

Paper decision: Accept (Oral)

Making Neural Programming Architectures Generalize via Recursion

Jonathon Cai, Richard Shin, Dawn Song

06 Nov 2016ICLR 2017 conference submissionreaders: everyone13 Replies

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End-to-end Optimized Image Compression

Johannes Ball & Valero Laparra, Eero P. Simoncelli

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Optimization as a Model for Few-Shot Learning

Sachin Ravi, Hugo Larochelle

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Learning End-to-End Goal-Oriented Dialog

Antoine Bordes, Y-Lan Boureau, Jason Weston

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Towards Principled Methods for Training Generative Adversarial Networks

Martin Arjovsky, Leon Bottou

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Reinforcement Learning with Unsupervised Auxiliary Tasks

Max Jaderberg, Volodymyr Mnih, Wojciech Marian Czarnecki, Tom Schaul, Joel Z Leibo, David Silver, Koray Kavukcuoglu

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Multi-Agent Cooperation and the Emergence of (Natural) Language

Angeliki Lazaridou, Alexander Peysakhovich, Marco Baroni

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Understanding deep learning requires rethinking generalization

Chiyuan Zhang, Samy Bengio, Moritz Hardt, Benjamin Recht, Oriol Vinyals

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Neural Architecture Search with Reinforcement Learning

Barret Zoph, Quoc Le

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Q-Prop: Sample-Efficient Policy Gradient with An Off-Policy Critic

Shixiang Gu, Timothy Lillicrap, Zoubin Ghahramani, Richard E. Turner, Sergey Levine

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Learning to Act by Predicting the Future

Alexey Dosovitskiy, Vladlen Koltun

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On Large-Batch Training for Deep Learning: Generalization Gap and Sharp Minima

Nitish Shirish Keskar, Dheevatsa Mudigere, Jorge Nocedal, Mikhail Smelyanskiy, Ping Tak Peter Tang

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Nicolas Papernot, Mart ín Abadi, Úlfar Erlingsson, Ian Goodfellow, Kunal Talwar

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Amortised MAP Inference for Image Super-resolution

Casper Kaae Sønderby, Jose Caballero, Lucas Theis, Wenzhe Shi, Ferenc Husz ár

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Learning Graphical State Transitions

Daniel D. Johnson

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Paper decision: Accept (Poster)

Paying More Attention to Attention: Improving the Performance of Convolutional Neural Networks via Attention Transfer

Sergey Zagoruyko, Nikos Komodakis

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Learning Visual Servoing with Deep Features and Fitted Q-Iteration

Alex X. Lee, Sergey Levine, Pieter Abbeel

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Stochastic Neural Networks for Hierarchical Reinforcement Learning

Carlos Florensa, Yan Duan, Pieter Abbeel

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Nonparametric Neural Networks

George Philipp, Jaime G. Carbonell

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Jimmy Ba, Roger Grosse, James Martens

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Hao Li, Asim Kadav, Igor Durdanovic, Hanan Samet, Hans Peter Graf
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Learning to Generate Samples from Noise through Infusion Training

Florian Bordes, Sina Honari, Pascal Vincent
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FILTER SHAPING FOR CONVOLUTIONAL NEURAL NETWORKS

Xingyi Li, Fuxin Li, Xiaoli Fern, Raviv Raich
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Multilayer Recurrent Network Models of Primate Retinal Ganglion Cell Responses

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Improving Generative Adversarial Networks with Denoising Feature Matching

David Warde-Farley, Yoshua Bengio

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Minmin Chen

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Outrageously Large Neural Networks: The Sparsely-Gated Mixture-of-Experts Layer

Noam Shazeer, *Azalia Mirhoseini, *Krzysztof Maziarz, Andy Davis, Quoc Le, Geoffrey Hinton, Jeff Dean

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A STRUCTURED SELF-ATTENTIVE SENTENCE EMBEDDING

Zhouhan Lin, Minwei Feng, Cicero Nogueira dos Santos, Mo Yu, Bing Xiang, Bowen Zhou,
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Gabriel Loaiza-Ganem *, Yuanjun Gao *, John P. Cunningham

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Luke Metz, Ben Poole, David Pfau, Jascha Sohl-Dickstein

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Hanjun Dai, Bo Dai, Yan-Ming Zhang, Shuang Li, Le Song

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Generative Multi-Adversarial Networks

Ishan Durugkar, Ian Gemp, Sridhar Mahadevan

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Mollifying Networks

Caglar Gulcehre, Marcin Moczulski, Francesco Visin, Yoshua Bengio

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beta-VAE: Learning Basic Visual Concepts with a Constrained Variational Framework

Irina Higgins, Loic Matthey, Arka Pal, Christopher Burgess, Xavier Glorot, Matthew Botvinick, Shakir Mohamed, Alexander Lerchner

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Leon Sixt, Benjamin Wild, Tim Landgraf

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Tao Wei, Changhu Wang, Chang Wen Chen

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Jonas Degraeve, Michiel Hermans, Joni Dambre, Francis wyffels

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Bailey Kong, Charless C. Fowlkes

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Luis Gonzalo Sanchez Giraldo

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End-to-End Learnable Histogram Filters

Rico Jonschkowski, Oliver Brock

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Zoe McCarthy, Andrew Bai, Xi Chen, Pieter Abbeel

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