Scientific workshop "Big Data Analytics" - Meeting #3879

Scientific seminar 2020-09-08 online planning semester

2020-09-08 15:11 - Evgeniy Pavlovskiy

Status:	New	**Start date:**	2020-09-08
Priority:	Middle (Средний)	**Due date:**	2020-09-08
Assignee:	BDA-students-2020-2022	**% Done:**	0%
Target version:		**Spent time:**	0.00 hour
Time:	16:20 - 17:00	**Participants (Wiki):**	
Place:	https://us02web.zoom.us/j/86212050320	**Participants:**	Alexander Donets, Alexander Rusnak, Alix Bernard, Andrey Yashkin, Darya Pirozhkova, Enes Esvet Kuzucu, Evgeniy Pavlovskiy, Kaivalya Pandey, Kirill Lunev, Maria Matveeva, Minh Sao Khue Luu, Mohamed Nasser, Mukul Vishwas, Nikita Nikolaev, Oladotun Oluwagbemi , Sayed Mohammad Sajjadi, Sergey Berezin, Sergey Pnev, Virgilio Espina, Vladislav Panferov, Walid Koliai, Watana Pongsapas , Xu Zhang

Description

Record of seminar: https://youtu.be/xMWuuKEl2SI

Requirements:

- TBD 22 Sept *

Paper	Link
1 VoiceFilter from Google	https://google.github.io/speaker-id/publications/VoiceFilter/
2 Wavesplit - Июль 2020. SDR 21.0 на WSJ0-mix2	https://arxiv.org/pdf/2002.08933v2.pdf
3 Neural Supersampling for Real-time Rendering (Facebook)	https://research.fb.com/wp-content/uploads/2020/06/Neural-Supersampling-for-Real-time-Rendering.pdf (https://neurohive.io/ru/novosti/nejroset-ot-fair-povyshaet-razreshenie-izobrazheniya-v-16-raz/)
4 DeepFaceDrawing: Deep Generation of Face Images from Sketches	http://geometrylearning.com/paper/DeepFaceDrawing.pdf (https://neurohive.io/ru/novosti/deepfacedrawing-nejroset-generiruet-izobrazheniya-ljudej-po-sketcham/)
5 Tacotron 2 (without wavenet)	https://github.com/NVIDIA/tacotron2 (paper: https://arxiv.org/pdf/1712.05884.pdf)
6 DoubleU-Net: A Deep Convolutional Neural Network for Medical Image Segmentation.	https://arxiv.org/pdf/2006.04868.pdf
7 LoCo: Local Contrastive Representation Learning,	https://arxiv.org/abs/2008.01342 (https://arxiv.org/abs/2008.01342)
8 3D Self-Supervised Methods for Medical Imaging	https://arxiv.org/abs/2006.03829 (https://arxiv.org/abs/2006.03829)
9 Brain Tumor Survival Prediction using Radiomics Features,	https://arxiv.org/abs/2009.02903
10 Multilingual Speech Recognition with Corpus Relatedness Sampling.	https://isca-speech.org/archive/Interspeech_2019/pdfs/3052.pdf
11 Does BERT Make Any Sense?	https://arxiv.org/pdf/1909.10430.pdf
12 Unsupervised Cross-lingual Representation Learning at Scale	https://arxiv.org/pdf/1911.02116.pdf
13 Reverse KL-Divergence Training of Prior Networks: Improved Uncertainty and Adversarial Robustness	https://arxiv.org/pdf/1905.13472.pdf
14 The Bottom-up Evolution of Representations in the	https://arxiv.org/pdf/1909.01380.pdf

Transformer:A Study with Machine Translation and Language Modeling Objectives	
15 Zero-Shot Learning - A ComprehensiveEvaluation of the Good, the Bad and the Ugly	https://arxiv.org/pdf/1707.00600.pdf
16 Generalized Zero- and Few-Shot Learning via Aligned Variational Autoencoders	https://arxiv.org/pdf/1812.01784.pdf
17 Rethinking Generative Zero-Shot Learning: An EnsembleLearning Perspective for Recognising Visual Patches	https://arxiv.org/pdf/2007.13314.pdf
18 Plug and Play Language Models: A Simple Approach to Controlled Text Generation	https://arxiv.org/pdf/1912.02164.pdf
new item	new item

History

#1 - 2020-09-08 16:28 - Evgeniy Pavlovskiy

- Description updated

#2 - 2020-09-08 17:17 - Evgeniy Pavlovskiy

- Description updated

- Participants Alix Bernard, Andrey Yashkin, Darya Pirozhkova, Evgeniy Pavlovskiy, Mukul Vishwas, Oladotun Oluwagbemi , Vladislav Panferov, Watana Pongsapas added

#3 - 2020-09-08 17:18 - Evgeniy Pavlovskiy

- Participants Enes Esvet Kuzucu, Kaivalya Pandey, Kirill Lunev, Maria Matveeva, Minh Sao Khue Luu, Mohamed Nasser, Nikita Nikolaev added

#4 - 2020-09-08 17:22 - Evgeniy Pavlovskiy

- Participants Alexander Donets, Sayed Mohammad Sajjadi, Sergey Berezin, Sergey Pnev, Virgilio Espina, Walid Koliai added

#5 - 2020-09-14 15:06 - Evgeniy Pavlovskiy

- Description updated

#6 - 2020-09-14 15:25 - Evgeniy Pavlovskiy

- Assignee changed from Evgeniy Pavlovskiy to Sayed Mohammad Sajjadi

#7 - 2020-09-14 15:29 - Evgeniy Pavlovskiy

- Assignee changed from Sayed Mohammad Sajjadi to BDA-students-2020-2022

#8 - 2020-09-14 16:04 - Alexander Rusnak

- Participants Alexander Rusnak added

#9 - 2020-09-14 16:09 - Sayed Mohammad Sajjadi

- Participants deleted (Alexander Rusnak)

Evgeniy Pavlovskiy wrote:

> Record of seminar: https://youtu.be/xMWuuKEl2SI
>
> | Paper | Link |
> |---|---|
> | 1 VoiceFilter from Google | https://google.github.io/speaker-id/publications/VoiceFilter/ |
> | 2 Wavesplit - Июль 2020. SDR 21.0 на WSJ0-mix2 | https://arxiv.org/pdf/2002.08933v2.pdf |
> | 3 Neural Supersampling for Real-time Rendering (Facebok) | https://research.fb.com/wp-content/uploads/2020/06/Neural-Supersampling-for-Real-time-Rendering.pdf (https://neurohive.io/ru/novosti/nejroset-ot-fair-povyshaet-razreshenie-i |

	zobrazheniya-v-16-raz/)
4 DeepFaceDrawing: Deep Generation of Face Images from Sketches	http://geometrylearning.com/paper/DeepFaceDrawing.pdf (https://neurohive.io/ru/novosti/deepfacedrawing-nejroset-generiruet-izobrazheniya-ljudej-po-sketcham/)
5 Tacotron 2 (without wavenet)	https://github.com/NVIDIA/tacotron2 (paper: https://arxiv.org/pdf/1712.05884.pdf)
6 DoubleU-Net: A Deep Convolutional Neural Network for Medical Image Segmentation.	https://arxiv.org/pdf/2006.04868.pdf
7 LoCo: Local Contrastive Representation Learning,	https://arxiv.org/abs/2008.01342 (https://arxiv.org/abs/2008.01342)
8 3D Self-Supervised Methods for Medical Imaging	https://arxiv.org/abs/2006.03829 (https://arxiv.org/abs/2006.03829)
9 Brain Tumor Survival Prediction using Radiomics Features,	https://arxiv.org/abs/2009.02903
10 Multilingual Speech Recognition with Corpus Relatedness Sampling.	https://isca-speech.org/archive/Interspeech_2019/pdfs/3052.pdf
11 Does BERT Make Any Sense?	https://arxiv.org/pdf/1909.10430.pdf
12 Unsupervised Cross-lingual Representation Learning at Scale	https://arxiv.org/pdf/1911.02116.pdf
13 Reverse KL-Divergence Training of Prior Networks: Improved Uncertainty and Adversarial Robustness	https://arxiv.org/pdf/1905.13472.pdf
14 The Bottom-up Evolution of Representations in the Transformer:A Study with Machine Translation and Language Modeling Objectives	https://arxiv.org/pdf/1909.01380.pdf
15 Zero-Shot Learning - A ComprehensiveEvaluation of the Good, the Bad and the Ugly	https://arxiv.org/pdf/1707.00600.pdf
16 Generalized Zero- and Few-Shot Learning via Aligned Variational Autoencoders	https://arxiv.org/pdf/1812.01784.pdf
17 Rethinking Generative Zero-Shot Learning: An EnsembleLearning Perspective for Recognising Visual Patches	https://arxiv.org/pdf/2007.13314.pdf
18 Plug and Play Language Models: A Simple Approach to Controlled Text Generation	https://arxiv.org/pdf/1912.02164.pdf
19 Community detection in social networks	https://bit.ly/32u1jP2
20 User characterization for online social networks	https://arxiv.org/pdf/1611.03971
21 Recommendations with a Purpose	https://web-ainf.aau.at/pub/jannach/files/Conference_RecSys2016.pdf
22 Untangling blockchain: A data processing view of blockchain systems	https://ieeexplore.ieee.org/iel7/69/4358933/08246573.pdf
23 Deep neural networks for youtube recommendations	https://research.google/pubs/pub45530.pdf
24 Information evolution in social networks	https://arxiv.org/pdf/1402.6792
25 Online actions with offline impact: How online social networks influence online and offline user behavior	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5361221/
26 title	link

#10 - 2020-09-14 16:10 - Alexander Rusnak

- Participants Alexander Rusnak added

NEURAL OBLIVIOUS DECISION ENSEMBLES FOR DEEP LEARNING ON TABULAR DATA	https://arxiv.org/pdf/1909.06312.pdf
Introducing Aspects of Creativity in Automatic Poetry Generation	https://arxiv.org/pdf/2002.02511.pdf
Cross-lingual Language Model Pretraining	https://arxiv.org/pdf/1901.07291.pdf
Polyglot Contextual Representations Improve Crosslingual Transfer	https://arxiv.org/pdf/1902.09697.pdf
LOW-RESOURCE NEURAL MACHINE TRANSLATION: A BENCHMARK FOR FIVE AFRICAN LANGUAGES	https://arxiv.org/pdf/2003.14402.pdf

#11 - 2020-09-14 16:20 - Sayed Mohammad Sajjadi

1 | Community detection in social networks | https://bit.ly/32u1jP2
2 | User characterization for online social networks | https://arxiv.org/pdf/1611.03971
3 | Recommendations with a Purpose | https://web-ainf.aau.at/pub/jannach/files/Conference_RecSys2016.pdf
4 | Untangling blockchain: A data processing view of blockchain systems | https://ieeexplore.ieee.org/iel7/69/4358933/08246573.pdf
5 | Deep neural networks for youtube recommendations | https://research.google/pubs/pub45530.pdf
6 | Information evolution in social networks | https://arxiv.org/pdf/1402.6792
7 | Online actions with offline impact: How online social networks influence online and offline user behavior | https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5361221/

#12 - 2020-09-14 16:22 - Sayed Mohammad Sajjadi

Sayed Mohammad Sajjadi wrote:

> 1 | Community detection in social networks | https://bit.ly/32u1jP2
> 2 | User characterization for online social networks | https://arxiv.org/pdf/1611.03971
> 3 | Recommendations with a Purpose | https://web-ainf.aau.at/pub/jannach/files/Conference_RecSys2016.pdf
> 4 | Untangling blockchain: A data processing view of blockchain systems | https://ieeexplore.ieee.org/iel7/69/4358933/08246573.pdf
> 5 | Deep neural networks for youtube recommendations | https://research.google/pubs/pub45530.pdf
> 6 | Information evolution in social networks | https://arxiv.org/pdf/1402.6792
> 7 | Online actions with offline impact: How online social networks influence online and offline user behavior | https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5361221/

#13 - 2020-09-14 16:36 - Virgilio Espina

- File Articles.pdf added

#14 - 2020-09-14 16:38 - Virgilio Espina

- File deleted (Articles.pdf)

#15 - 2020-09-14 16:52 - Virgilio Espina

A survey of the recent architectures of deep convolutional neural networks https://bit.ly/3bWQY1i
Reinforcement learning applied to Forex trading https://bit.ly/33p4qXT
Federated Learning: Challenges, Methods, and Future Directions https://bit.ly/3isylEU
Review of Deep Learning Algorithms and Architectures https://bit.ly/2ZAIyIe
Financial time series forecasting model based on CEEMDAN and LSTM https://bit.ly/35z7P9l

#16 - 2020-09-14 23:02 - Walid Koliai

*Developing theoretical contributions in information systems via text analytics:
https://journalofbigdata.springeropen.com/articles/10.1186/s40537-019-0280-6
*Making Reproducible Research Data by Utilizing Persistent ID Graph Structure:
https://ieeexplore.ieee.org/document/9070341
*Anomaly Detection for Science DMZs Using System Performance Data:
https://ieeexplore.ieee.org/document/9049695
*Leveraging Data Science To Combat COVID-19: A Comprehensive Review:
https://www.semanticscholar.org/paper/Leveraging-Data-Science-To-Combat-COVID-19%3A-A-Latif-Usman/0751d2fa3a54cbbb4d594f2ee47c3aa7e4003a24
*Analyzing changes in the complexity of climate in the last four decades using MERRA-2 radiation data:
https://paperity.org/p/233416441/analyzing-changes-in-the-complexity-of-climate-in-the-last-four-decades-using-merra-2

#17 - 2020-09-15 10:57 - Sergey Pnev

Evgeniy Pavlovskiy wrote:

> Record of seminar: https://youtu.be/xMWuuKEl2SI
>
> |_.Paper|_.Link| |1 VoiceFilter from Google |https://google.github.io/speaker-id/publications/VoiceFilter/ | |2 Wavesplit - Июль 2020. SDR 21.0 на WSJ0-mix2 |https://arxiv.org/pdf/2002.08933v2.pdf| |3 Neural Supersampling for Real-time Rendering (Facebok) |https://research.fb.com/wp-content/uploads/2020/06/Neural-Supersampling-for-Real-time-Rendering.pdf (https://neurohive.io/ru/novosti/nejroset-ot-fair-povyshaet-razreshenie-izobrazheniya-v-16-raz/) | |4 DeepFaceDrawing: Deep Generation of Face Images from Sketches |http://geometrylearning.com/paper/DeepFaceDrawing.pdf (https://neurohive.io/ru/novosti/deepfacedrawing-nejroset-generiruet-izobrazheniya-ljudej-po-sketcham/)| |5 Tacotron 2 (without wavenet) |https://github.com/NVIDIA/tacotron2 (paper: https://arxiv.org/pdf/1712.05884.pdf) | |6 DoubleU-Net: A Deep Convolutional Neural Network for Medical Image Segmentation. |https://arxiv.org/pdf/2006.04868.pdf | |7 LoCo: Local Contrastive Representation Learning, |https://arxiv.org/abs/2008.01342 (https://arxiv.org/abs/2008.01342)| |8 3D Self-Supervised Methods for Medical Imaging |https://arxiv.org/abs/2006.03829 (https://arxiv.org/abs/2006.03829)| |9 Brain Tumor Survival Prediction using Radiomics Features, |https://arxiv.org/abs/2009.02903| |10 Multilingual Speech Recognition with Corpus Relatedness Sampling. |https://isca-speech.org/archive/Interspeech_2019/pdfs/3052.pdf| |11 Does BERT Make Any Sense? |https://arxiv.org/pdf/1909.10430.pdf| |12 Unsupervised Cross-lingual Representation Learning at Scale |https://arxiv.org/pdf/1911.02116.pdf| |13 Reverse KL-Divergence Training of Prior Networks: Improved Uncertainty and Adversarial Robustness |https://arxiv.org/pdf/1905.13472.pdf| |14 The Bottom-up Evolution of Representations in the Transformer:A Study with Machine Translation and Language Modeling Objectives |https://arxiv.org/pdf/1909.01380.pdf| |15 Zero-Shot Learning - A ComprehensiveEvaluation of the Good, the Bad and the Ugly |https://arxiv.org/pdf/1707.00600.pdf| |16 Generalized Zero- and Few-Shot Learning via Aligned Variational Autoencoders |https://arxiv.org/pdf/1812.01784.pdf| |17 Rethinking Generative Zero-Shot Learning: An EnsembleLearning Perspective for Recognising Visual Patches |https://arxiv.org/pdf/2007.13314.pdf| |18 Plug and Play Language Models: A Simple Approach to Controlled Text Generation |https://arxiv.org/pdf/1912.02164.pdf| |19 Deep Visual Attention Prediction

https://arxiv.org/pdf/1705.02544.pdf

> |20 Attention Is All You Need

https://arxiv.org/pdf/1706.03762.pdf

|21 Neural Ordinary Differential Equations

https://arxiv.org/pdf/1806.07366.pdf

|22 Reversible Architectures for Arbitrarily Deep Residual Neural Networks

https://arxiv.org/pdf/1709.03698.pdf

|23 DetectoRS: Detecting Objects with Recursive Feature Pyramid

and Switchable Atrous Convolution |https://arxiv.org/pdf/2006.02334v1.pdf|

new item	new item

#18 - 2020-09-15 10:59 - Kirill Lunev

Mask R-CNN https://arxiv.org/abs/1703.06870

Depth-Aware Video Frame Interpolation https://arxiv.org/abs/1904.00830

Combining Machine Learning and Natural Language Processing to Assess Literary Text Comprehension https://files.eric.ed.gov/fulltext/ED577127.pdf

Deep Visual-Semantic Alignments for Generating Image Descriptions https://arxiv.org/pdf/1412.2306v2.pdf

Learning a SAT Solver from Single-Bit Supervision https://arxiv.org/abs/1802.03685

#19 - 2020-09-15 12:48 - Muhammad Hami Asma'i bin Ismail

1) A big data analytical architecture for the Asset Management https://www.sciencedirect.com/science/article/pii/S2212827117301634
2) Big Data Analytics and Its Applications in Supply Chain Management
https://www.intechopen.com/books/new-trends-in-the-use-of-artificial-intelligence-for-the-industry-4-0/big-data-analytics-and-its-applications-in-supply-chain-management
3) Big Data analytics in oil and gas industry: An emerging trend
https://www.researchgate.net/publication/329353733_Big_Data_analytics_in_oil_and_gas_industry_An_emerging_trend
4) Predictive big data analytics for supply chain demand forecasting: methods, applications, and research opportunities
https://journalofbigdata.springeropen.com/articles/10.1186/s40537-020-00329-2
5) Using Text Mining to Estimate Schedule Delay Risk of 13 Offshore Oil and Gas EPC Case Studies During the Bidding Process
https://www.researchgate.net/publication/333317949_Using_Text_Mining_to_Estimate_Schedule_Delay_Risk_of_13_Offshore_Oil_and_Gas_EPC_Case_Studies_During_the_Bidding_Process
6) Applying Data Science Techniques to Improve Information Discovery in Oil And Gas Unstructured Data
https://www.onepetro.org/conference-paper/IPTC-20236-Abstract

#20 - 2020-09-15 13:36 - Enes Esvet Kuzucu

https://arxiv.org/pdf/1708.09757.pdf
Opportunities and challenges for quantum-assisted machine learning in near-term quantum computers /2017/59 Cit.

https://arxiv.org/pdf/1711.11240.pdf
Quantum Neuron: an elementary building block for machine learning on quantum computers /2018/49 Cit.

https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8241753
Deep Learning Applications in Medical Image Analysis /2018/251 cit

Backpropamine: training self-modifying neural networks with differentiable neuromodulated plasticity
https://arxiv.org/pdf/2002.10585.pdf /2019/29 cit

Convolutional Recurrent Neural Networks forPolyphonic Sound Event Detection /2017/240 cit
https://arxiv.org/pdf/1702.06286.pdf

#21 - 2020-09-15 13:49 - Xu Zhang

- Participants Xu Zhang added

1.XGBoost: A Scalable Tree Boosting System
https://arxiv.org/pdf/1603.02754.pdf

2.BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding
https://arxiv.org/abs/1810.04805

3.DeepFM: A Factorization-Machine based Neural Network for CTR Prediction
https://arxiv.org/abs/1703.04247

4.attention is all you need
https://arxiv.org/abs/1706.03762

5.You Only Look Once: Unified, Real-Time Object Detection

https://arxiv.org/abs/1506.02640

#22 - 2020-09-15 14:01 - Sergey Berezin

Language Models are Few-Shot Learners (GPT-3) -https://arxiv.org/abs/2005.14165 https://openai.com/blog/openai-api/
StyleGAN2 - http://arxiv.org/abs/1912.04958 https://github.com/NVlabs/stylegan2
"Towards a Human-like Open-Domain Chatbot" https://arxiv.org/abs/2001.09977
"Transfer Learning from Speaker Verification to Multispeaker Text-To-Speech Synthesis": https://arxiv.org/abs/1806.04558
ASAPP-ASR: Multistream CNN and Self-Attentive SRU for SOTA Speech Recognition https://arxiv.org/pdf/2005.10469v1.pdf

#23 - 2020-09-15 14:08 - Minh Sao Khue Luu

Deep learning
https://www.nature.com/articles/nature14539

Generative Adversarial Networks
https://arxiv.org/abs/1406.2661

Data mining with big data
https://ieeexplore.ieee.org/abstract/document/6547630

Scalable Nearest Neighbor Algorithms for High Dimensional Data
https://ieeexplore.ieee.org/document/6809191

An insight into classification with imbalanced data: Empirical results and current trends on using data intrinsic characteristics
https://www.sciencedirect.com/science/article/pii/S0020025513005124

QBSO-FS: A Reinforcement Learning Based Bee Swarm Optimization Metaheuristic for Feature Selection
https://sci-hub.tw/https://doi.org/10.1007/978-3-030-20518-8_65

Machine Learning for Medical Imaging
https://pubs.rsna.org/doi/pdf/10.1148/rg.2017160130

EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks
https://arxiv.org/abs/1905.11946

MixMatch: A Holistic Approach to Semi-Supervised Learning
http://papers.nips.cc/paper/8749-mixmatch-a-holistic-approach-to-semi-supervised-learning.pdf

Adversarial Machine Learning at Scale
https://arxiv.org/abs/1611.01236

Big Universe, Big Data: Machine Learning and Image Analysis for Astronomy
https://sci-hub.tw/10.1109/MIS.2017.40

|19 Deep Visual Attention Prediction

https://arxiv.org/pdf/1705.02544.pdf

|20 Attention Is All You Need

https://arxiv.org/pdf/1706.03762.pdf

|21 Neural Ordinary Differential Equations

https://arxiv.org/pdf/1806.07366.pdf

|22 Reversible Architectures for Arbitrarily Deep Residual Neural Networks

https://arxiv.org/pdf/1709.03698.pdf

|23 DetectoRS: Detecting Objects with Recursive Feature Pyramid

and Switchable Atrous Convolution |https://arxiv.org/pdf/2006.02334v1.pdf|

#25 - 2020-09-15 14:33 - Virgilio Espina

Virgilio Espina wrote:

> A survey of the recent architectures of deep convolutional neural networks https://bit.ly/3bWQY1i
> Reinforcement learning applied to Forex trading https://bit.ly/33p4qXT
> Federated Learning: Challenges, Methods, and Future Directions https://bit.ly/3isylEU
> Review of Deep Learning Algorithms and Architectures https://bit.ly/2ZAlyIe
> Financial time series forecasting model based on CEEMDAN and LSTM https://bit.ly/35z7P9l

Emerging trends in geospatial artificial intelligence (geoAI): potential applications for environmental epidemiology https://bit.ly/3kgU9ny

#26 - 2020-09-15 15:02 - Maria Matveeva

- Description updated

#27 - 2020-09-15 15:04 - Maria Matveeva

- Description updated

1 Scikit-learn: Machine learning in Python https://www.jmlr.org/papers/volume12/pedregosa11a/pedregosa11a.pdf
2 The value of big data for credit scoring: Enhancing financial inclusion using mobile phone data and social network analytics https://arxiv.org/pdf/2002.09931v1.pdf
3 Pfp: parallel fp-growth for query recommendation https://storage.googleapis.com/pub-tools-public-publication-data/pdf/34668.pdf
4 Comparative Studies of Detecting Abusive Language on Twitter https://arxiv.org/abs/1808.10245
5 Enriching word vectors with subword information https://www.mitpressjournals.org/doi/pdfplus/10.1162/tacl_a_00051?source=post_page

#28 - 2020-09-15 16:34 - Evgeniy Pavlovskiy

- Description updated

#29 - 2020-09-15 16:43 - Nikita Nikolaev

1. Generative Dual Adversarial Network for Generalized Zero-Shot Learning - CVPR 2019 - cited by 39
https://paperswithcode.com/paper/generative-dual-adversarial-network-for

2. Attribute Attention for Semantic Disambiguation in Zero-Shot Learning - ICCV 2019 - cited by 10
https://paperswithcode.com/paper/attribute-attention-for-semantic

3. Zero-Shot Semantic Segmentation - NeurIPS 2019 - cited by 11
https://paperswithcode.com/paper/190600817

4. Sentence-BERT: Sentence Embeddings using Siamese BERT-Networks - IJCNLP 2019 - cited by 194
https://paperswithcode.com/paper/sentence-bert-sentence-embeddings-using

5. (Booked for presentation by Nikolaev N.) Attention-based deep residual learning network for entity relation extraction in Chinese EMRs - BMC Medical Informatics and Decision Making volume 19, Article number: 55 (2019)
https://bmcmedinformdecismak.biomedcentral.com/articles/10.1186/s12911-019-0769-0

#30 - 2020-09-15 16:52 - Mikhail Rodin

Classification is a Strong Baseline for Deep Metric Learning https://arxiv.org/abs/1811.12649v2
CTRL: A Conditional Transformer Language Model for Controllable Generation https://arxiv.org/abs/1909.05858v2
LSTM Pose Machines https://arxiv.org/abs/1712.06316v4
Image Super-Resolution Using Very Deep Residual Channel Attention Networks https://arxiv.org/abs/1807.02758v2
Transformer-OCR https://github.com/fengxinjie/Transformer-OCR

#31 - 2020-09-15 17:01 - Evgeniy Pavlovskiy

1 Robust active flow control over a range of Reynolds numbers using an artificial neural network trained through deep reinforcement learning
Cite as: Phys. Fluids 32, 053605 (2020); https://doi.org/10.1063/5.0006492
2 Accelerating deep reinforcement learning strategies of flow control through a multi-environment approach
Cite as: Phys. Fluids 31, 094105 (2019); https://doi.org/10.1063/1.5116415
3 Artificial neural networks trained through deep reinforcement learning discover control strategies for active flow control. J. Fluid Mech. (2019), vol. 865, pp. 281–302. doi:10.1017/jfm.2019.62