**Literature Review Sources**

**1. Reinforcement Learning: A Introduction**

<https://books.google.com/books?hl=zh-CN&lr=&id=uWV0DwAAQBAJ&oi=fnd&pg=PR7&dq=reinforcement+learning&ots=mhvJu-W3p5&sig=HZMVtig5qVDVRHdS0IhDhGYvYOg#v=onepage&q=reinforcement%20learning&f=false>

bibtex:

<https://scholar.googleusercontent.com/scholar.bib?q=info:t8N5xiW9bXoJ:scholar.google.com/&output=citation&scisdr=CgXYrp9bEJnzkmlEaas:AAGBfm0AAAAAXoRBcav6Vya2_cVIUz3MEk2MI-vI2Pfl&scisig=AAGBfm0AAAAAXoRBcQChrGnJ-rKpe58bsh5VQGYC1Mn7&scisf=4&ct=citation&cd=-1&hl=zh-CN>

@book{sutton2018reinforcement,

title={Reinforcement learning: An introduction},

author={Sutton, Richard S and Barto, Andrew G},

year={2018},

publisher={MIT press}

}

**2.Simple statistical gradient-following algorithms for connectionist reinforcement learning**

https://www.morganclaypool.com/doi/abs/10.2200/S00268ED1V01Y201005AIM009?casa\_token=c7e6SXy8iWUAAAAA%3A18VCfN-eAiBTzWlKD\_z3-k2XrTbkpEpct03JvnjwLs2l15TmrCQF7vPlNhnZKrZnqAX6HzdzJmA5&

https://link.springer.com/article/10.1007/BF00992696

<https://link.springer.com/content/pdf/10.1007/BF00992696.pdf>

Bibtex:

@article{williams1992simple,

title={Simple statistical gradient-following algorithms for connectionist reinforcement learning},

author={Williams, Ronald J},

journal={Machine learning},

volume={8},

number={3-4},

pages={229--256},

year={1992},

publisher={Springer}

}

**3.Algorithms for Reinforcement Learning**

<https://www.morganclaypool.com/doi/abs/10.2200/S00268ED1V01Y201005AIM009?casa_token=c7e6SXy8iWUAAAAA%3A18VCfN-eAiBTzWlKD_z3-k2XrTbkpEpct03JvnjwLs2l15TmrCQF7vPlNhnZKrZnqAX6HzdzJmA5&>

Bibtex:

@inproceedings{ng2000algorithms,

title={Algorithms for inverse reinforcement learning.},

author={Ng, Andrew Y and Russell, Stuart J and others},

booktitle={Icml},

volume={1},

pages={663--670},

year={2000}

}

**4.Deep Reinforcement Learning with Double Q-Learning**

<https://www.aaai.org/ocs/index.php/AAAI/AAAI16/paper/viewPaper/12389>

Bibtex:

@inproceedings{van2016deep,

title={Deep reinforcement learning with double q-learning},

author={Van Hasselt, Hado and Guez, Arthur and Silver, David},

booktitle={Thirtieth AAAI conference on artificial intelligence},

year={2016}

}

**5.Continuous control with deep reinforcement learning**

<https://arxiv.org/abs/1509.02971>

Bibtex:

@article{lillicrap2015continuous,

title={Continuous control with deep reinforcement learning},

author={Lillicrap, Timothy P and Hunt, Jonathan J and Pritzel, Alexander and Heess, Nicolas and Erez, Tom and Tassa, Yuval and Silver, David and Wierstra, Daan},

journal={arXiv preprint arXiv:1509.02971},

year={2015}

}

**6.Reinforcement Learning**

<https://link.springer.com/content/pdf/10.1007/978-3-642-27645-3.pdf>

Bibtex:

@article{wiering2012reinforcement,

title={Reinforcement learning},

author={Wiering, Marco and Van Otterlo, Martijn},

journal={Adaptation, learning, and optimization},

volume={12},

pages={3},

year={2012},

publisher={Springer}

}

**7.Policy gradient methods for reinforcement learning with function approximation**

<http://papers.nips.cc/paper/1713-policy-gradient-methods-for-reinforcement-learning-with-function-approximation.pdf>

Bibtex:

@inproceedings{sutton2000policy,

title={Policy gradient methods for reinforcement learning with function approximation},

author={Sutton, Richard S and McAllester, David A and Singh, Satinder P and Mansour, Yishay},

booktitle={Advances in neural information processing systems},

pages={1057--1063},

year={2000}

}

**8.[A cyclic-queue model of system overhead in multiprogrammed computer systems](https://dl.acm.org/doi/pdf/10.1145/321637.321642)**

<https://dl.acm.org/doi/pdf/10.1145/321637.321642>

Bibtex:

@article{lewis1971cyclic,

title={A cyclic-queue model of system overhead in multiprogrammed computer systems},

author={Lewis, Peter AW and Shedler, Gerald S},

journal={Journal of the ACM (JACM)},

volume={18},

number={2},

pages={199--220},

year={1971},

publisher={ACM New York, NY, USA}

}

**9.The semi-markovian queue: theory and applications**

<https://www.tandfonline.com/doi/abs/10.1080/15326349908807154>

Bibtex:

@article{sengupta1990semi,

title={The semi-Markovian queue: theory and applications},

author={Sengupta, Bhaskar},

journal={Stochastic Models},

volume={6},

number={3},

pages={383--413},

year={1990},

publisher={Taylor \& Francis}

}

**10.A queue theory-based approach to staff software maintenance centers**

https://ieeexplore.ieee.org/abstract/document/972764

Bibtex:

@inproceedings{antoniol2001queue,

title={A queue theory-based approach to staff software maintenance centers},

author={Antoniol, Giuliano and Casazza, Gerardo and Di Lucca, Giuseppe A and Di Penta, Massimiliano and Rago, Francesco},

booktitle={Proceedings IEEE International Conference on Software Maintenance. ICSM 2001},

pages={510--519},

year={2001},

organization={IEEE}

}

**11.[Modelling and optimisation of a traffic intersection based on queue theory and markov decision control methods](https://ieeexplore.ieee.org/abstract/document/4148707/)**

<https://ieeexplore.ieee.org/abstract/document/4148707>

bibtex:

@inproceedings{soh2007modelling,

title={Modelling and optimisation of a traffic intersection based on queue theory and markov decision control methods},

author={Soh, Azura Che and Marhaban, Mohammad Hamiruce and Khalid, Marzuki and Yusof, Rubiyah},

booktitle={First Asia International Conference on Modelling \& Simulation (AMS'07)},

pages={478--483},

year={2007},

organization={IEEE}

}

**12.[Use Queue Theory Mode to Optimize the Quantity of the Support Equipment [J]](http://en.cnki.com.cn/Article_en/CJFDTotal-ZJBX200501010.htm)**

http://en.cnki.com.cn/Article\_en/CJFDTotal-ZJBX200501010.htm

Bibtex:

@article{fu2005use,

title={Use Queue Theory Mode to Optimize the Quantity of the Support Equipment [J]},

author={Fu-sheng, GUO Hong-fen LIU},

journal={Journal of Armored Force Engineering Institute},

volume={1},

year={2005}

}

**13.Steady**‐**state diffusion approximations for discrete**‐**time queue in hospital inpatient flow management**

<https://onlinelibrary.wiley.com/doi/full/10.1002/nav.21787?casa_token=QfCpPDEd2t8AAAAA%3A9aWYUAUzEUWOwCxgWRO5fnnyZBKENTF97F6xZ_lr1cSZxMe-8ATS2H9lkFe5z-pPwB-ajyIqe5mzipqm>

Bibtex:

@article{feng2018steady,

title={Steady-state diffusion approximations for discrete-time queue in hospital inpatient flow management},

author={Feng, Jiekun and Shi, Pengyi},

journal={Naval Research Logistics (NRL)},

volume={65},

number={1},

pages={26--65},

year={2018},

publisher={Wiley Online Library}

}

**14.Reducing Queues in a Nigerian Hospital Pharmacy**

https://irepos.unijos.edu.ng/jspui/handle/123456789/565

Bibtex:

@article{ndukwe2011reducing,

title={Reducing queues in a Nigerian hospital pharmacy},

author={Ndukwe, HC and Omale, S and Opanuga, OO},

year={2011},

publisher={African Journal of Pharmacy and Pharmacology}

}

**15.[Estimating business loss to a hospital emergency department from patient reneging by queuing-based regression](http://search.proquest.com/openview/9eca2537a0463a4006e9da1ee9d6c73f/1?pq-origsite=gscholar&cbl=51908&casa_token=N4hhMSbiLGsAAAAA:v44RJFmaRqw14hJ1B8ntUyavIQs1y7kPMZ-j9zeSV-tiedblBc99U8hIszxNSmKagzxuH4XIkz0)**

http://search.proquest.com/openview/9eca2537a0463a4006e9da1ee9d6c73f/1?pq-origsite=gscholar&cbl=51908&casa\_token=N4hhMSbiLGsAAAAA:v44RJFmaRqw14hJ1B8ntUyavIQs1y7kPMZ-j9zeSV-tiedblBc99U8hIszxNSmKagzxuH4XIkz0

Bibtex:

@inproceedings{broyles2007estimating,

title={Estimating business loss to a hospital emergency department from patient reneging by queuing-based regression},

author={Broyles, James R},

booktitle={IIE Annual Conference. Proceedings},

pages={613},

year={2007},

organization={Institute of Industrial and Systems Engineers (IISE)}

}

**16. An MRP-Based architecture of plan resources and to manage waiting queue in hospital systems**

<https://www.scitepress.org/papers/2009/15511/15511.pdf>

Bibtex:

@inproceedings{iannone2009mrp,

title={An MRP-based Architecture to Plan Resources and to Manage Waiting Queue in Hospital Systems.},

author={Iannone, Raffaele and Pepe, Claudia and Riemma, Stefano},

booktitle={HEALTHINF},

pages={478--483},

year={2009}

}

**17.A multi-user simulation of a hospital queue**

<https://www.researchgate.net/profile/Mario_Jorge_De_Oliveira2/publication/301292122_A_MULTI-USER_SIMULATION_OF_A_HOSPITAL_QUEUE/links/570fe2c908ae74cb7d9efca4.pdf>

Bibtex:

@inproceedings{moraes2002multi,

title={A multi-user simulation of a hospital queue},

author={MORAES, Adriana B and DE OLIVEIRA, MARIO JF and ESPOSITO, SHEILA M and BORDALO, SIMONE M},

booktitle={Proceeding of the 28th Meeting of the European Working Group on Operational Research Applied to Health Services},

year={2002}

}

**18.Review of predicting number of patients in the queue in the hospital using monte carlo simulation**

<https://www.semanticscholar.org/paper/REVIEW-OF-PREDICTING-NUMBER-OF-PATIENTS-IN-THE-IN-Muthoni-Kimani/e9de8bc2c9e1ab17ae173ff04e6512ff40100f5b#references>

Bibtex:

@article{muthoni2014review,

title={Review of predicting number of patients in the queue in the hospital using Monte Carlo Simulation},

author={Muthoni, Gateri Judy and Kimani, Stephen and Wafula, Joseph},

journal={International Journal of Computer Science Issues (IJCSI)},

volume={11},

number={2},

pages={219},

year={2014},

publisher={International Journal of Computer Science Issues (IJCSI)}

}

**19.Technical Note—An Equivalence Between Continuous and Discrete Time Markov Decision Processes**

<https://pubsonline.informs.org/doi/abs/10.1287/opre.27.3.616>

Bibtex:

@article{serfozo1979equivalence,

title={An equivalence between continuous and discrete time Markov decision processes},

author={Serfozo, Richard F},

journal={Operations Research},

volume={27},

number={3},

pages={616--620},

year={1979},

publisher={INFORMS}

}

**20.An Improved Approximation for the Gaussian Q-Function**

<https://ieeexplore.ieee.org/abstract/document/4289989>

Bibtex:

@article{karagiannidis2007improved,

title={An improved approximation for the Gaussian Q-function},

author={Karagiannidis, George K and Lioumpas, Athanasios S},

journal={IEEE Communications Letters},

volume={11},

number={8},

pages={644--646},

year={2007},

publisher={IEEE}

}