

@article{10.5555/3322706.3322734, author = {Bingham, Eli and Chen, Jonathan P. and Jankowiak, Martin and Obermeyer, Fritz and Pradhan, Neeraj and Karaletsos, Theofanis and Singh, Rohit and Szerlip, Paul and Horsfall, Paul and Goodman, Noah D.}, title = {Pyro: Deep Universal Probabilistic Programming}, year = {2019}, issue_date = {January 2019}, publisher = {JMLR.org}, volume = {20}, number = {JMLR}, issn = {1532-4435}, loc = {J. Mach. Learn. Res.}, month = jan, pages = {973-978}, numpages = {6}, keywords = {probabilistic programming, deep learning, approximate Bayesian inference, graphical models, generative models}, url = <https://paperswithcode.com/paper/pyro-deep-universal-probabilistic-programming> }

@misc{li2021analytical, title={Analytical Characterization and Design Space Exploration for Optimization of CNNs}, author={Rui Li and Yufan Xu and Aravind Sukumaran-Rajam and Atanas Rountev and P. Sadayappan}, year={2021}, eprint={2101.09808}, archivePrefix={arXiv}, primaryClass={cs.LG}, url={<https://arxiv.org/pdf/2101.09808.pdf>}, loc={The ACM Conference on Architectural Support for Programming Languages and Operating Systems}, number={ASPLOS} }

@article{10.1145/3434321, author = {Courant, Nathanaël and Leroy, Xavier}, title = {Verified Code Generation for the Polyhedral Model}, year = {2021}, issue_date = {January 2021}, publisher = {Association for Computing Machinery}, address = {New York, NY, USA}, volume = {5}, number = {POPL}, url = <https://doi.org/10.1145/3434321>, doi = {10.1145/3434321}, journal = {Proc. ACM Program. Lang.}, month = jan, articleno = {40}, numpages = {24}, keywords = {Polyhedral model, Polyhedral code generation, Compiler verification}, loc = {Proc. ACM Program. Lang.} }

@article{Ghahramani2015, author={Ghahramani, Zoubin}, title={Probabilistic machine learning and artificial intelligence}, journal={Nature}, year={2015}, month={May}, day={01}, number={521}, pages={452-459}, issn={1476-4687}, doi={10.1038/nature14541}, url={<https://doi.org/10.1038/nature14541>}, loc={Nature} }

@article{10.1145/3341702, author = {Walia, Rajan and Narayanan, Praveen and Carette, Jacques and Tobin-Hochstadt, Sam and Shan, Chung-chieh}, title = {From High-Level Inference Algorithms to Efficient Code}, year = {2019}, issue_date = {August 2019}, publisher = {Association for Computing Machinery}, address = {New York, NY, USA}, volume = {3}, number = {ICFP}, url = <https://doi.org/10.1145/3341702>, doi = {10.1145/3341702}, journal = {Proc. ACM Program. Lang.}, month = jul, articleno = {98}, numpages = {30}, keywords = {loop optimization, conjugacy, marginalization, collapsed Gibbs sampling, arrays, plates, multidimensional distributions, probabilistic programs, map-reduce}, loc = {Proc. ACM Program. Lang.} }

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