Utilizarei esse documento como registro para meu plano de trabalho referente a minha dissertação.

Tema central da minha dissertação: previsão de disponibilidade de recursos computacionais

Pergunta principal: "Qual é a eficácia da previsão de disponibilidade de recursos computacionais utilizando a técnica de carta de controle I-AM para melhorar o escalonamento de tarefas em sistemas distribuídos?"

Alguma definição e discussões

Carta **I-AM ()**

Amplitude móvel

A amplitude móvel é uma técnica utilizada em análise de dados para suavizar séries temporais, reduzindo a influência de flutuações aleatórias ou de curto prazo. Ela consiste em calcular a média móvel dos valores da série, em que a média é calculada em um intervalo de tempo específico que se desloca pela série.

A amplitude móvel é útil para analisar séries temporais em que há flutuações aleatórias, sazonalidade ou tendências de longo prazo, permitindo identificar padrões e fazer previsões mais precisas.

Revisão sistemática

O preenchimento do fluxograma PRISMA 2020 para novas revisões sistemáticas envolve os seguintes passos:

1. Título: "Uma Revisão Sistemática da Abordagem de Previsão da Disponibilidade de Recursos Computacionais usando Carta de Controle I-AM em Sistemas Distribuídos"

2. Identificação: *Registre a identificação da revisão sistemática, como número de registro ou identificador único.*

   PPGCC - 01

3. Fontes de informação: *Liste as bases de dados e outras fontes de informação que foram pesquisadas para identificar os estudos relevantes.*

   - Scopus
   - Web of Science

- IEEE Xplore
- ACM Digital Library
- SpringerLink
- ScienceDirect
- Web of Science
- Wiley

4. Estratégia de busca: Descreva a estratégia de busca utilizada, incluindo os termos de pesquisa e os critérios de inclusão e exclusão adotados.

   Aqui defino uma lista de palavras-chave relevantes para o meu estudo, incluindo sinônimos e variações. Em seguida, seleciono as bases de dados que irei utilizar para fazer a pesquisa bibliográfica.

   Termos de pesquisa:

   - Disponibilidade de recursos computacionais
   - Previsão de recursos
   - Carta de controle I-AM (Individual com Amplitudes Móveis) e I-MR(Individual com Moving Range)
   - Controle estatístico de processos
   - Gerenciamento de recursos computacionais
   - Análise de desempenho
   - Sistemas distribuídos
   - Computação em nuvem

   Sinônimos e variações:

   - Recursos de computação
   - Capacidade computacional
   - Controle estatístico de qualidade
   - Gráfico de controle I-AM (Individual com Amplitudes Móveis)
   - Gerenciamento de desempenho
   - Sistema distribuído em nuvem
   - Cloud computing

   Bases de dados:

   - Scopus
   - Web of Science
   - IEEE Xplore
   - ACM Digital Library
   - SpringerLink
   - ScienceDirect
   - Wiley
   - Google Scholar
   - ScienceDirect

Possíveis strings de busca:

- "Disponibilidade de recursos computacionais" AND "Carta de controle I-AM"
- "Previsão de recursos" AND "Controle estatístico de processos"
- "Gerenciamento de recursos computacionais" AND "Análise de desempenho"
- "Sistemas distribuídos" AND "Carta de controle I-AM"
- "Computação em nuvem" AND "Controle estatístico de processos"
- ("Disponibilidade de recursos computacionais" OR "Recursos de computação" OR "Capacidade computacional") AND ("Carta de controle I-AM" OR "Gráfico de controle I-AM" OR "Controle estatístico de qualidade")
- ("Previsão de recursos" OR "Gerenciamento de recursos computacionais" OR "Gerenciamento de desempenho") AND ("Controle estatístico de processos" OR "Carta de controle I-AM" OR "Gráfico de controle I-AM")
- ("Análise de desempenho" OR "Sistemas distribuídos" OR "Sistema distribuído em nuvem" OR "Cloud computing") AND ("Carta de controle I-AM" OR "Gráfico de controle I-AM" OR "Controle estatístico de qualidade")

String de busca em inglês (Todos os campos)

- "Availability of computational resources" AND "I-MR control chart"
- "Resource Forecasting" AND "Statistical Process Control"
- "Computing resource management" AND "Performance analysis"
- "Distributed Systems" AND "I-MR Control Chart"
- "Cloud Computing" AND "Statistical Process Control"
- ("Availability of Computing Resources" OR "Computing Resources" OR "Computing Capacity") AND ("I-MR Control Chart" OR "I-MR Control Chart" OR "Statistical Quality Control")
- ("Resource Forecasting" OR "Computing Resource Management" OR "Performance Management") AND ("Statistical Process Control" OR "I-MR Control Chart" OR "I-MR Control Chart")
- ("Performance analysis" OR "Distributed systems" OR "Distributed cloud system" OR "Cloud computing") AND ("I-MR control chart" OR "I-MR control chart" OR "Statistical quality control")

5. Seleção de estudos: Apresente o número total de estudos identificados na busca inicial, quantos foram selecionados para a revisão completa e o número final de estudos incluídos na análise.

6. Coleta de dados: Explique como os dados foram extraídos dos estudos incluídos, indicando as variáveis de interesse e os métodos utilizados.

7. Avaliação do risco de viés: Descreva como o risco de viés foi avaliado nos estudos incluídos, mencionando as ferramentas utilizadas (por exemplo, Cochrane Risk of Bias Tool) e os critérios considerados.

8. Síntese dos resultados: Apresente os principais resultados da revisão sistemática, incluindo a descrição dos estudos incluídos, as medidas de efeito utilizadas e os principais achados.

9. Avaliação da certeza das evidências: Discuta a qualidade das evidências encontradas, considerando a confiabilidade e a relevância dos estudos incluídos.

10. Fluxograma: Preencha o fluxograma PRISMA propriamente dito, seguindo as etapas de identificação, seleção, elegibilidade e inclusão dos estudos.

11. Limitações: Identifique as limitações da revisão sistemática, como possíveis vieses, heterogeneidade dos estudos ou falta de dados.

12. Conclusões: Faça uma conclusão geral da revisão sistemática, destacando os principais achados e suas implicações práticas.

Certifique-se de seguir as diretrizes do PRISMA 2020 e adaptar o preenchimento do fluxograma de acordo com as especificidades da sua revisão sistemática.

Objetivo da revisão sistemática

- Identificar as abordagens mais eficazes e inovadoras para previsão da disponibilidade de recursos computacionais em sistemas distribuídos e em nuvem;
- Avaliar a qualidade e a confiabilidade dos estudos que investigaram o uso da carta de controle I-AM para previsão da disponibilidade de recursos computacionais em sistemas distribuídos e em nuvem;
- Identificar as técnicas de controle estatístico de processos mais aplicadas em sistemas distribuídos e em nuvem;
- Investigar as práticas e desafios atuais relacionados à previsão da disponibilidade de recursos computacionais em sistemas distribuídos e em nuvem;
- Propor recomendações e diretrizes para a melhoria do gerenciamento de recursos computacionais em sistemas distribuídos e em nuvem por meio da previsão da disponibilidade de recursos com o uso da carta de controle I-AM e técnicas de controle estatístico de processos.

Perguntas de pesquisa

- Quais são os métodos mais utilizados para previsão da disponibilidade de recursos computacionais em sistemas distribuídos e em nuvem?
- Qual é a efetividade da utilização da carta de controle I-AM como ferramenta para previsão da disponibilidade de recursos computacionais em sistemas distribuídos e em nuvem?
- Quais são as principais técnicas de controle estatístico de processos aplicadas em sistemas distribuídos e em nuvem?

- Como o gerenciamento de recursos computacionais pode ser melhorado em sistemas distribuídos e em nuvem por meio da análise de desempenho e do controle estatístico de processos?
- Quais são as tendências e desafios atuais relacionados à previsão da disponibilidade de recursos computacionais em sistemas distribuídos e em nuvem?

Critérios de inclusão e exclusão dos trabalhos encontrados

Critérios de inclusão:

- Tema: O trabalho deve abordar o tema de monitoramento ou previsão de recursos computacionais.
- Método: O trabalho deve utilizar a carta de controle I-MR ou alguma variação de carta de controle ou alguma ferramenta ou método de controle estatístico de processo.;
- Ano: Artigos publicados entre 2018 e 2023;
- Idioma: Artigos publicados em português ou inglês;

Critérios de exclusão:

- Tema: Estudos que não abordem a temática central da pesquisa;
- Disponibilidade: o trabalho deve estar disponível integralmente;
- Integridade: Artigos que não estejam disponíveis integralmente;
- Duplicidade: Artigos duplicados.

Base		**Após remoção dos duplicados**
Scopus	787	753
Web of Science	3	3
IEEE Xplore	9	9
ACM Digital Library	18	7
SpringerLink	779	482
ScienceDirect	193	40
Wiley	47	30
TOTAL	1836	1324

Diagrama PRISMA

META PARA A QUALIFICAÇÃO

- Introdução e contexto: Comece sua dissertação fornecendo uma introdução clara sobre o problema da disponibilidade de recursos computacionais e sua importância. Explique como a previsão pode ser útil nesse contexto.

- Revisão da literatura: Realize uma revisão abrangente da literatura existente sobre previsão da disponibilidade de recursos computacionais, bem como sobre o uso da Carta de Controle I-AM em outras áreas. Identifique as abordagens e métodos que foram propostos anteriormente, discutindo suas vantagens e limitações.

- Descrição da abordagem proposta: Apresente detalhadamente a sua abordagem para prever a disponibilidade de recursos computacionais usando a Carta de Controle I-AM. Explique os princípios teóricos subjacentes e forneça uma descrição clara dos passos metodológicos envolvidos.

- Metodologia e experimentos: Descreva a metodologia que você irá utilizar para avaliar e validar a eficácia da sua abordagem. Discuta os dados que serão coletados e as métricas de desempenho que serão utilizadas. Realize experimentos e análises para demonstrar a aplicabilidade e a efetividade da sua abordagem.

key	title	year	incluido?	razao exclusao	journal	issn	volume	issue	pages	authors	url	language	publisher	location	abstract	notes	doi	keywords	pubmed_id	pmc_id
rayyan-4888511	Decentralized kubernetes federation control plane	2020		Escop…	Proceedings - 20	978-073812394-3 (ISBN)			354-359	Larsson, L. and	https://www.scop	English	Institute of Electr	["Umea Universi	This position pap	Export Date: 21	10.1109/UCC48	Cloud computing;Distributed algorithms;Distributed databases;Distributed systems;Federated cloud computing;Kubernetes;Computer pro		
rayyan-4888511	Task offloading paradigm in mobile edge computing-current issues, adopted approaches, and future direct	2023		Enfoq…	Journal of Netwo	10848045 (ISSN	212			Akhlaqi, M.Y. an	https://www.scop	English	Academic Press	["Department of	Many enterprise	Export Date: 21	10.1016/j.jnca.20	Collaborative edge computing;Computational offloading,;Mobile edge computing;Multi-access edge computing;Task offloading;5G mobile		
rayyan-4888511	Classification of resource management approaches in fog/edge paradigm and future research prospects: a	2022	included		Journal of Super	09208542 (ISSN	78	11	13145-13204	Kansal, P. and K	https://www.scop	English	Springer	Delhi Technologi	The fog paradigr	Export Date: 21	10.1007/s11227-	Application placement;Load balancing;Resource allocation;Resource discovery;Resource estimation;Resource management in fog or ed		
rayyan-4888512	Machine and Deep Learning for Resource Allocation in Multi-Access Edge Computing: A Survey	2022		Enfoq…	IEEE Communic	1553877X (ISSN	24	4	2449-2494	Djigal, H. and Xu	https://www.scop	English	Institute of Electr	["Nanjing Univer	With the rapid de	Export Date: 21	10.1109/COMST	deep learning;IoT applications;machine learning;Multi-access edge computing;resource allocation;task offloading;task scheduling;compu		
rayyan-4888512	Auction mechanisms in cloud/fog computing resource allocation for public blockchain networks	2019		Enfoq…	IEEE Transactio	10459219 (ISSN	30	9	1975-1989	Jiao, Y. and Wan	https://www.scop	English	IEEE Computer	["The School of	As an emerging	Export Date: 21	10.1109/TPDS.2	Auction;Blockchain;Cloud/fog computing;Game theory Ç;Pricing;Proof of work;Social welfare;Commerce;Computational efficiency;Interne		
rayyan-4888512	Cloud-Edge Computing-Based ICICOS Framework for Industrial Automation and Artificial Intelligence: A S	2023		Escop…	Journal of Circui	02181266 (ISSN)				Su, W. and Xu, C	https://www.scop	English	World Scientific	["College of Infor	Industrial Autom	Export Date: 21	10.1142/S02181	artificial intelligence;edge computing;ICICOS;industrial automation;Automation;Computation theory;Deep learning;Internet of things;Edge		
rayyan-4888512	Edge Network Resource Synergy for Mobile Blockchain in Smart City	2020		Enfoq…	2020 Internation	978-172813129-0 (ISBN)			1272-1277	Guo, S. and Qi,	https://www.scop	English	Institute of Electr	State Key Labor	Blockchain has b	Export Date: 21	10.1109/IWCMC	blockchain;edge computing;mining;mobile devices;resource synergy;Data mining;Economics;Mobile computing;Resource allocation;Sma		
rayyan-4888512	A dynamic resource allocation algorithm based on auction model in mobile blockchain network	2019			2019 IEEE 3rd In	978-172813584-7 (ISBN)			1605-1610	Gao, Z. and Lin,	https://www.scop	English	Institute of Electr	Beijing University	Blockchain has b	Export Date: 21	10.1109/EITCE4	Benders decomposition;Mobile blockchain;Resource allocation;Energy resources;Internet service providers;Mobile telecommunication sy		
rayyan-4888512	Resource management of GEO relays for real-time remote sensing	2021			Peer-to-Peer Ne	19366442 (ISSN	14	5	3333-3348	Xu, X. and Zhao	https://www.scop	English	Springer	["Faculty of Infor	Remote sensing	Export Date: 21	10.1007/s12083-	Data forwarding;GEO relay;Remote sensing;Resource management;Communication satellites;Geostationary satellites;Gradient methods		
rayyan-4888512	An Optimal Resource Provisioning Scheme Using QoS in Cloud Computing Based Upon the Dynamic Clu	2022			International Jou	2185310X (ISSN	15	3	148-160	Singh, J.	https://www.scop	English	Intelligent Netwo	Department of C	The Cloud comp	Export Date: 21	10.22266/ijies20	Dynamic VM consolidation;Energy consumption;Hybrid optimization algorithm;Multi-objective function;Quality of service;Resource manag		
rayyan-4888512	Hierarchical Combinatorial Auction in Computing Resource Allocation for Mobile Blockchain	2020			Wireless Commu	15308669 (ISSN	2020			Xu, Y. and Zhu, I	https://www.scop	English	Hindawi Limited	["College of Com	The mobile block	Export Date: 21	10.1155/2020/88	Economics;Resource allocation;Combinatorial auction;Computing resource;Incentive compatibility;Individual rationality;Mobile application		
rayyan-4888512	Robust Task Offloading in Dynamic Edge Computing	2023			IEEE Transactio	15361233 (ISSN	22	1	500-514	Wang, H. and Xu	https://www.scop	English	Institute of Electr	["University of Sc	Multi-access edg	Export Date: 21	10.1109/TMC.20	approximation;dynamic edge computing;primal-dual;robust;Task offloading;Approximation algorithms;computation offloading;Job analysis		
rayyan-4888512	Edge and fog computing for IoT: A survey on current research activities & future directions	2021			Computer Comm	01403664 (ISSN	180		210-231	Laroui, M. and N	https://www.scop	English	Elsevier B.V.	["Djillali Liabes U	The Internet of T	Export Date: 21	10.1016/j.comco	Cloud computing;Edge computing;Internet of Things (IoT);Digital devices;Fog;Fog computing;Network function virtualization;Quality of se		
rayyan-4888512	Green iot and edge AI as key technological enablers for a sustainable digital transition towards a smart cir	2021			Sensors	14248220 (ISSN	21	17		Fraga-Lamas, P.	https://www.scop	English	MDPI AG	["Department of	Internet of Thing	Export Date: 21	10.3390/s211757	AI;Digital circular economy;Digital transition;Edge AI;Edge computing;Green IoT;IIoT;Industry 5.0;Sustainability;Artificial Intelligence;Diag		
rayyan-4888512	Three-stage Stackelberg game based edge computing resource management for mobile blockchain	2021			Peer-to-Peer Ne	19366442 (ISSN	14	3	1431-1445	Fan, Y. and Jin, J	https://www.scop	English	Springer	["Key Laboratory	Blockchain can p	Export Date: 21	10.1007/s12083-	Edge computing;Mobile blockchain mining;Resource management;Stackelberg game;Blockchain;Costs;Miners;Natural resources manag		
rayyan-4888512	Self-learning and self-adaptive resource allocation for cloud-based software services	2019			Concurrency and	15320626 (ISSN	31	23		Chen, X. and Lin	https://www.scop	English	John Wiley and S	["College of Math	In the presence c	Export Date: 21	10.1002/cpe.446	cloud computing;resource allocation;software adaptation;Cloud computing;Decision making;Engineers;Genetic algorithms;Adaptive resou		
rayyan-4888512	Double Auction-Based Two-Level Resource Allocation Mechanism for Computation Offloading in Mobile B	2021			Mobile Informatic	1574017X (ISSN	2021			Li, L. and Li, Y. a	https://www.scop	English	Hindawi Limited	State Key Labor	It is increasingly	Export Date: 21	10.1155/2021/88	Blockchain;Mobile telecommunication systems;Resource allocation;Storage as a service (STaaS);Allocation mechanism;Combinatorial de		
rayyan-4888512	PF-BTS: A Privacy-Aware Fog-enhanced Blockchain-assisted task scheduling	2021			Information Proc	03064573 (ISSN	58	1		Baniata, H. and	https://www.scop	English	Elsevier Ltd	["University of Sz	In recent years, t	Export Date: 21	10.1016/j.ipm.20	Ant Colony Optimization;Blockchain;Cloud computing;Fog computing;Internet of Things;Task scheduling;Ant colony optimization;Automat		
rayyan-4888512	Fog Computing: A Comprehensive Architectural Survey	2020			IEEE Access	21693536 (ISSN	8		69105-69133	Habibi, P. and Fa	https://www.scop	English	Institute of Electr	["Department of	Fog computing is	Export Date: 21	10.1109/ACCES	advanced internet architecture;Cloud Computing;edge computing;fog computing;Internet of Things (IoT);Application programs;Computer		
rayyan-4888512	Machine learning and prediction-based resource management in IoT considering Qos	2019			International Jou	22773878 (ISSN	8	2	687-694	Bhaddurgatte, R	https://www.scop	English	Blue Eyes Intellig	["Computer Scie	Internet of Thing	Export Date: 21	10.35940/ijrte.B1	Internet of Things [IoT];Machine learning (ML);Multi-layer neural network [MNN];Quality of service [QoS]		
rayyan-4888512	Aerial experimentation and research platform for mobile communications and computing	2019			2019 IEEE Glob	978-172810960-2 (ISBN)				Marojevic, V. and	https://www.scop	English	Institute of Electr	["Department of	The Third Gener	Export Date: 21	10.1109/GCWks	5G;Open research platform;Testbed architecture;UAS;5G mobile communication systems;Antennas;Network architecture;Radio access r		
rayyan-4888512	Graph-Based Computing Resource Allocation for Mobile Blockchain	2019			Proceedings - 20	978-153867330-0 (ISBN)				Abdellatif, K. and	https://www.scop	English	Institute of Electr	ENSIAS, Moham	Since it first appe	Export Date: 21	10.1109/WINCO	Blockchain;internet of things;mobile blockchain;resources allocation;Computation theory;Graph theory;Graphic methods;Internet of things		
rayyan-4888512	Optimal pricing-based edge computing resource management in mobile blockchain	2018			IEEE Internation	15503607 (ISSN	2018			Xiong, Z. and Fe	https://www.scop	English	Institute of Electr	["School of Com	As the core issue	Export Date: 21	10.1109/ICC.201	Edge computing;Game theory;Mining;Mobile blockchain;Resource management;Variational Inequality;Blockchain;Computation theory;Co		
rayyan-4888512	Social Welfare Maximization Auction in Edge Computing Resource Allocation for Mobile Blockchain	2018			IEEE Internation	15503607 (ISSN	2018			Jiao, Y. and Wan	https://www.scop	English	Institute of Electr	School of Compu	Blockchain, an e	Export Date: 21	10.1109/ICC.201	Auction;Edge computing;Mobile blockchain;Pricing;Proof of work;Resources allocation;Blockchain;Computational efficiency;Costs;Econo		
rayyan-4888515	Real-time process monitoring based on multivariate control chart for anomalies driven by frequency signal	2021			Processes	22279717 (ISSN	9	9		Jen, C.-H. and W	https://www.scop	English	MDPI	["Department of	Recent developr	Export Date: 21	10.3390/pr90915	Empirical mode decomposition;Intrinsic mode functions;Linear discriminant analysis;Statistical process control;Electrocardiography		
rayyan-4888515	Real-time anomaly detection in data centers for log-based predictive maintenance using an evolving fuzzy	2020			IEEE Internation	10987584 (ISSN	2020			Decker, L. and L	https://www.scop	English	Institute of Electr	["University of Bo	Detection of ano	Export Date: 21	10.1109/FUZZ48	Anomaly detection;Evolving intelligent system;Fuzzy logic;Machine learning;Predictive maintenance;Data handling;Digital storage;Fuzzy		
rayyan-4888515	KPIs-Based Clustering and Visualization of HPC Jobs: A Feature Reduction Approach	2021			IEEE Access	21693536 (ISSN	9		25522-25543	Halawa, M.S. an	https://www.scop	English	Institute of Electr	["Business Inforr	High-Performanc	Export Date: 21	10.1109/ACCES	Clustering;feature extraction;high-performance computing;time series analysis;Benchmarking;Data visualization;Information managemen		
rayyan-4888516	Prediction of Process Quality Performance Using Statistical Analysis and Long Short-Term Memory	2022			Applied Sciences	20763417 (ISSN	12	2		Pheng, T. and Cl	https://www.scop	English	MDPI	["Techo Startup C	In the manufactu	Export Date: 21	10.3390/app120	Long short-term memory;Process capability index;Process quality performance;Smart manufacturing;Statistical process analysis;Memory		
rayyan-4888516	Big Data? Statistical Process Control Can Help!	2020			American Statist	00031305 (ISSN	74	4	329-344	Qiu, P.	https://www.scop	English	American Statist	Department of B	"Big data" is a bu	Export Date: 21	10.1080/000313	Covariates;Data-rich applications;Dynamic processes;Feature extraction;Image data;Spatio-temporal data		
rayyan-4888516	An Advanced Broyden-Fletcher-Goldfarb-Shanno Algorithm for Prediction and Output-Related Fault Monit	2022			Journal of Chem	20909063 (ISSN	2022			Xue, C. and Zha	https://www.scop	English	Hindawi Limited	["College of Scie	In the process in	Export Date: 21	10.1155/2022/70	Algorithms		
rayyan-4888516	Using statistical control charts to monitor building water consumption: A case study on the replacement of	2021			Water (Switzerla	20734441 (ISSN	13	18		Freitas, L.L.G. a	https://www.scop	English	MDPI	["Civil Engineerir	This manuscript	Export Date: 21	10.3390/w13182	Statistical control charts;Toilets;Water consumption;Water monitoring;Brazil;Varanidae;Flowcharting;Graphic methods;Efficiency gain;In-b		
rayyan-4888516	Research on Data Analysis and Quality Control based on P Control Chart	2020			Proceedings - 20	978-073810545-1 (ISBN)			1098-1102	Yang, B. and He	https://www.scop	English	Institute of Electr	["Hongyang Sea	Statistical proces	Export Date: 21	10.1109/CISP-BI	data analysis;P control chart;statistical process control;Biomedical engineering;Control charts;Flowcharting;Image processing;Application		
rayyan-4888516	Edge-Computing and Machine-Learning-Based Framework for Software Sensor Development	2022			Sensors	14248220 (ISSN	22	11		Hanzelik, P.P. an	https://www.scop	English	MDPI	["Enterprise Data	The present rese	Export Date: 21	10.3390/s22114	Industry 4.0 in Lab;IoT;model lifecycle management;model maintenance;quality-assurance architecture;Artificial Intelligence;Cloud Comp		
rayyan-4888516	Monitoring Runtime Metrics of Fog Manufacturing via a Qualitative and Quantitative (QQ) Control Chart	2022			ACM Transactio	25776207 (ISSN	3	2		Li, Y. and Wang,	https://www.scop	English	Association for C	["Department of	Fog manufacturi	Export Date: 21	10.1145/350126	Fog manufacturing;Phase I monitoring;Quantitative and qualitative control chart;Runtime metrics;Anomaly detection;Control charts;Data		
rayyan-4888516	Adaptive anomaly detection in performance metric streams	2018			IEEE Transactio	19324537 (ISSN	15	1	217-231	Ibidunmoye, O. a	https://www.scop	English	Institute of Electr	Computing Scier	Continuous dete	Export Date: 21	10.1109/TNSM.2	anomaly detection;computer network management;Performance monitoring and measurement;quality of service;time series analysis;uns		
rayyan-4888516	Critical embedded systems development using formal methods and statistical reliability metrics	2019			Advances in Scie	24156698 (ISSN	4	1	231-247	Lockhart, J. and	https://www.scop	English	ASTES Publishe	Department of E	Trusted systems	Export Date: 21	10.25046/aj0401	Co-Design;Hardware and Software;Safety Critical Embedded;Software Reliability;Statistical Analysis;Systems;Trusted Systems;Metronid		
rayyan-4888516	Stability control in virtual machine: Resource allocation for cloud computing	2019			AIP Conference	0094243X (ISSN	2129			Ismail, M.B. and	https://www.scop	English	American Institut	["Electrical Engir	Cloud Computing	Export Date: 21	10.1063/1.51181	Resource Allocation		
rayyan-4888517	A statistical approach to virtual server resource management	2018			Concurrency and	15320626 (ISSN	30	4		Kontoudis, D. an	https://www.scop	English	John Wiley and S	University of Mac	Resource manag	Export Date: 21	10.1002/cpe.433	autoscaling;Cloud;elasticity;resource management;Statistical Process Control;Clouds;Computer resource management;Controllers;Elast		
rayyan-4888517	Empirical study on the discrepancy between performance testing results from virtual and physical environn	2018			Empirical Softwa	13823256 (ISSN	23	3	1490-1518	Arif, M.M. and Sl	https://www.scop	English	Springer New Yo	Department of C	Large software s	Export Date: 21	10.1007/s10664-	Software performance analysis and testing on virtual environments;Software performance engineering;Open source software;Open syste		
rayyan-4888529	Demystifying LandTrendr and CCDC temporal segmentation	2022			International Jou	15698432 (ISSN	110			Pasquarella, V.J	https://www.scop	English	Elsevier B.V.	["Department of	Improved access	Export Date: 21	10.1016/j.jag.202	CCDC;Change detection;Google Earth Engine;LandTrendr;Temporal segmentation;Time series		
rayyan-4888529	CEP online: A web-oriented expert system for statistical process control	2019			Pesquisa Opera	01017438 (ISSN	39	1	177-204	Louzada, F. and	https://www.scop	English	Sociedade Brasi	["Departamento	In this paper, a n	Export Date: 21	10.1590/0101-74	Capability Indices;Control Charts;Instantaneous Reports		
rayyan-4888529	Economic perspective on algorithm selection for predictive maintenance	2020			27th European C	978-173363250-8 (ISBN)				Fabri, L. and Hä	https://www.scop	English	Association for Ir	["FIM Research C	The increasing a	Export Date: 21	May 2023; Cited	Algorithm Selection;Economic Perspective;Prediction Error;Predictive Maintenance;Costs;Digital storage;Errors;Forecasting;Information		
rayyan-4888530	The contribution of variable control charts to quality improvement in healthcare: A literature review	2021			Journal of Health	11793201 (ISSN	13		221-230	Slyngstad, L.	https://www.scop	English	Dove Medical Pr	["Molde Universi	Objective: To cor	Export Date: 21	10.2147/JHL.S3	Healthcare;Quality improvement;Statistical process control;employee;health care organization;human;Medline;process control;review;Sc		
rayyan-4888530	Earned Duration Management Control Charts: Role of Control Limit Width Definition for Construction Proje	2021			Journal of Const	07339364 (ISSN	147	9		Votto, R. and Le	https://www.scop	English	American Societ	Departamento de	The design of co	Export Date: 21	10.1061/(ASCE)	Control chart;Duration performance;Monte Carlo simulation;Risk analysis;Statistical project control;Control charts;Economic and social ef		
rayyan-4888531	Publication performance and trends in Total Quality Management research: a bibliometric analysis	2023			Total Quality Mar	14783363 (ISSN	34	1	97-130	Ho, Y.-S. and Ca	https://www.scop	English	Routledge	["Trend Researc	Publications on T	Export Date: 21	10.1080/147833	bibliometric analysis;research trends;Total Quality Management;TQM;Bibliometrics		
rayyan-4888532	Log4Perf: suggesting and updating logging locations for web-based systems' performance monitoring	2020			Empirical Softwa	13823256 (ISSN	25	1	488-531	Yao, K. and de F	https://www.scop	English	Springer	["Department of	Performance ass	Export Date: 21	10.1007/s10664-	Logging suggestion;Performance engineering;Performance modeling;Performance monitoring;Software logs;Location;Open source softw		
rayyan-4888532	Optimization of overall equipment effectiveness with integrated modeling of maintenance and quality	2020			Engineering Lett	1816093X (ISSN	28	2	400-405	Farahani, A. and	https://www.scop	English	International Ass	["Department of	The Overall Equ	Export Date: 21	May 2023; Cited	Chart control;Maintenance;Markov processes;Overall Equipment Effectiveness;Continuous time systems;Integer programming;Markov cl		
rayyan-4888532	A Bayesian approach to set the tolerance limits for a statistical project control method	2020			International Jou	00207543 (ISSN	58	10	3150-3163	Chen, Z. and De	https://www.scop	English	Taylor and Franc	["School of mana	In this paper, we	Export Date: 21	10.1080/002075	Bayesian approach;earned schedule;earned value management;project management;schedule control;Bayesian networks;Budget contro		
rayyan-4888532	Overall equipment effectiveness: A review and development of an integrated improvement framework	2020			International Jou	17466474 (ISSN	30	1	46-71	Cheah, C.K. and	https://www.scop	English	Inderscience Pul	Faculty of Engine	The paper review	Export Date: 21	10.1504/IJPQM.	Benchmark;Implementation;Improvement frameworks;Manufacturing;OEE;Overall equipment effectiveness;Performance measure;Priorit		
rayyan-4888532	Multivariate control charts using earned value and earned duration management observations to monitor p	2020			Computers and I	03608352 (ISSN	148			Votto, R. and Le	https://www.scop	English	Elsevier Ltd	Departamento de	This paper prese	Export Date: 21	10.1016/j.cie.202	Earned duration management;Monte Carlo simulation;Statistical project control;T² control chart;Budget control;Flowcharting		
rayyan-4888540	Exact computational methods for univariate and multivariate control charts under runs rules	2022			Computers and I	03608352 (ISSN	163			Mehmood, R. an	https://www.scop	English	Elsevier Ltd	["Department of	This article propo	Export Date: 21	10.1016/j.cie.202	Control chart;Generalized geometric;Markov chain approach;Moments of run length;Run length distribution;Run length properties;Runs r		
rayyan-4888540	Likelihood ratio-based CUSUM charts for real-time monitoring the quality of service in a network of queues	2023			IISE Transaction	24725579 (ISSN)				Kuang, Y. and D	https://www.scop	English	Taylor and Franc	["University of Sc	Queuing network	Export Date: 21	10.1080/247255	CUSUM charts;likelihood ratio tests;Queuing networks;statistical process control;Control charts;Health care;Hospitals;Quality of service;C		
rayyan-4888540	MEWMA based control charts with runs rules for monitoring multivariate simple linear regression profiles ir	2022			Communications	03610918 (ISSN)				Ahmadi Karavigh	https://www.scop	English	Taylor and Franc	Department of Ir	In this article, thr	Export Date: 21	10.1080/036109	Average run length (ARL);control charts;multivariate exponentially weighted moving average (MEWMA);multivariate simple linear profile		
rayyan-4888540	Klein's supplementary runs rules on X¯ chart to control the mean of a Weibull random variable	2022			Quality and Relia	07488017 (ISSN	38	4	1750-1759	Ho, L.L. and Qui	https://www.scop	English	John Wiley and S	["Department of	Most of the pape	Export Date: 21	10.1002/qre.304	average run length;probability control limits;simulation;Weibull distribution;Control charts;Normal distribution;Random variables;Average r		
rayyan-4888540	Generalized Hotelling T2 control chart based on bivariate ranked set techniques with runs rules	2021			Transactions of t	01423312 (ISSN	43	10	2180-2195	Mehmood, R. an	https://www.scop	English	SAGE Publicatio	["Department of	In this study, we	Export Date: 21	10.1177/014233	bivariate ranked set techniques;Control chart;Hotelling T²;power;power curves;runs rules;Agricultural robots;Flowcharting;M		
rayyan-4888540	The effectiveness of Max-half-Mchart over Max-Mchart in simultaneously monitoring process mean and va	2021			Quality and Relia	07488017 (ISSN	37	6	2334-2347	Kruba, R. and M	https://www.scop	English	John Wiley and S	Department of S	Control charts ar	Export Date: 21	10.1002/qre.286	half-normal distribution;individual observations;multivariate control chart;simultaneous control chart;Dispersions;Flowcharting;Normal dist		
rayyan-4888540	Monitoring of overall equipment effectiveness by multivariate statistical process control	2022			International Jou	20404166 (ISSN	13	4	847-862	Mjimer, I. and Ac	https://www.scop	English	Emerald Group P	["Laboratoire Sig	Purpose: This st	Export Date: 21	10.1108/IJLSS-1	Hotelling T-square;Key performance indicators;Lean six sigma;Multivariate control chart;Performance;VSM		
rayyan-4888540	Monitoring processes with multiple dependent production lines using time between events control charts	2023			Quality Engineer	08982112 (ISSN)				Ahmad, H. and A	https://www.scop	English	Taylor and Franc	["Department of	This article deve	Export Date: 21	10.1080/089821	average time to signal;EWMA approach;exponential distribution;homogeneous poisson process;Time between events control chart		
rayyan-4888540	PDF-Based Technique for Univariate Alarm Systems and Its Application to Mixture Distributions	2021			Industrial and En	08885885 (ISSN	60	48	17626-17639	Valipoori, A. and	https://www.scop	English	American Chemi	["Department of	Alarm systems p	Export Date: 21	10.1021/acs.iecr	Accident prevention;Distribution functions;Industrial plants;Intelligent systems;Mixtures;Monte Carlo methods;Alarm rate;Alarm signals;Di		
rayyan-4888540	Two Features of the GINAR(1) Process and Their Impact on the Run-Length Performance of Geometric C	2023			Entropy	10994300 (ISSN	25	3		Morais, M.C.	https://www.scop	English	MDPI	Department of M	The geometric fi	Export Date: 21	10.3390/e25030	discrete-time Markov chain;Kalmykov order;run length;statistical process control;TP₂ transition probability matrix		
rayyan-4888540	IMPROVED PHASE II EXPONENTIAL CHART UNDER REPETITIVE SAMPLING	2022			International Jou	09731903 (ISSN	18	1	9-19	Singh, T. and Ku	https://www.scop	English	DAV College	Department of S	Exponential char	Export Date: 21	May 2023; Cited	Average run length;Average sample size;Exponential distribution;Repetitive sampling;Time between events		
rayyan-4888540	An improved artificial neural network using multi-source data to estimate food temperature during multi-ten	2023			Journal of Food	02608774 (ISSN	351			Zou, Y. and Wu,	https://www.scop	English	Elsevier Ltd	["School of Mana	Product tempera	Export Date: 21	10.1016/j.jfooder	Cold chain monitoring;Machine learning;Multi-source data;Temperature estimation;Urban delivery;Backpropagation;Deep neural network		
rayyan-4888540	Reliability of a mixed δ-shock model with a random change point in shock magnitude distribution and an o	2023			Reliability Engine	09518320 (ISSN	232			Chadjiconstantin	https://www.scop	English	Elsevier Ltd	["University of Pi	A mixed δ-shock	Export Date: 21	10.1016/j.ress.20	Change point;Compound distribution;Mixed δ-shock model;Optimal replacement;Phase-type distribution;Reliability function;Distribution fu		
rayyan-4888540	Gradient analysis of Markov-type control schemes and its applications	2022			Communications	03610918 (ISSN	51	4	1814-1836	Yashchin, E.	https://www.scop	English	Taylor and Franc	IBM, Thomas J.	This paper prese	Export Date: 21	10.1080/036109	Average run length;Detection;Monitoring;Statistical process control;Error detection;Markov chains;Average run lengths;Complex inputs;C		
rayyan-4888540	Optimal design of an improved (Formula presented.) and R control chart for joint monitoring of process loc	2022			Measurement ar	00202940 (ISSN	55	5	370-384	Wan, Q. and Zhu	https://www.scop	English	SAGE Publicatio	School of Busine	Enhancing the de	Export Date: 21	10.1177/002029	average run length;control chart;estimated parameter;runs rules;statistical process control;Dispersions;Flowcharting;Markov processes;P		
rayyan-4888540	About Shewhart control charts to monitor the Weibull mean based on a Gamma distribution	2022			Quality and Relia	07488017 (ISSN	38	8	4210-4222	Vasconcelos, R.I	https://www.scop	English	John Wiley and S	["Institute of Mat	A control chart fo	Export Date: 21	10.1002/qre.320	average run length;control charts;exponential distribution;Gamma distribution;variable transformations;Weibull distribution;Flowcharting;In		
rayyan-4888540	Statistical process control of assembly lines in manufacturing	2023			Journal of Indust	2452414X (ISSN	32			Bottani, E. and M	https://www.scop	English	Elsevier B.V.	Department of E	Data collection is	Export Date: 21	10.1016/j.jii.2023	ANOVA gage reproducibility & repeatability;Automated data collection;Automated statistical process control;Instrument validation;Measur		
rayyan-4888540	Unsupervised Anomaly Detection for IoT-Based Multivariate Time Series: Existing Solutions, Performance	2023			Sensors	14248220 (ISSN	23	5		Belay, M.A. and	https://www.scop	English	MDPI	["Department of	The recent wave	Export Date: 21	10.3390/s23052	anomaly detection;IoT;multivariate time series;sensor networks;Anomaly detection;Deep learning;Internet of things;Learning systems;Sig		
rayyan-4888540	Process capability monitoring and change-point analysis for S-type quality characteristic	2023			Quality Technolo	16843703 (ISSN)				Liao, M.-Y. and V	https://www.scop	English	Taylor and Franc	["School of Econ	Among various c	Export Date: 21	10.1080/168437	Change-point;EWMA;process capability;Flowcharting;Process control;Quality assurance;Change-point analysis;Change-points;Effective		
rayyan-4888540	Nonparametric Control Charts for Monitoring Serial Dependence based on Ordinal Patterns	2023			Technometrics	00401706 (ISSN)				Weiβ, C.H. and T	https://www.scop	English	American Statist	["Department of	We consider the	Export Date: 21	10.1080/004017	Nonlinear time series;Nonparametric control charts;Ordinal patterns;Self-starting control charts;Serial dependence;Flowcharting;Process		
rayyan-4888541	Monitoring reliability for a gamma distribution with a double progressive mean control chart	2021			Quality and Relia	07488017 (ISSN	37	1	199-218	Alevizakos, V. ar	https://www.scop	English	John Wiley and S	Department of M	Control charting	Export Date: 21	10.1002/qre.273	average run-length;control chart;double progressive mean;gamma distribution;reliability monitoring;Distributed database systems;Flowch		
rayyan-4888541	ARL Estimation of the Control Chart of Log Likelihood Ratios' Sum for Markov Sequence	2021			Journal of Mathe	23144629 (ISSN	2021			Guo, Y. and Gao	https://www.scop	English	Hindawi Limited	["Department of	To evaluate the s	Export Date: 21	10.1155/2021/6649949			
rayyan-4888541	Conditional analysis of Phase II exponential chart for monitoring times to an event	2020			Quality Technolo	16843703 (ISSN	17	3	285-306	Kumar, N.	https://www.scop	English	Taylor and Franc	Department of S	It is now well knc	Export Date: 21	10.1080/168437	Conditional average run length;conditional performance analysis;distribution function;lower prediction bound;Phase II exponential chart;ti		
rayyan-4888541	Phase I monitoring of individual normal data: Design and implementation	2021			Quality Engineer	08982112 (ISSN	33	3	443-456	Yao, Y. and Chal	https://www.scop	English	Taylor and Franc	University of Ala	Control charts pl	Export Date: 21	10.1080/089821	autocorrelation;parameter estimation;R program;robustness;statistical process control;univariate and multivariate normal distributions;No		
rayyan-4888541	Performance Analysis of Cumulative Sum Control Charts Based on Parameter Estimation	2020			IOP Conference	17551307 (ISSN	514	3		Chen, D. and Liu	https://www.scop	English	Institute of Physi	Wuhan Universit	As an important	Export Date: 21	10.1088/1755-13	Control charts;Flowcharting;Parameter estimation;Statistics;Sustainable development;Cumulative sum control charts;Cusum control char		
rayyan-4888541	Constrained optimal design of Control Chart for correlated data under Weibull Shock Model with multiple a	2021			Communications	03610926 (ISSN	50	10	2322-2353	Naderi, M.H. and	https://www.scop	English	Bellwether Publis	["Department of	An appropriate te	Export Date: 21	10.1080/036109	control chart;Correlated data;Economic statistical design;Multiple assignable causes;Weibull shock model;Control charts;Flowcharting;Op		
rayyan-4888541	On challenges of cloud monitoring	2020			Proceedings of the 27th Annual International Conference on Compu				259-265	Pourmajidi, W. a	https://www.scop	English	IBM / ACM	["Department of	Cloud services a	Export Date: 21	May 2023; Cited	Web services;Cloud monitoring;Cloud services;High availability;Information technology spending;Monitoring environment;Public clouds;R		
rayyan-4888541	Adaptive Markov-based approach for dynamic virtual machine consolidation in cloud data centers with qua	2020			Software - Practi	00380644 (ISSN	50	2	161-183	Monshizadeh Na	https://www.scop	English	John Wiley and S	Faculty of Comp	Dynamic virtual r	Export Date: 21	10.1002/spe.276	cloud computing;dynamic consolidation;energy efficiency;green information technology;Markov chains;virtualization;Cloud computing;En		
rayyan-4888541	Statistical Process Control of assembly lines in a manufacturing plant: Process Capability assessment	2021			Procedia Compu	18770509 (ISSN	180		1024-1033	Bottani, E. and M	https://www.scop	English	Elsevier B.V.	Department of E	Among the main	Export Date: 21	10.1016/j.procs.2	Automation;Food Industry;Industry 4.0;Logistics;Competition;Flow control;Process engineering;Reliability analysis;Statistical methods;Co		
rayyan-4888541	A stochastic process-based server consolidation approach for dynamic workloads in cloud data centers	2020			Journal of Super	09208542 (ISSN	76	3	1903-1930	Monshizadeh Na	https://www.scop	English	Springer	Faculty of Comp	With the develop	Export Date: 21	10.1007/s11227-	Cloud computing;Dynamic server consolidation;Stochastic workload analysis;Virtual machine placement;Cost reduction;Energy utilization		
rayyan-4888541	Development of waiting time predictor based Artificial Neural Network	2020			IOP Conference	17578981 (ISSN	847	1		Limlawan, V. and	https://www.scop	English	Institute of Physi	Faculty of Engine	Queue is a part c	Export Date: 21	10.1088/1757-89	artificial neural network;delay estimation;Queuing system;queuing theory;waiting time prediction;Nerve Net;Neural Networks (Computer)		
rayyan-4888541	A generally weighted moving average exceedance chart	2018			Journal of Statist	00949655 (ISSN	88	9	1759-1781	Chakraborty, N. a	https://www.scop	English	Taylor and Franc	["Department of	Distribution-free	Export Date: 21	10.1080/009496	average run-length;exceedance statistic;GWMA chart;Monte Carlo simulation;Nonparametric control chart;precedence statistic		
rayyan-4888541	Control loop performance monitoring based on weighted permutation entropy and control charts	2019			Canadian Journa	00084034 (ISSN	97		1488-1495	Wu, P. and Guo,	https://www.scop	English	Wiley-Liss Inc.	["Faculty of Mech	The simple calcu	Export Date: 21	10.1002/cjce.233	control charts;controller performance monitoring;permutation entropy;predictability;time series;Closed loop control systems;Entropy;Flow		
rayyan-4888542	A framework for tunable anomaly detection	2019			Proceedings - 20	978-172810528-4 (ISBN)			201-210	Alam, M.R. and	https://www.scop	English	Institute of Electr	["Technical Unive	As software arch	Export Date: 21	10.1109/ICSA.20	Anomaly detection;Data anomalies;Data-driven decisions;Experimentation;Self-adaptive systems;Adaptive systems;Data handling;Decis		
rayyan-4888542	Effect of Linex loss function on the VSIX̄ control chart	2019			Journal of Statist	00949655 (ISSN	89	9	1674-1693	Abolmohammad	https://www.scop	English	Taylor and Franc	["Department of	The concept of lo	Export Date: 21	10.1080/009496	Control chart;economic-statistical design;Genetic algorithm;loss function;Markov chain		
rayyan-4888542	Optimal performance of the variable sample sizes Hotelling's T2 control chart in the presence of measuren	2019			Quality Technolo	16843703 (ISSN	16	5	588-612	Sabahno, H. and	https://www.scop	English	Taylor and Franc	["Faculty of Engi	The effect of mea	Export Date: 21	10.1080/168437	Hotelling's T² control charts;linearly covariate error model;Markov Chain;optimization;overall performance measures;Variab		
rayyan-4888542	Statistical methods for network surveillance	2018			Applied Stochas	15241904 (ISSN	34	4	425-445	Jeske, D.R. and	https://www.scop	English	John Wiley and S	["Department of	The term networ	Export Date: 21	10.1002/asmb.2	change point;control charts;dynamic networks;reliability;security;Control charts;Monitoring;Reliability;Statistical methods;Change-points;D		
rayyan-4888545	Optimal Resource Estimation Policy Selection for Ecommerce Applications in Cloud	2019			2019 1st Interna	VO -			236-242	P. A. Bommannavar and R. Krishnan and S. Shahedha					Cloud Computin	RAYYAN-INCLU	10.1109/ICATIE	Cloud computing;Resource management;Estimation;Browsers;Software;Quality of service;Data centers;Workload generation;cloud;Perfo		
rayyan-4888545	Robust Service Provisioning With Service Function Chain Requirements in Mobile Edge Computing	2021			IEEE Transactio	1932-4537 VC	18	2	2138-2153	J. Li and W. Liang and Y. Ma					With the advent	RAYYAN-INCLU	10.1109/TNSM.2	Approximation algorithms;Heuristic algorithms;Uncertainty;Cloud computing;Resource management;Task analysis;Network function virtu		
rayyan-4888547	A Monitoring System for Anomaly Detection in Fog Manufacturing	2020			2020 IEEE Conf	VO - 1	1		67-72	L. Wang and Y. Zhang and R. Jin					Fog manufacturi	RAYYAN-INCLU	10.1109/ICPS48	Monitoring;Task analysis;Bandwidth;Manufacturing systems;Computer crime;Edge computing;Computational modeling;Anomaly Detectio		
rayyan-4888596	Efficient Computing Resource Sharing for Mobile Edge-Cloud Computing Networks	2023				978-981-19519-1-6			523-537	Mishra, Shashank and Gupta, Am		en	Springer Nature		To deliver better	RAYYAN-INCLU	10.1007/978-981	Cloud computing networks;Computational delay;Energy consumption;Execution cost;Mobile edge;Network usage;Resource sharing		
rayyan-4888596	QRAS: efficient resource allocation for task scheduling in cloud computing	2021	3		SN Applied Scie	2523-3971	3	4	474	Singh, Harvinder	https://doi.org/10	en			Cloud resource a	RAYYAN-INCLU	10.1007/s42452-	Cloud computing;Resource allocation;Scheduling;Utilization;Resource Allocation		
rayyan-4888602	Abnormal behavior detection using resource level to service level metrics mapping in virtualized systems	2020	1		Future Generatio	0167-739X	102		680-700	Benmakrelouf, S	https://www.sciencedirect.com/science/article/pii/S0167739X193066				Recent years ha	RAYYAN-INCLU	https://doi.org/10	Divergence;Mapping;Outlier detection;Periodicity;Resource level metric;Service level metric;User-Computer Interface;Metronidazole		
rayyan-4888602	HPS-HDS: High Performance Scheduling for Heterogeneous Distributed Systems	2018	1		Future Generatio	0167-739X	78		242-244	Pop, Florin and I	https://www.sciencedirect.com/science/article/pii/S0167739X173196				Heterogeneous I	RAYYAN-INCLU	https://doi.org/10	Scheduling algorithms;Resource management;Fault tolerance;Big data;Heterogeneous distributed systems		
rayyan-4888602	Resource needs prediction in virtualized systems: Generic proactive and self-adaptive solution	2019	12		Journal of Netwo	1084-8045	148		102443	Benmakrelouf, S	https://www.sciencedirect.com/science/article/pii/S10848045193030				Resource manag	RAYYAN-INCLU	https://doi.org/10	Prediction;Resource needs;Machine learning;Kriging;Genetic algorithm;Adjustment;User-Computer Interface		
rayyan-4888610	RTSLPS: Real time server load prediction system for the ever-changing cloud computing environment	2022	2		Journal of King S	1319-1578	34	2	342-353	Toumi, Hajer and	https://www.sciencedirect.com/science/article/pii/S13191578193112				Cloud Computin	RAYYAN-INCLU	https://doi.org/10	Cloud computing;Concept drift;Server load;Stream mining;Real time prediction;User behavior		
rayyan-4888610	Cloud-based architecture of service-oriented MES for subcontracting and partnership exchanges integratio	2019	10		Robotics and Co	0736-5845	59		56-68	Shirazi, Babak	https://www.sciencedirect.com/science/article/pii/S07365845183058				Subcontracting a	RAYYAN-INCLU	https://doi.org/10	SPX;ERP;MES;SME;Cloud-based architecture;Game theory		

rayyan-4888610	Machine learning based concept drift detection for predictive maintenance	2019	11		Computers & Inc	0360-8352	137		106031	Zenisek, Jan anc	https://www.sciencedirect.com/science/article/pii/S03608352193049	In this work we p	RAYYAN-INCLU	https://doi.org/10	Predictive maintenance;Machine learning;Concept drift detection;Time series regression;Industrial radial fans
rayyan-4888611	On designing an optimal SPRT control chart with estimated process parameters under guaranteed in-contr	2022	12		Computers & Inc	0360-8352	174		108806	Teoh, J.W. and T	https://www.sciencedirect.com/science/article/pii/S03608352220079	Being one of the	RAYYAN-INCLU	https://doi.org/10	Average extra quadratic loss;Guaranteed in-control performance;Markov chain;Parameter estimation;SPRT control chart;Statistical proce
rayyan-4888623	An MCDM method for cloud service selection using a Markov chain and the best-worst method	2018	11		Knowledge-Base	0950-7051	159		120-131	Nawaz, Falak ar	https://www.sciencedirect.com/science/article/pii/S09507051183031	Due to the increa	RAYYAN-INCLU	https://doi.org/10	Cloud service selection;MCDM methods;Best Worst Method;Markov chains;Markov Chains
rayyan-4888624	Optimal estimated process parameters side sensitive group runs chart based on expected average run len	2018	10		Heliyon	2405-8440	4	10	e00848	You, Huay Woor	https://www.sciencedirect.com/science/article/pii/S24058440183162	The side sensitiv	RAYYAN-INCLU	https://doi.org/10	Applied mathematics;Industry