters*, 47(6), 629-635. <https://doi.org/10.1016/j.orl.2019.10.007>
- Boxma, O. J., Perry, D., & Stadje, W. (2019). The (S-1,S) inventory model and its counterparts in queueing theory. *Operations Research Letters*, 47(6), 483-488. <https://doi.org/10.1016/j.orl.2019.08.003>
- Ravner, L., Boxma, O., & Mandjes, M. (2019). Estimating the input of a Lévy-driven queue by Poisson sampling of the workload process. *Bernoulli*, 25(4B), 3734-3761. <https://doi.org/10.3150/19-BEJ1109>
- Raaijmakers, Y., Borst, S., & Boxma, O. (2019). Redundancy scheduling with scaled Bernoulli service requirements. *Queueing Systems*, 93(1-2), 67-82. <https://doi.org/10.1007/s11134-019-09621-2>
- Meyfroyt, T. M. M., Boon, M. A. A., Borst, S. C., & Boxma, O. J. (2019). Performance of large-scale polling systems with branching-type and limited service. *Performance Evaluation*, 133, 1-24. <https://doi.org/10.1016/j.peva.2019.04.002>
- Boxma, O., Kella, O., & Mandjes, M. (2019). Infinite-server systems with Coxian arrivals. *Queueing Systems*, 92(3-4), 233-255. <https://doi.org/10.1007/s11134-019-09613-2>
- Abidini, M. A., Boxma, O., Hurkens, C., Koonen, T., & Resing, J. (2019). Revenue maximization in an optical router node using multiple wavelengths. In *Proceedings of the 12th EAI International Conference on Performance Evaluation Methodologies and Tools, VALUETOOLS 2019* (blz. 47-53). (ACM International Conference Proceeding Series). Association for Computing Machinery, Inc. <https://doi.org/10.1145/3306309.3306318>

Boxma, O. J., Cahen, E. J., Koops, D., & Mandjes, M. (2019). Linear stochastic fluid networks: rare-event simulation and Markov modulation. *Methodology and Computing in Applied Probability*, 21(1), 125-153. <https://doi.org/10.1007/s11009-018-9644-1>

Raaijmakers, Y., Borst, S. C., & Boxma, O. J. (2019). Delta probing policies for redundancy. *Performance Evaluation Review*, 46(3), 72-73. <https://doi.org/10.1145/3308897.3308931>

Sakuma, Y., Boxma, O., & Phung-Duc, T. (2019). A single server queue with workload-dependent service speed and vacations. In T. Phung-Duc, S. Kasahara, & S. Wittevrongel (editors), *Queueing Theory and Network Applications - 14th International Conference, QTNA 2019, Proceedings* (blz. 112-127). (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics); Vol. 11688 LNCS). Springer. https://doi.org/10.1007/978-3-030-27181-7_8

Raaijmakers, Y., Borst, S., & Boxma, O. (2018). Delta probing policies for redundancy. *Performance Evaluation*, 127-128, 21-35. <https://doi.org/10.1016/j.peva.2018.09.002>

Boxma, O., & Frostig, E. (2018). The dual risk model with dividends taken at arrival. *Insurance: Mathematics and Economics*, 83, 83-92. <https://doi.org/10.1016/j.insmatheco.2018.09.005>

Borst, S., & Boxma, O. (2018). Polling: past, present, and perspective. *TOP*, 26(3), 335-369. <https://doi.org/10.1007/s11750-018-0484-5>

Borst, S., & Boxma, O. (2018). Rejoinder on: Polling : past, present, and perspective. *TOP*, 26(3), 381-382. <https://doi.org/10.1007/s11750-018-0490-7>

Boxma, O., & Zwart, B. (2018). Fluid flow models in performance analysis. *Computer Communications*, 131, 22-25. <https://doi.org/10.1016/j.comcom.2018.07.009>

Koops, D. T., Saxena, M., Boxma, O. J., & Mandjes, M. (2018). Infinite-server queues with Hawkes input. *Journal of Applied Probability*, 55(3), 920-943. <https://doi.org/10.1017/jpr.2018.58>

Inoue, Y., Boxma, O. J., Perry, D., & Zacks, S. (2018). Analysis of Mx/G/1 queues with impatient customers. *Queueing Systems*, 89(3-4), 303-350. <https://doi.org/10.1007/s11134-017-9565-7>

Adan, I., Boxma, O., Claeys, D., & Kella, O. (2018). A queueing system with vacations after a random amount of work. *SIAM Journal on Applied Mathematics*, 78(3), 1697-1711. <https://doi.org/10.1137/17M1142673>

Abidini, M., Boxma, O., & Doncel, J. (2017). Size-based routing to balance performance of the queues. In *Proceedings of the 11th EAI International Conference on Performance Evaluation Methodologies and Tools, VALUETOOLS 2017* (blz. 198-205). Association for Computing Machinery, Inc. <https://doi.org/10.1145/3150928.3150948>

Abidini, M. A., Boxma, O., Kim, B., Kim, J., & Resing, J. (2017). Performance analysis of polling systems with retrials and glue periods. *Queueing Systems*, 87(3-4), 293-324. <https://doi.org/10.1007/s11134-017-9545-y>

Abhishek, Boon, M. A. A., Boxma, O. J., & Núñez-Queija, R. (2017). A single-server queue with batch arrivals and semi-Markov services. *Queueing Systems*, 86(3-4), 217-240. <https://doi.org/10.1007/s11134-017-9531-4>

Koops, D. T., Boxma, O. J., & Mandjes, M. R. H. (2017). Networks of $M/G/\infty$ queues with shot-noise-driven arrival intensities. *Queueing Systems*, 86(3-4), 301-325. <https://doi.org/10.1007/s11134-017-9520-7>

- Boon, M. A. A., Boxma, O. J., Kella, O., & Miyazawa, M. (2017). Queue-length balance equations in multiclass multiserver queues and their generalizations. *Queueing Systems*, 86(3-4), 277-299. <https://doi.org/10.1007/s11134-017-9528-z>
- Bar-Lev, S. K., Boxma, O. J., Perry, D., & Vastazos, L. P. (2017). Analysis and optimization of blood-testing procedures. *Probability in the Engineering and Informational Sciences*, 31(3), 330-344. <https://doi.org/10.1017/S0269964817000122>
- Bar-Lev, S. K., Boxma, O. J., Kleiner, I., Perry, D., & Stadje, W. (2017). Recycled incomplete identification procedures for blood screening. *European Journal of Operational Research*, 259(1), 330-343. <https://doi.org/10.1016/j.ejor.2016.10.005>
- Boxma, O. J., Frostig, E., Perry, D., & Yosef, R. (2017). A state dependent reinsurance model. *Insurance: Mathematics and Economics*, 74(May 2017), 170-181. <https://doi.org/10.1016/j.insmatheco.2017.03.004>
- Boxma, O. J., & Walraevens, J. (2017). Computational methods and applications in queueing theory. *Annals of Operations Research*, 252(1), 1-2. <https://doi.org/10.1007/s10479-017-2464-9>
- Boxma, O. J., Frostig, E., & Perry, D. (2017). A reinsurance risk model with a threshold coverage policy: The Gerber-Shiu penalty function. *Journal of Applied Probability*, 54(1), 267-285. <https://doi.org/10.1017/jpr.2016.99>
- Albrecher, H., Boxma, O. J., Essifi, R., & Kuijstermans, A. C. M. (2017). A queueing model with a randomized depletion of inventory. *Probability in the Engineering and Informational Sciences*, 31(1), 43-59. <https://doi.org/10.1017/S0269964816000322>
- Koops, D. T., Boxma, O. J., & Mandjes, M. R. H. (2017). Networks of $(\cdot / G / \infty)$ queues with shot-noise-driven arrival intensities. *Queueing Systems*, 86(3-4), 301-325. Artikel 3-4. <https://doi.org/10.1007/s11134-017-9520-7>
- Saxena, M., Boxma, O. J., Kapodistria, S., & Núñez Queija, R. (2017). Two queues with random time-limited polling. *Probability and Mathematical Statistics*, 37(2), 257-289. <https://doi.org/10.19195/0208-4147.37.2.4>
- Boxma, O. J., Essifi, R., & Janssen, A. J. E. M. (2016). A queueing/inventory and an insurance risk model. *Advances in Applied Probability*, 48(4), 1139-1160. <https://doi.org/10.1017/apr.2016.68>
- Claeys, D., Adan, I. J. B. F., & Boxma, O. J. (2016). Stochastic bounds for order flow times in parts-to-picker warehouses with remotely located order-picking workstations. *European Journal of Operational Research*, 254(3), 895-906. <https://doi.org/10.1016/j.ejor.2016.04.050>
- Boxma, O. J., Kella, O., & Yechiali, U. (2016). An ASIP model with general gate opening intervals. *Queueing Systems*, 84(1-2), 1-20. <https://doi.org/10.1007/s11134-016-9492-z>
- Koops, D. T., Boxma, O. J., & Mandjes, M. R. H. (2016). A tandem fluid network with Lévy input in heavy traffic. *Queueing Systems*, 84(3), 355-379. <https://doi.org/10.1007/s11134-016-9500-3>
- Boxma, O. J., Mandjes, M., & Reed, J. (2016). On a class of reflected AR(1) processes. *Journal of Applied Probability*, 53(3), 818-832. <https://doi.org/10.1017/jpr.2016.42>
- Abidini, M. A., Boxma, O. J., Koonen, A. M. J., & Resing, J. A. C. (2016). Revenue maximization in an optical router node : allocation of service windows. In *2016 20th International Conference on Optical Network Design and Modeling, ONDM 2016, 9-12 may 2016, Cartagena, Spain* (blz. 1-6). Artikel 7494077 Institute of Electrical and Electronics Engineers. <https://doi.org/10.1109/ONDM.2016.7494077>
- Boxma, O. J., Lopker, A. H., & Perry, D. (2016). On a make-to-stock production/mountain model with hysteretic control. *Annals of Operations Research*, 241(1), 53-82. <https://doi.org/10.1007/s10479-014-1658-7>

- Adan, I. J. B. F., Boxma, O. J., Kapodistria, S., & Kulkarni, V. G. (2016). The shorter queue polling model. *Annals of Operations Research*, 241, 167-200. <https://doi.org/10.1007/s10479-013-1495-0>
- Abidini, M. A., Boxma, O. J., & Resing, J. A. C. (2016). Analysis and optimization of vacation and polling models with retrials. *Performance Evaluation*, 98, 52-69. <https://doi.org/10.1016/j.peva.2016.02.001>
- Boxma, O. J., & Walraevens, J. (2016). Special volume on 'Methodological Advances in Queueing Theory' of the First ECQT Conference. *Queueing Systems*, 82(1-2), 5-6. <https://doi.org/10.1007/s11134-016-9472-3>
- Boxma, O. J., & Zacks, S. (2016). Lajos Takács. *Queueing Systems*, 82(1-2), 1-4. Artikel 1-2. <https://doi.org/10.1007/s11134-016-9473-2>
- Boxma, O. J., Löpker, A., & Perry, D. (2016). On a make-to-stock production/mountain modeln with hysteretic control. *Annals of Operations Research*, 241(1-2), 53-82. Artikel 1-2. <https://doi.org/10.1007/s10479-014-1658-7>
- Boxma, O. J., Claeys, D., Gulikers, L., & Kella, O. (2015). A queueing system with vacations after N services. *Naval Research Logistics*, 62(8), 646-658. <https://doi.org/10.1002/nav.21669>
- Larranaga, M., Boxma, O. J., Nunez-Queija, R., & Squillante, M. S. (2015). Efficient content delivery in the presence of impatient jobs. In *Proceedings - 2015 27th International Teletraffic Congress, ITC 2015* (blz. 73-81). Artikel 7277429 Institute of Electrical and Electronics Engineers. <https://doi.org/10.1109/ITC.2015.16>
- Meyfroyt, T. M. M., Borst, S. C., Boxma, O. J., & Denteneer, T. J. J. (2015). On the scalability and message count of Trickle-based broadcasting schemes. *Queueing Systems*, 81(2-3), 203-230. <https://doi.org/10.1007/s11134-015-9438-x>
- Ivanovs, J., & Boxma, O. J. (2015). A bivariate risk model with mutual deficit coverage. *Insurance: Mathematics and Economics*, 64, 126-134. <https://doi.org/10.1016/j.insmatheco.2015.05.006>
- Meyfroyt, T. M. M., Borst, S. C., Boxma, O. J., & Denteneer, T. J. J. (2015). A data propagation model for wireless gossiping. *Performance Evaluation*, 85-86, 19-32. <https://doi.org/10.1016/j.peva.2015.01.001>
- Boxma, O. J., Perry, D., & Zacks, S. (2015). A fluid EOQ model of perishable items with intermittent high and low demand rates. *Mathematics of Operations Research*, 40(2), 390-402. <https://doi.org/10.1287/moor.2014.0675>
- Boxma, O. J., Parlar, M., & Perry, D. (2015). A make-to-stock mountain-type inventory model. *Annals of Operations Research*, 231, 65-77. <https://doi.org/10.1007/s10479-013-1370-z>
- Dorsman, J. L., Borst, S. C., Boxma, O. J., & Vlasiou, M. (2015). Markovian polling systems with an application to wireless random-access networks. *Performance Evaluation*, 85-86, 33-51. <https://doi.org/10.1016/j.peva.2015.01.008>
- Badila, E. S., Boxma, O. J., & Resing, J. A. C. (2015). Two parallel insurance lines with simultaneous arrivals and risks correlated with inter-arrival times. *Insurance: Mathematics and Economics*, 61, 48-61. <https://doi.org/10.1016/j.insmatheco.2014.12.003>
- Meyfroyt, T. M. M., Borst, S. C., Boxma, O. J., & Denteneer, T. J. J. (2014). Data dissemination performance in large-scale sensor networks. *Performance Evaluation Review*, 42(1), 395-406. <https://doi.org/10.1145/2591971.2591981>
- Boxma, O. J. (2014). Comments on : Queueing models for the analysis of communication systems. *TOP*, 22(2), 449-453. <https://doi.org/10.1007/s11750-014-0327-y>
- Boxma, O. J., & Kella, O. (2014). Decomposition results for stochastic storage processes and queues with alternating Lévy inputs. *Queueing Systems*, 77(1), 97-112. <https://doi.org/10.1007/s11134-013-9378-2>

- Albrecher, H., Boxma, O. J., & Ivanovs, J. (2014). On simple ruin expressions in dependent Sparre Andersen risk models. *Journal of Applied Probability*, 51(1), 293-296. <https://doi.org/10.1239/jap/1395771431>
- Dorsman, J. L., Boxma, O. J., & Mei, van der, R. D. (2014). On two-queue Markovian polling systems with exhaustive service. *Queueing Systems*, 78(4), 287-311. <https://doi.org/10.1007/s11134-014-9413-y>
- Badila, E. S., Boxma, O. J., Resing, J. A. C., & Winands, E. M. M. (2014). Queues and risk models with simultaneous arrivals. *Advances in Applied Probability*, 46(3), 812-831. <https://doi.org/10.1239/aap/1409319561>
- Badila, E. S., Boxma, O. J., & Resing, J. A. C. (2014). Queues and risk processes with dependencies. *Stochastic Models*, 30(3), 390-419. <https://doi.org/10.1080/15326349.2014.930603>
- Bouman, N., Borst, S. C., Boxma, O. J., & Leeuwaarden, van, J. S. H. (2014). Queues with random back-offs. *Queueing Systems*, 77(1), 33-74. <https://doi.org/10.1007/s11134-013-9374-6>
- Boxma, O. J., & Daduna, H. (2014). The cyclic queue and the tandem queue. *Queueing Systems*, 77(3), 275-295. <https://doi.org/10.1007/s11134-013-9380-8>
- Boxma, O. J., & Resing, J. A. C. (2014). Vacation and polling models with retrials. In A. Horváth, & K. Wolter (editors), *Computer Performance Engineering (11th European Workshop, EPEW 2014, Florence, Italy, September 11-12, 2014. Proceedings)* (blz. 45-58). (Lecture Notes in Computer Science; Vol. 8721). Springer. https://doi.org/10.1007/978-3-319-10885-8_4
- Fralix, B. H., Leeuwaarden, van, J. S. H., & Boxma, O. J. (2013). Factorization identities for reflected processes, with applications. *Journal of Applied Probability*, 50(3), 632-653. <https://doi.org/10.1239/jap/1378401227>
- Dorsman, J. L., Boxma, O. J., & Vlasiou, M. (2013). Marginal queue length approximations for a two-layered network with correlated queues. *Queueing Systems*, 75(1), 29-63. <https://doi.org/10.1007/s11134-012-9338-2>
- Ravid, R., Boxma, O. J., & Perry, D. (2013). Repair systems with exchangeable items and the longest queue mechanism. *Queueing Systems*, 73(3), 295-316. <https://doi.org/10.1007/s11134-012-9319-5>
- Bar-Lev, S. K., Blanc, H., Boxma, O. J., Janssen, A. J. E. M., & Perry, D. (2013). Tandem queues with impatient customers for blood screening procedures. *Methodology and Computing in Applied Probability*, 15(2), 423-451. <https://doi.org/10.1007/s11009-011-9250-y>
- Boxma, O. J., & Ivanovs, J. (2013). Two coupled Lévy queues with independent input. *Stochastic Systems*, 3(2), 574-590. <https://doi.org/10.1214/13-SSY116>
- Kella, O., & Boxma, O. J. (2013). Useful martingales for stochastic storage processes with Lévy-type input. *Journal of Applied Probability*, 50(2), 439-449. <https://doi.org/10.1239/jap/1371648952>
- Wijk, van, A. C. C., Adan, I. J. B. F., Boxma, O. J., & Wierman, A. C. (2012). Fairness and efficiency for polling models with the K-gated service discipline. *Performance Evaluation*, 69(6), 274-288. <https://doi.org/10.1016/j.peva.2012.02.003>
- Bar-Lev, S. K., Boxma, O. J., Lopker, A. H., Stadje, W., & Duyn Schouten, van der, F. A. (2012). Group testing procedures with quantitative features and incomplete information. *Naval Research Logistics*, 59(1), 39-51. <https://doi.org/10.1002/nav.20489>
- Ayesta, U., Boxma, O. J., & Verloop, I. M. (2012). Sojourn times in a processor sharing queue with multiple vacations. *Queueing Systems*, 71(1-2), 53-78. <https://doi.org/10.1007/s11134-012-9277-y>

Boxma, O. J., & Prabhu, B. J. (2011). Analysis of an M/G/1 queue with customer impatience and adaptive arrival process. In *Proceedings of the 5th International Conference on Network Games, Control and Optimization (NetGCoop 2011, Paris, France, October 12-14, 2011)* (blz. 1-4). Institute of Electrical and Electronics Engineers.

Boxma, O. J., David, I., Perry, D., & Stadje, W. (2011). A new look at organ transplantation models and double matching queues. *Probability in the Engineering and Informational Sciences*, 25(2), 135-155. <https://doi.org/10.1017/S0269964810000318>

Kosinski, K. M., Boxma, O. J., & Zwart, B. (2011). Convergence of the all-time supremum of a Lévy process in the heavy-traffic regime. *Queueing Systems*, 67(4), 295-304. <https://doi.org/10.1007/s11134-011-9215-4>

Boxma, O. J., Ivanovs, J., Kosinski, K. M., & Mandjes, M. R. H. (2011). Lévy-driven polling systems and continuous-state branching processes. *Stochastic Systems*, 1(2), 411-436. <https://doi.org/10.1214/10-SSY008>

Boon, M. A. A., Boxma, O. J., & Winands, E. M. M. (2011). On open problems in polling systems. *Queueing Systems*, 68(3-4), 365-374. <https://doi.org/10.1007/s11134-011-9247-9>

Boxma, O., Kella, O., & Perry, D. (2011). On some tractable growth-collapse processes with renewal collapse epochs. *Journal of Applied Probability*, 48A, 217-234. <https://doi.org/10.1239/jap/1318940467>

Boxma, O. J., Kella, O., & Kosinski, K. M. (2011). Queue lengths and workloads in polling systems. *Operations Research Letters*, 39(6), 401-405. <https://doi.org/10.1016/j.orl.2011.10.006>

Albrecher, H., Borst, S. C., Boxma, O. J., & Resing, J. A. C. (2011). Ruin excursions, the G/G/∞ queue, and tax payments in renewal risk models. *Journal of Applied Probability*, 48A(Spec.Vol.), 3-14. <https://doi.org/10.1239/jap/1318940451>

Boxma, O. J., & Denisov, D. E. (2011). Sojourn time tails in the single server queue with heavy-tailed service times. *Queueing Systems*, 69(2), 101-119. <https://doi.org/10.1007/s11134-011-9229-y>

Boxma, O. J., Perry, D., & Stadje, W. (2011). The M/G/1+G queue revisited. *Queueing Systems*, 67(3), 207-220. <https://doi.org/10.1007/s11134-010-9205-y>

Boxma, O. J., Lopker, A. H., & Perry, D. (2011). Threshold strategies for risk processes and their relation to queueing theory. *Journal of Applied Probability*, 48A(Spec.Vol.), 29-38. <https://doi.org/10.1239/jap/1318940453>

Bar-Lev, S. K., Boxma, O., & Letac, G. (2010). A characterization related to the equilibrium distribution associated with a polynomial structure. *Journal of Applied Probability*, 47(1), 293-299. <https://doi.org/10.1239/jap/1269610832>

Boxma, O. J., Jönsson, H., Resing, J. A. C., & Shneer, V. (2010). An alternating risk reserve process - Part I. *Markov Processes and Related Fields*, 16, 409-424.

Boxma, O. J., Jönsson, H., Resing, J. A. C., & Shneer, V. (2010). An alternating risk reserve process - Part II. *Markov Processes and Related Fields*, 16, 425-446.

Boon, M. A. A., Adan, I. J. B. F., & Boxma, O. J. (2010). A polling model with multiple priority levels. *Performance Evaluation*, 67(6), 468-484. <https://doi.org/10.1016/j.peva.2010.01.002>

Boon, M. A. A., Wijk, van, A. C. C., Adan, I. J. B. F., & Boxma, O. J. (2010). A polling model with smart customers. *Queueing Systems*, 66(3), 239-274. <https://doi.org/10.1007/s11134-010-9191-0>

- Boon, M. A. A., Adan, I. J. B. F., & Boxma, O. J. (2010). A two-queue polling model with two priority levels in the first queue. *Discrete Event Dynamic Systems*, 20(4), 511-536. <https://doi.org/10.1007/s10626-009-0072-9>
- Bar-Lev, S. K., Boxma, O. J., Stadje, W., & Duyn Schouten, van der, F. A. (2010). A two-stage group testing model for infections with window periods. *Methodology and Computing in Applied Probability*, 12(3), 309-322. <https://doi.org/10.1007/s11009-008-9104-4>
- Al Hanbali, A., & Boxma, O. J. (2010). Busy period analysis of the state dependent M/M/1/K queue. *Operations Research Letters*, 38(1), 1-6. <https://doi.org/10.1016/j.orl.2009.09.012>
- Adan, I. J. B. F., Boxma, O. J., & Wal, van der, J. (2010). In memoriam Jaap Wessels (1939-2009). *Statistica Neerlandica*, 64(2), 131-132. <https://doi.org/10.1111/j.1467-9574.2010.00456.x>
- Boxma, O. J., Kella, O., & Mandjes, M. R. H. (2010). On a generic class of Lévy-driven vacation models. *Probability in the Engineering and Informational Sciences*, 24(1), 1-12. <https://doi.org/10.1017/S0269964809990106>
- Kella, O., Boxma, O. J., & Mandjes, M. R. H. (2010). On Lévy-driven vacation models with correlated busy periods and service interruptions. *Queueing Systems*, 64(4), 359-382. <https://doi.org/10.1007/s11134-010-9166-1>
- Walraevens, J., Leeuwaarden, van, J. S. H., & Boxma, O. J. (2010). Power series approximations for two-class generalized processor sharing systems. *Queueing Systems*, 66(2), 107-130. <https://doi.org/10.1007/s11134-010-9188-8>
- Ivanovs, J., Boxma, O. J., & Mandjes, M. R. H. (2010). Singularities of the matrix exponent of a Markov additive process with one-sided jumps. *Stochastic Processes and their Applications*, 120(9), 1776-1794. <https://doi.org/10.1016/j.spa.2010.05.007>
- Boxma, O., Perry, D., Stadje, W., & Zacks, S. (2010). The busy period of an M/G/1 queue with customer impatience. *Journal of Applied Probability*, 47(1), 130-145. <https://doi.org/10.1239/jap/1269610821>
- Tan, H. P., Núñez Queija, R., Gabor, A. F., & Boxma, O. J. (2009). Admission control for differentiated services in future generation CDMA networks. *Performance Evaluation*, 66(9-10), 488-504. <https://doi.org/10.1016/j.peva.2009.03.002>
- Vlasiou, M., Adan, I. J. B. F., & Boxma, O. J. (2009). A two-station queue with dependent preparation and service times. *European Journal of Operational Research*, 195(1), 104-116. <https://doi.org/10.1016/j.ejor.2008.01.027>
- Boxma, O. J. (2009). Editorial introduction. *Queueing Systems*, 61(2-3), 85-85. <https://doi.org/10.1007/s11134-009-9111-3>
- Asmussen, S., & Boxma, O. J. (2009). Editorial introduction. *Queueing Systems*, 63(1-4), 1-2. <https://doi.org/10.1007/s11134-009-9151-8>
- Bekker, R., Boxma, O. J., & Resing, J. A. C. (2009). Lévy processes with adaptable exponent. *Advances in Applied Probability*, 41(1), 177-205. <https://doi.org/10.1239/aap/1240319581>
- Boxma, O. J., & Perry, D. (2009). On the cycle maximum of mountains, dams and queues. *Communications in Statistics : Theory and Methods*, 38(16-17), 2706-2720. <https://doi.org/10.1080/03610910902936232>
- Boxma, O. J., Bruin, J., & Fralix, B. H. (2009). Sojourn times in polling systems with various service disciplines. *Performance Evaluation*, 66(11), 621-639. <https://doi.org/10.1016/j.peva.2009.05.004>
- Boxma, O. J., Perry, D., Stadje, W., & Zacks, S. (2009). The M/G/1 queue with quasi-restricted accessibility. *Stochastic Models*, 25(1), 151-196. <https://doi.org/10.1080/15326340802648878>

- Albrecher, H., Borst, S. C., Boxma, O. J., & Resing, J. A. C. (2009). The tax identity in risk theory - a simple proof and an extension. *Insurance: Mathematics and Economics*, 44(2), 304-306. <https://doi.org/10.1016/j.insmatheco.2008.05.001>
- Bar-Lev, S. K., Boxma, O. J., Stadje, W., Duyn Schouten, van der, F. A., & Wiesmeyer, C. (2009). Two-stage queueing network models for quality control and testing. *European Journal of Operational Research*, 198(3), 858-866. <https://doi.org/10.1016/j.ejor.2008.09.040>
- Boon, M. A. A., Adan, I. J. B. F., & Boxma, O. J. (2008). A two-queue polling model with two priority levels in the first queue. In *Value Tools 2008 (Third International Conference on Performance Evaluation Methodologies and Tools, Athens, Greece, October 20-24, 2008, Proceedings)* (blz. 10-). ICST. <https://doi.org/10.4108/ICST.VALUETOOLS2008.4347>
- Boxma, O. J. (2008). Editorial introduction. *Queueing Systems*, 58(1-2), 1-2. <https://doi.org/10.1007/s11134-008-9061-1>
- Boxma, O. J., Mandjes, M. R. H., & Kella, O. (2008). On a queueing model with service interruptions. *Probability in the Engineering and Informational Sciences*, 22(4), 537-555. <https://doi.org/10.1017/S0269964808000326>
- Boxma, O. J., Wijk, van, A. C. C., & Adan, I. J. B. F. (2008). Polling systems with a gated/exhaustive discipline. In *Value Tools 2008 (Proceedings Third International Conference on Performance Evaluation Methodologies and Tools, Athens, Greece, October 20-24, 2008)* (blz. 9-). ICST. <https://doi.org/10.4108/ICST.VALUETOOLS2008.4381>
- Boxma, O. J., Wal, van der, J., & Yechiali, U. (2008). Polling with batch service. *Stochastic Models*, 24(4), 604-625. <https://doi.org/10.1080/15326340802427497>
- Bekker, R., Boxma, O. J., & Kella, O. (2008). Queues with delays in two-state strategies and Lévy input. *Journal of Applied Probability*, 45(2), 314-332. <https://doi.org/10.1239/jap/1214950350>
- Bekker, R., Boxma, O. J., & Resing, J. A. C. (2008). Queues with service speed adaptations. *Statistica Neerlandica*, 62(4), 441-457. <https://doi.org/10.1111/j.1467-9574.2008.00389.x>
- Vlasiou, M., Adan, I. J. B. F., & Boxma, O. J. (2007). A multi-station queue with dependent interarrival and service times. In *Book of Abstracts of the 14th INFORMS Applied Probability Conference, 9-11 July 2007, Eindhoven, The Netherlands* (blz. 161-). Eurandom & TU/e.
- Bekker, R., & Boxma, O. J. (2007). An M/G/1 queue with adaptable service speed. *Stochastic Models*, 23(3), 373-396. <https://doi.org/10.1080/15326340701470945>
- Adan, I. J. B. F., & Boxma, O. J. (2007). Comments on "Dynamic priority allocation via restless bandit marginal productivity indices". *TOP*, 15(2), 199-201. <https://doi.org/10.1007/s11750-007-0026-z>
- Boxma, O. J., & Vlasiou, M. (2007). On queues with service and interarrival times depending on waiting times. *Queueing Systems*, 56(3-4), 121-132. <https://doi.org/10.1007/s11134-007-9011-3>
- Boxma, O. J., Sharma, V., & Prasad, D. K. (2007). Performance analysis of a fluid queue with random service rate in discrete-time. In L. Mason, T. Drwiega, & J. Yan (editors), *Proceedings of the 20th International Teletraffic Congress (ITC 20) 17-20 June 2007, Ottawa, Canada* (blz. 568-581). (Lecture Notes in Computer Science; Vol. 4516). Springer. https://doi.org/10.1007/978-3-540-72990-7_51
- Boxma, O. J., Wal, van der, J., & Yechiali, U. (2007). Polling with gated batch service. In *Proceedings of the 6th International Conference on Analysis of Manufacturing Systems (AMS 2007) 11-16 May 2007, Lunteren, the Netherlands* (blz. 155-159). Technische Universiteit Eindhoven.

Winands, E. M. M., Wierman, A. C., & Boxma, O. J. (2007). Scheduling in polling systems. In *Book of Abstracts of the 14th INFORMS Applied Probability Conference, July 9-11, 2007* (blz. 58-). Eurandom & TU/e.

Wierman, A. C., Winands, E. M. M., & Boxma, O. J. (2007). Scheduling in polling systems. *Performance Evaluation*, 64(9-12), 1009-1028. <https://doi.org/10.1016/j.peva.2007.06.015>

Boxma, O. J., & Zwart, B. (2007). Tails in scheduling. *Performance Evaluation Review*, 34(4), 13-20. <https://doi.org/10.1145/1243401.1243406>

Kella, O., Boxma, O. J., & Mandjes, M. R. H. (2006). A Lévy process reflected at a Poisson age process. *Journal of Applied Probability*, 43(1), 221-230. <https://doi.org/10.1239/jap/1143936255>

Boxma, O. J., Perry, D., Stadje, W., & Zacks, S. (2006). A Markovian growth-collapse model. *Advances in Applied Probability*, 38(1), 221-243. <https://doi.org/10.1239/aap/1143936148>

Broek, van den, M. S., Leeuwaarden, van, J. S. H., Adan, I. J. B. F., & Boxma, O. J. (2006). Bounds and approximations for the fixed-cycle traffic-light queue. *Transportation Science*, 40(4), 484-496. <https://doi.org/10.1287/trsc.1050.0146>

Boxma, O. J., Hegde, N., & Núñez Queija, R. (2006). Exact and approximate analysis of sojourn times in finite discriminatory processor sharing queues. *AEÜ - International Journal of Electronics and Communications*, 60(2), 109-115. <https://doi.org/10.1016/j.aeue.2005.11.007>

Boxma, O. J., Gabor, A. F., Núñez Queija, R., & Tan, H. P. (2006). Performance analysis of admission control for integrated services with minimum rate guarantees. In *Next Generation Internet Design and Engineering (Proceedings 2nd Conference, NGI2006, Valencia, Spain, April 3-5, 2006)* (blz. 41-47). Institute of Electrical and Electronics Engineers. <https://doi.org/10.1109/NGI.2006.1678221>

Egorova, R. R., Zwart, B., & Boxma, O. J. (2006). Sojourn time tails in the M/D/1 processor sharing queue. *Probability in the Engineering and Informational Sciences*, 20(3), 429-446. <https://doi.org/10.1017/S0269964806060268>

Boxma, O. J., Kaspi, H., Kella, O., & Perry, D. (2005). On/off storage systems with state-dependent input, output, and switching rates. *Probability in the Engineering and Informational Sciences*, 19(1), 1-14. <https://doi.org/10.1017/S0269964805050011>

Albrecher, H., & Boxma, O. J. (2005). On the discounted penalty function in a Markov-dependent risk model. *Insurance: Mathematics and Economics*, 37(3), 650-672. <https://doi.org/10.1016/j.insmatheco.2005.06.007>

Boxma, O. J., Mei, van der, R. D., Resing, J. A. C., & Wingerden, van, K. M. C. (2005). Sojourn time approximations in a two-node queueing network. In X. Liang, Z. Xin, V. B. Iversen, & G. S. Kuo (editors), *Proceedings 19th International Teletraffic Congress (ITC19, Beijing, China, August 29-September 2, 2005)* (blz. 1121-1133). Beijing University of Posts and Telecommunications Press.

Borst, S. C., Boxma, O. J., & Hegde, N. (2005). Sojourn times in finite-capacity processor-sharing queues. In *Next Generation Internet Networks, Proceedings NGI 2005, Rome, Italy, April 18-20, 2005* (blz. 53-60) <https://doi.org/10.1109/NGI.2005.1431647>

Kella, O., Zwart, A. P., & Boxma, O. J. (2005). Some time-dependent properties of symmetric M/G/1 queues. *Journal of Applied Probability*, 42(1), 223-234. <https://doi.org/10.1239/jap/1110381382>

Adan, I. J. B. F., Boxma, O. J., & Perry, D. (2005). The G/M/1 queue revisited. *Mathematical Methods of Operations Research*, 62(3), 437-452. <https://doi.org/10.1007/s00186-005-0032-6>

- Albrecher, H., & Boxma, O. J. (2004). A ruin model with dependence between claim sizes and claim intervals. *Insurance: Mathematics and Economics*, 35(2), 245-254. <https://doi.org/10.1016/j.insmatheco.2003.09.009>
- Bekker, R., Borst, S. C., Boxma, O. J., & Kella, O. (2004). Queues with workload-dependent arrival and service rates. *Queueing Systems*, 46(3-4), 537-556. <https://doi.org/10.1023/B:QUES.0000027998.95375.ee>
- Boxma, O. J., Gijzen, B. M. M., Mei, van der, R. D., & Resing, J. A. C. (2004). Sojourn time approximations in two-node queueing networks. In D. D. Kouvatso, & X. et al. (editors), *Proceedings 2nd International Working Conference on Performance Modelling and Evaluation of Heterogeneous Networks (HET-NETs '04, Ilkley, UK, July 26-28, 2004)* (blz. P17/1-P17/6). Networks UK Publishers.
- Boxma, O. J., Foss, S. G., Lasgouttes, J.-M., & Núñez Queija, R. (2004). Waiting time asymptotics in the single server queue with service in random order. *Queueing Systems*, 46(1-2), 35-73. <https://doi.org/10.1023/B:QUES.0000021141.02821.6d>
- Palmowski, Z. B., Schlegel, S., & Boxma, O. J. (2003). A tandem queue with a gate mechanism. *Queueing Systems*, 43(4), 349-364. <https://doi.org/10.1023/A:1023213914432>
- Boxma, O. J., Denteneer, T. J. J., & Resing, J. A. C. (2003). Delay models for contention trees in closed populations. *Performance Evaluation*, 53(3-4), 169-185. [https://doi.org/10.1016/S0166-5316\(03\)00061-0](https://doi.org/10.1016/S0166-5316(03)00061-0)
- Borovkov, A. A., & Boxma, O. J. (2003). On large deviation probabilities for random walks with heavy tails. *Siberian Advances in Mathematics*, 13, 1-31.
- Borovkov, A. A., Boxma, O. J., & Palmowski, Z. B. (2003). On the integral of the workload process of the single server queue. *Journal of Applied Probability*, 40(1), 200-225. <https://doi.org/10.1239/jap/1044476835>
- Borst, S. C., Boxma, O. J., & Jelenkovic, P. R. (2003). Reduced-load equivalence and induced burstiness in GPS queues with long-tailed traffic flows. *Queueing Systems*, 43(4), 273-306. <https://doi.org/10.1023/A:1023237129453>
- Borst, S. C., Boxma, O. J., Groote, J. F., & Mauw, S. (2003). Task allocation in a multi-server system. *Journal of Scheduling*, 6(5), 423-436. <https://doi.org/10.1023/A:1024840405535>
- Borst, S. C., Boxma, O. J., & Uiter, van, M. J. G. (2003). The asymptotic workload behavior of two coupled queues. *Queueing Systems*, 43(1-2), 81-102. <https://doi.org/10.1023/A:1021852431091>
- Borst, S. C., Boxma, O. J., Morrison, J. A., & Núñez Queija, R. (2003). The equivalence between processor sharing and service in random order. *Operations Research Letters*, 31(4), 254-262. [https://doi.org/10.1016/S0167-6377\(03\)00006-3](https://doi.org/10.1016/S0167-6377(03)00006-3)
- Borst, S. C., Boxma, O. J., Núñez Queija, R., & Zwart, A. P. (2003). The impact of the service discipline on delay asymptotics. *Performance Evaluation*, 54(2), 175-206. [https://doi.org/10.1016/S0166-5316\(03\)00071-3](https://doi.org/10.1016/S0166-5316(03)00071-3)
- Boxma, O. J., & Takine, T. (2003). The M/G/1 FIFO queue with several customer classes. *Queueing Systems*, 45(3), 185-189. <https://doi.org/10.1023/A:1027306700614>
- Boxma, O. J., Schlegel, S., & Yechiali, U. (2002). A note on an M/G/1 queue with a waiting server, timer and vacations. In Y. M. Suhov (editor), *Analytic Methods in Applied Probability : In Memory of Fridrikh Karpelevich* (blz. 25-36). (American Mathematical Society Translations, Series 2; Vol. 207). American Mathematical Society.
- Borst, S. C., Boxma, O. J., & Núñez Queija, R. (2002). Heavy tails : the effect of the service discipline. In T. Field, P. G. Harrison, J. Bradley, & U. Harder (editors), *Computer Performance Evaluation - Modelling Techniques and Tools, Proceedings TOOLS 2002 (London, UK, April 14-17, 2002)* (blz. 1-30). (Lecture Notes in Computer Science; Vol. 2324). Springer. https://doi.org/10.1007/3-540-46029-2_1

Boxma, O. J., Denteneer, T. J. J., & Resing, J. A. C. (2002). Some models for contention resolution in cable networks. In E. Gregori, M. Conti, A. T. Campbell, G. Omidyar, & M. Zukerman (editors), *NETWORKING 2002 : networking technologies, services, and protocols; performance of computer and communication networks; mobile and wireless communications : second international IFIP-TC6 networking conference Pisa, Italy, May 19–24, 2002 : proceedings* (blz. 117-128). (Lecture Notes in Computer Science; Vol. 2345). Springer. https://doi.org/10.1007/3-540-47906-6_9

Boxma, O. J., Schlegel, S., & Yechiali, U. (2002). Two-queue polling models with a patient server. *Annals of Operations Research*, 112(1-4), 101-121. <https://doi.org/10.1023/A:1020929021474>

Boxma, O. J., Deng, Q., & Zwart, A. P. (2002). Waiting-time asymptotics for the M/G/2 queue with heterogeneous servers. *Queueing Systems*, 40(1), 5-31. <https://doi.org/10.1023/A:1017913826973>

Boxma, O. J., Kella, O., & Perry, D. (2001). An intermittent fluid system with exponential on-times and semi-Markov input rates. *Probability in the Engineering and Informational Sciences*, 15(2), 189-198. <https://doi.org/10.1017/S0269964801152046>

Boxma, O. J., & Perry, D. (2001). A queueing model with dependence between service and interarrival times. *European Journal of Operational Research*, 128(3), 611-624. [https://doi.org/10.1016/S0377-2217\(99\)00396-3](https://doi.org/10.1016/S0377-2217(99)00396-3)

Boxma, O. J., Perry, D., & Stadje, W. (2001). Clearing models for M/G/1 queues. *Queueing Systems*, 38(3), 287-306. <https://doi.org/10.1023/A:1010903605577>

Boxma, O. J. (2001). Files van files - WWW en de wonderde wereld van de wachtrij. *Kwantitatieve Methoden*, 67, 81-95.

Adan, I. J. B. F., Boxma, O. J., & Resing, J. A. C. (2001). Queueing models with multiple waiting lines. *Queueing Systems*, 37(1-3), 65-98. <https://doi.org/10.1023/A:1011040100856>

Boxma, O. J., & Kurkova, I. A. (2001). The M/G/1 queue with two service speeds. *Advances in Applied Probability*, 33(2), 520-540. <https://doi.org/10.1239/aap/999188327>

Borst, S. C., Boxma, O. J., & Uiter, van, M. J. G. (2001). Two coupled queues with heterogeneous traffic. In J. Moreira de Souza, N. L. S. Fonseca, da, & E. A. Souza e Silva, de (editors), *Teletraffic Engineering in the Internet Era, Proceedings ITC-17* (blz. 1003-1014). Elsevier.

Borst, S. C., Boxma, O. J., & Jelenkovic, P. R. (2000). Asymptotic behavior of Generalized Processor Sharing with long-tailed traffic sources. In R. Rom, H. Schulzrinne, & M. Sidi (editors), *Proceedings INFOCOM 2000 (Tel Aviv, Israel, March 26-30, 2000)* (blz. 912-921). Artikel 832266 Institute of Electrical and Electronics Engineers. <https://doi.org/10.1109/INFCOM.2000.832266>

Boxma, O. J., & Deng, Q. (2000). Asymptotic behaviour of the tandem queueing system with identical service times at both queues. *Mathematical Methods of Operations Research*, 52(2), 307-323. <https://doi.org/10.1007/s186-000-8317-z>

Borst, S. C., Boxma, O. J., & Jelenkovic, P. R. (2000). Coupled processors with regularly varying service times. In R. Rom, H. Schulzrinne, & M. Sidi (editors), *Proceedings INFOCOM 2000 (Tel Aviv, Israel, March 26-30, 2000)* (blz. 157-164). Artikel 832184 Institute of Electrical and Electronics Engineers. <https://doi.org/10.1109/INFCOM.2000.832184>

Adan, I. J. B. F., Boxma, O. J., & Wal, van der, J. (2000). Guest editorial : special issue on Stochastic Operations Research in honour of Jaap Wessels. *Statistica Neerlandica*, 54(2), 113-115. <https://doi.org/10.1111/1467-9574.00130>

Boxma, O. J., Deng, Q., & Resing, J. A. C. (2000). Polling systems with regularly varying service and/or switchover times. *Advances in Performance Analysis*, 3(2), 71-107.

- Zwart, A. P., & Boxma, O. J. (2000). Sojourn time asymptotics in the M/G/1 processor sharing queue. *Queueing Systems*, 35(1-4), 141-166. <https://doi.org/10.1023/A:1019142010994>
- Boxma, O. J., & Kurkova, I. A. (2000). The M/M/1 queue in a heavy-tailed random environment. *Statistica Neerlandica*, 54(2), 221-236. <https://doi.org/10.1111/1467-9574.00138>
- Borst, S. C., Boucherie, R. J., & Boxma, O. J. (1999). ERMR: a generalised Equivalent Random Method for overflow systems with Repacking. In P. Key, & D. Smith (editors), *Teletraffic Engineering in a Competitive World, Proceedings ITC-16* (blz. 313-323). Elsevier.
- Boxma, O. J., Perry, D., & Duyn Schouten, van der, F. A. (1999). Fluid queues and mountain processes. *Probability in the Engineering and Informational Sciences*, 13(4), 407-427. <https://doi.org/doi:10.1017/S0269964899134028>, <https://doi.org/10.1017/S0269964899134028>
- Borst, S. C., Boxma, O. J., & Jelenkovic, P. R. (1999). Generalized Processor Sharing with long-tailed traffic sources. In P. Key, & D. Smith (editors), *Teletraffic Engineering in a Competitive World, Proceedings ITC-16* (blz. 345-354). Elsevier.
- Boxma, O. J., & Cohen, J. W. (1999). Heavy-traffic analysis for the GI/G/1 queue with heavy-tailed distributions. *Queueing Systems*, 33(1-3), 177-204. <https://doi.org/10.1023/A:1019124112386>
- Boxma, O. J., Cohen, J. W., & Deng, Q. (1999). Heavy-traffic analysis of the M/G/1 queue with priority classes. In P. Key, & D. Smith (editors), *Teletraffic Engineering in a Competitive World, Proceedings ITC-16* (blz. 1157-1167). Elsevier.
- Borst, S. C., Boxma, O. J., & Jelenkovic, P. R. (1999). Induced burstiness in Generalized Processor Sharing queues with long-tailed traffic flows. In *Proceedings 37th Annual Allerton Conference on Communication, Control and Computing* University of Illinois.
- Núñez Queija, R., & Boxma, O. J. (1998). Analysis of a multi-server queueing model of ABR. *Journal of Applied Mathematics and Stochastic Analysis*, 11(3), 339-354. <https://doi.org/10.1155/S1048953398000288>
- Boxma, O. J., & Dumas, V. (1998). Fluid queues with long-tailed activity period distributions. *Computer Communications*, 21(17), 1509-1529. [https://doi.org/10.1016/S0140-3664\(98\)00219-9](https://doi.org/10.1016/S0140-3664(98)00219-9)
- Boxma, O. J., & Dumas, V. (1998). The busy period in the fluid queue. *Performance Evaluation Review*, 26(1), 100-110. <https://doi.org/10.1145/277851.277881>
- Boxma, O. J., & Cohen, J. W. (1998). The M/G/1 queue with heavy-tailed service time distribution. *IEEE Journal on Selected Areas in Communications*, 16(5), 749-763. <https://doi.org/10.1109/49.700910>
- Boxma, O. J., & Yechiali, U. (1997). An M/G/1 queue with multiple types of feedback and gated vacations. *Journal of Applied Probability*, 34(3), 773-784. <https://doi.org/10.2307/3215102>
- Boucherie, R. J., Boxma, O. J., & Sigman, K. (1997). A note on negative customers, GI/G/1 workload, and risk processes. *Probability in the Engineering and Informational Sciences*, 11(3), 305-311. <https://doi.org/10.1017/S0269964800004848>
- Boxma, O. J., & Down, D. G. (1997). Dynamic server assignment in a two-queue model. *European Journal of Operational Research*, 103(3), 595-609. [https://doi.org/10.1016/S0377-2217\(97\)82089-9](https://doi.org/10.1016/S0377-2217(97)82089-9)
- Borst, S. C., & Boxma, O. J. (1997). Polling models with and without switchover times. *Operations Research*, 45(4), 536-543. <https://doi.org/10.1287/opre.45.4.536>

Boxma, O. J. (1997). Regular variation in a multi-source fluid queue. In V. Ramaswami, & P. E. Wirth (editors), *Teletraffic Contributions for the Information Age (Proceedings 15th International Teletraffic Congress, ITC-15, Washington DC, USA, June 22-27, 1997)* (blz. 391-402). Elsevier.

Boxma, O. J. (1996). Fluid queues and regular variation. *Performance Evaluation*, 27-28, 699-712. [https://doi.org/10.1016/S0166-5316\(96\)90052-8](https://doi.org/10.1016/S0166-5316(96)90052-8)

Boxma, O. J., & Lotov, V. I. (1996). On a class of one-dimensional random walks. *Markov Processes and Related Fields*, 2(2), 349-362.

Boucherie, R. J., & Boxma, O. J. (1996). The workload in the M/G/1 queue with work removal. *Probability in the Engineering and Informational Sciences*, 10(2), 261-277. <https://doi.org/10.1017/S0269964800004320>

Bayer, N., & Boxma, O. J. (1996). Wiener-Hopf analysis of an M/G/1 queue with negative customers and of a related class of random walks. *Queueing Systems*, 23(1-4), 301-316. <https://doi.org/10.1007/BF01206563>

Boxma, O. J., & Down, D. G. (1995). A polling model with threshold switching. In I. Norros, & J. Virtamo (editors), *Proceedings 12th Nordic Teletraffic Seminar (NTS-12, Otaniemi (Espoo), Finland, August 22-24, 1995)* VTT Technical Research Center of Finland.

Borst, S. C., Boxma, O. J., & Levy, H. (1995). The use of service limits for efficient operation of multi-station single-medium communication systems. *IEEE/ACM Transactions on Networking*, 3(5), 602-612. <https://doi.org/10.1109/90.469947>

Boxma, O. J., & Waal, de, P. R. (1994). Multiserver queues with impatient customers. In J. Labetoulle, & J. W. Roberts (editors), *The Fundamental Role of Teletraffic in the Evolution of Telecommunications Networks (Proceedings 14th International Teletraffic Congress, ITC-14, Antibes Juan-les-Pins, France, June 6-10, 1994)* (blz. 743-756). Elsevier.

Borst, S. C., Boxma, O. J., Harink, J. H. A., & Huitema, G. B. (1994). Optimization of fixed time polling schemes. *Telecommunication Systems*, 3(1), 31-59. <https://doi.org/10.1007/BF02110043>

Borst, S. C., Boxma, O. J., Harink, J. H. A., & Huitema, G. B. (1994). Optimization of fixed time polling schemes (Abstract). In H. Dyckhoff, U. Derigs, M. Salomon, & H. C. Tijms (editors), *Operations Research Proceedings 1993 (Papers of the 22nd Annual Meeting of DGOR, in cooperation with NSOR, Amsterdam, The Netherlands, August 25-27, 1993)* (blz. 518-). Springer.

Combé, M. B., & Boxma, O. J. (1994). Optimization of static traffic allocation policies. *Theoretical Computer Science*, 125(1), 17-43. [https://doi.org/10.1016/0304-3975\(94\)90292-5](https://doi.org/10.1016/0304-3975(94)90292-5)

Boxma, O. J., & Kelbert, M. (1994). Stochastic bound for a polling system. *Annals of Operations Research*, 48(3), 295-310. <https://doi.org/10.1007/BF02024662>

Boxma, O. J., & Resing, J. A. C. (1994). Tandem queues with deterministic service times. *Annals of Operations Research*, 49(1), 221-239. <https://doi.org/10.1007/BF02031599>

Boxma, O. J., Weststrate, J. A., & Yechiali, U. (1993). A globally gated polling system with server interruptions, and applications to the repairman problem. *Probability in the Engineering and Informational Sciences*, 7(2), 187-208. <https://doi.org/10.1017/S0269964800002862>

Borst, S. C., & Boxma, O. J. (1993). An M/G/1 queue with customer collection. *Communications in Statistics. Stochastic Models*, 9(3), 341-371. <https://doi.org/10.1080/15326349308807270>

- Boxma, O. J., Levy, H., & Weststrate, J. A. (1993). Efficient visit orders for polling systems. *Performance Evaluation*, 18(2), 103-123. [https://doi.org/10.1016/0166-5316\(93\)90031-O](https://doi.org/10.1016/0166-5316(93)90031-O)
- Boxma, O. J., Houtum, van, G. J. J. A. N., & Wal, van der, J. (1993). The compensation approach applied to a 2x2 switch. *Probability in the Engineering and Informational Sciences*, 7(4), 471-493. <https://doi.org/10.1017/S0269964800003089>
- Boxma, O. J., & Combé, M. B. (1993). The correlated M/G/1 queue. *AEÜ - International Journal of Electronics and Communications*, 47, 330-335.
- Borst, S. C., Boxma, O. J., & Combé, M. B. (1992). Collection of customers : a correlated M/G/1 queue. In *Proceedings Performance'92* (blz. 47-59). (ACM SIGMETRICS Performance Evaluation Review; Vol. 20).
- Boxma, O. J., Levy, H., & Yechiali, U. (1992). Cyclic reservation schemes for efficient operation of multiple-queue single-server systems. *Annals of Operations Research*, 35(3), 187-208. <https://doi.org/10.1007/BF02188704>
- Boxma, O. J., Takagi, H., & Takine, T. (1992). Distribution of the workload in multiclass queuing systems with server vacations. *Naval Research Logistics*, 39, 41-52. [https://doi.org/10.1002/1520-6750\(199202\)39:1<41::AID-NAV3220390104>3.0.CO;2-K](https://doi.org/10.1002/1520-6750(199202)39:1<41::AID-NAV3220390104>3.0.CO;2-K)
- Boxma, O. J. (1991). Analysis and optimization of polling systems. In J. W. Cohen, & C. D. Pack (editors), *Queueing, Performance and Control in ATM (Proceedings 13th International Teletraffic Congress, ITC-13, Copenhagen, Denmark, June 19-26, 1991)* (blz. 173-183). North-Holland Publishing Company.
- Boxma, O. J., & Kindervater, G. A. P. (1991). A queueing network model for analyzing a class of branch-and-bound algorithms on a master-slave architecture. *Operations Research*, 39(6), 1005-1017. <https://doi.org/10.1287/opre.39.6.1005>
- Boxma, O. J., Levy, H., & Weststrate, J. A. (1991). Efficient visit frequencies for polling tables: minimization of waiting cost. *Queueing Systems*, 9(1-2), 133-162. <https://doi.org/10.1007/BF01158795>
- Boxma, O. J., & Cohen, J. W. (1991). The M/G/1 queue with permanent customers. *IEEE Journal on Selected Areas in Communications*, 9(2), 179-184. <https://doi.org/10.1109/49.68445>
- Berg, van den, J. L., & Boxma, O. J. (1991). The M/G/1 queue with processor sharing and its relation to a feedback queue. *Queueing Systems*, 9(4), 365-401. <https://doi.org/10.1007/BF01159223>
- Boxma, O. J., Groenendijk, W. P., & Weststrate, J. A. (1990). A pseudoconservation law for service systems with a polling table. *IEEE Transactions on Communications*, 38(10), 1865-1870. <https://doi.org/10.1109/26.61458>
- Levy, H., Sidi, M., & Boxma, O. J. (1990). Dominance relations in polling systems. *Queueing Systems*, 6(1), 155-171. <https://doi.org/10.1007/BF02411471>
- Boxma, O. J., & Otter, den, W. (1990). Hereditary cancer and its clinical implications : a view. *Anticancer Research*, 10, 489-496.
- Boxma, O. J., Rinnooy Kan, A. H. G., & Vliet, van, M. (1990). Machine allocation problems in manufacturing networks. *European Journal of Operational Research*, 45(1), 47-54. [https://doi.org/10.1016/0377-2217\(90\)90155-5](https://doi.org/10.1016/0377-2217(90)90155-5)
- Boxma, O. J., & Otter, den, W. (1990). Oncogenesis by mutations in anti-oncogenes : a view. *Anticancer Research*, 10, 475-488.

- Boxma, O. J., Levy, H., & Weststrate, J. A. (1990). Optimization of polling systems. In P. J. B. King, I. Mitrani, & R. Pooley (editors), *Performance'90 (Proceedings 14th IFIP WG7.3 International Symposium on Computer Performance Modelling, Measurement and Evaluation, Edinburgh, Scotland, September 12-14, 1990)* (blz. 341-361). North-Holland Publishing Company.
- Boxma, O. J., & Groenendijk, W. P. (1990). Performance analysis of polling systems. *CWI Quarterly*, 3(1), 67-72.
- Boxma, O. J., & Daduna, H. (1990). Sojourn times in queueing networks. In H. Takagi (editor), *Stochastic Analysis of Computer and Communication Systems* (blz. 401-450). North-Holland Publishing Company.
- Boxma, O. J., Kinderen, der, D. J., Kotten, J. W., & Otter, den, W. (1990). Stochastic theory of oncogenesis. *Anticancer Research*, 10, 497-504.
- Boxma, O. J. (1989). Multi-queue systems with cyclic service strategies (Abstract). In D. Pressmar, K. E. Jäger, H. Krallmann, H. Schellhaas, & L. Streitferdt (editors), *Operations Research Proceedings 1988 (Papers of the 17th Annual Meeting of DGOR, Berlin, Germany, September 13-16, 1988)* (blz. 243-). Springer.
- Berg, van den, J. L., & Boxma, O. J. (1989). Sojourn times in feedback and processor sharing queues. In M. Bonatti (editor), *Teletraffic science for new cost-effective systems, networks and services (Proceedings 12th International Teletraffic Congress, ITC-12, Torino, Italy, June 1-8, 1988)* (blz. 1467-1475). North-Holland Publishing Company.
- Berg, van den, J. L., & Boxma, O. J. (1989). Sojourn times in feedback queues. In H. Schellhaas, P. Beek, van, H. Isermann, R. Schmidt, & M. Zijlstra (editors), *Operations Research Proceedings 1987 (Papers of the 16th Annual Meeting of DGOR, in cooperation with NSOR, Veldhoven, The Netherlands, September 23-25, 1987)* (blz. 478-478). Springer. https://doi.org/10.1007/978-3-642-73778-7_119
- Boxma, O. J., Berg, van den, J. L., & Groenendijk, W. P. (1989). Sojourn times in the M/G/1 queue with deterministic feedback. *Communications in Statistics. Stochastic Models*, 5(1), 115-129. <https://doi.org/10.1080/15326348908807101>
- Boxma, O. J., & Weststrate, J. A. (1989). Waiting times in polling systems with Markovian server routing. In G. Stiege, & J. S. Lie (editors), *Messung, Modellierung und Bewertung von Rechensystemen und Netzen: 5. GI/ITG-Fachtagung Braunschweig, 26.-28. September 1989, Proceedings* (blz. 89-105). (Informatik-Fachberichte; Vol. 218). Springer. https://doi.org/10.1007/978-3-642-75079-3_8
- Boxma, O. J. (1989). Workloads and waiting times in single-server systems with multiple customer classes. *Queueing Systems*, 5(1-3), 185-214. <https://doi.org/10.1007/BF01149192>
- Boxma, O. J., & Groenendijk, W. P. (1988). Waiting times in discrete-time cyclic-service systems. *IEEE Transactions on Communications*, 36(2), 164-170. <https://doi.org/10.1109/26.2746>
- Boxma, O. J., & Groenendijk, W. P. (1987). Pseudo-conservation laws in cyclic-service systems. *Journal of Applied Probability*, 24(4), 949-964. <https://doi.org/10.2307/3214218>
- Boxma, O. J., & Meister, B. W. (1987). Waiting-time approximations for cyclic-service systems with switchover times. *Performance Evaluation*, 7(4), 299-308. [https://doi.org/10.1016/0166-5316\(87\)90015-0](https://doi.org/10.1016/0166-5316(87)90015-0)
- Boxma, O. J., & Meister, B. W. (1987). Waiting-time approximations in multi-queue systems with cyclic service. *Performance Evaluation*, 7(1), 59-70. [https://doi.org/10.1016/0166-5316\(87\)90057-5](https://doi.org/10.1016/0166-5316(87)90057-5)
- Boxma, O. J. (1986). A queueing model of finite and infinite source interaction. *Operations Research Letters*, 5(5), 245-254. [https://doi.org/10.1016/0167-6377\(86\)90016-7](https://doi.org/10.1016/0167-6377(86)90016-7)

- Boxma, O. J., & Forst, F. G. (1986). Minimizing the expected weighted number of tardy jobs in stochastic flow shops. *Operations Research Letters*, 5(3), 119-126. [https://doi.org/10.1016/0167-6377\(86\)90084-2](https://doi.org/10.1016/0167-6377(86)90084-2)
- Boxma, O. J., & Meister, B. W. (1986). Waiting-time approximations for cyclic-service systems with switch-over times. In *Proceedings 1986 ACM SIGMETRICS Joint International Conference on Computer Performance Modelling, Measurement and Evaluation (Sigmetrics'86/Performance'86, Raleigh NC, USA, May 28-30, 1986)* (blz. 254-262). (ACM SIGMETRICS Performance Evaluation Review; Vol. 14(1)). Association for Computing Machinery, Inc.
- Boxma, O. J. (1985). A probabilistic analysis of multiprocessor list scheduling : the Erlang case. *Communications in Statistics. Stochastic Models*, 1(2), 209-220. <https://doi.org/10.1080/15326348508807011>
- Boxma, O. J. (1985). A probabilistic analysis of the LPT scheduling rule. In E. Gelenbe (editor), *Models of computer system performance (Proceedings 10th IFIP WG7.3 International Symposium on Computer Performance Modelling, Measurement and Evaluation, Paris, France, December 19-21, 1984)* (blz. 475-490). North-Holland Publishing Company.
- Cohen, J. W., & Boxma, O. J. (1985). A survey of the evolution of queueing theory. *Statistica Neerlandica*, 39(2), 143-158. <https://doi.org/10.1111/j.1467-9574.1985.tb01134.x>
- Boxma, O. J. (1985). Two symmetric queues with alternating service and switching times. In E. Gelenbe (editor), *Models of computer system performance (Proceedings 10th IFIP WG7.3 International Symposium on Computer Performance Modelling, Measurement and Evaluation, Paris, France, December 19-21, 1984)* (blz. 409-431). North-Holland Publishing Company.
- Boxma, O. J. (1984). Analysis of successive cycles in a cyclic queue. In W. Bux, & H. Rudin (editors), *Performance of Computer-Communication Systems (Proceedings 2nd IFIP WG7.3/TC6 International Symposium, Zurich, Switzerland, March 21-23, 1984)* (blz. 293-306). North-Holland Publishing Company.
- Boxma, O. J. (1984). Joint distribution of sojourn time and queue length in the M/G/1 queue with (in)finite capacity. *European Journal of Operational Research*, 16(2), 246-256. [https://doi.org/10.1016/0377-2217\(84\)90078-X](https://doi.org/10.1016/0377-2217(84)90078-X)
- Boxma, O. J. (1984). M/G/infinite tandem queues. *Stochastic Processes and their Applications*, 18(1), 153-164. [https://doi.org/10.1016/0304-4149\(84\)90168-6](https://doi.org/10.1016/0304-4149(84)90168-6)
- Boxma, O. J. (1984). The joint arrival and departure process for the M/M/1 queue. *Statistica Neerlandica*, 38(3), 199-208. <https://doi.org/10.1111/j.1467-9574.1984.tb01110.x>
- Boxma, O. J., Kelly, F. P., & Konheim, A. G. (1984). The product form for sojourn time distributions in cyclic exponential queues. *Journal of the ACM*, 31(1), 128-133. <https://doi.org/10.1145/2422.322419>
- Boxma, O. J. (1984). Two identical communication channels in series with a finite intermediate buffer and overflow. In F. Baccelli, & G. Fayolle (editors), *Modelling and Performance Evaluation Methodology (Proceedings of the International Seminar, Paris, France, January 24-26, 1983)* (blz. 613-638). (Lecture Notes in Control and Information Sciences; Vol. 60). Springer. <https://doi.org/10.1007/BFb0005195>
- Boxma, O. J. (1983). The cyclic queue with one general and one exponential server. *Advances in Applied Probability*, 15(4), 857-873. <https://doi.org/10.2307/1427328>
- Boxma, O. J., & Donk, P. (1982). On response time and cycle time distributions in a two-stage cyclic queue. *Performance Evaluation*, 2(3), 181-194. [https://doi.org/10.1016/0166-5316\(82\)90010-4](https://doi.org/10.1016/0166-5316(82)90010-4)
- Boxma, O. J., & Cohen, J. W. (1981). The M/G/1 queue with alternating service formulated as a Riemann-Hilbert problem. In F. J. Kylstra (editor), *Performance'81 (Proceedings 8th IFIP WG7.3 International Symposium on Computer Performance Modelling, Measurement and Evaluation, Amsterdam, The Netherlands, November 4-6, 1981)* (blz. 181-199). North-Holland Publishing Company.

- Boxma, O. J., & Konheim, A. G. (1980). Approximate analysis of exponential queueing systems with blocking. *Acta Informatica*, 15(1), 19-66. <https://doi.org/10.1007/BF00269808>
- Boxma, O. J. (1980). The longest service time in a busy period. *Zeitschrift fuer Operations Research*, 24(7), 235-242. <https://doi.org/10.1007/BF01919902>
- Boxma, O. J., Cohen, J. W., & Huffels, N. (1979). Approximations of the mean waiting time in an M/G/s queueing system. *Operations Research*, 27(6), 1115-1127. <https://doi.org/10.1287/opre.27.6.1115>
- Boxma, O. J. (1979). On a tandem queueing model with identical service times at both counters, I. *Advances in Applied Probability*, 11(3), 616-643. <https://doi.org/10.2307/1426958>
- Boxma, O. J. (1979). On a tandem queueing model with identical service times at both counters, II. *Advances in Applied Probability*, 11(3), 644-659. <https://doi.org/10.2307/1426959>
- Boxma, O. J. (1979). Two queues in series with non-overlapping service times. In *Proceedings 9th International Teletraffic Congress (ITC-9, Torremolinos, Spain, October 16-24, 1979)* s.n..
- Boxma, O. J. (1978). On the distribution of the supremum of the service times in a busy cycle of the M/G/1 queueing system. *Advances in Applied Probability*, 10(2), 314-315. <https://doi.org/10.2307/1426914>
- Boxma, O. J. (1978). On the longest service time in a busy period of the M/G/1 queue. *Stochastic Processes and their Applications*, 8(1), 93-100. [https://doi.org/10.1016/0304-4149\(78\)90070-4](https://doi.org/10.1016/0304-4149(78)90070-4)
- Boxma, O. J. (1976). Note on a control problem of Balachandran and Tijms. *Management Science*, 22(8), 916-917. <https://doi.org/10.1287/mnsc.22.8.916>
- Boxma, O. J. (1975). The single-server queue with random service output. *Journal of Applied Probability*, 12(4), 763-778. <https://doi.org/10.2307/3212727>