EXTRA ANTICLES:

- DM-10: NEURINAMENTAL INFERENCE AND LEARNING IN BELIEF NETWORKS
 - · VI FOR NEWAL NETS , HAS A FF NET TO SAMPLE FROM VARIATIONAL POSTERIOR , JOUTLY FRAINGS WITH MODEL
 - · NO STATE STORAGE, NO MIXING 155UES BETTER THAN MEME . SAMPLE NET GRADIENT ESTIMATES FUR MODEL AND NET PANAMS
 - . VANUACE REDUCTION TECHNIAVES! WHITEMING, OF ASSUMPTIONS FOR UYER . MODEL + NET! EMDDER + DECORPT ANTOBORDER PAIR
- DM 14: DEEP AUTO DEGRESSIVE NETWORKS
 - . DEEP STOCHASTIC HIMEN LAYERS ARE AUTOLEGRESSED GUICH EXACT ANCESTALL SAMPUNG
 - MOL PRINCIPLE SGD AR! CONNECTIONS FROM PRECEDURG SAME-LAYER AND PRECEDURG + LAYER UNITS
 LIS DRIMMORED
- PM 16 SEMI-SUPERVISES VERWIND WITH DEEP GENERATIVE MODELS
 - · GENERATIVE MODEL IS A DEEP NN · VANATIONAL Q IS INFERENCE/ RECOGNITION MODEL ·) DIAT OFTIMIZATION STOCKHISTIC PLACEMPTUP
 - · REPARAMEINZATION TRUCK OF EXFECTATIONS + MC MPACX . OPTIMZATION: SOD, RMSPAUN, ADALLAD
 - · NOT CHEAPER THAN AUTORIZOPA, BUT MORE VIRGATIVE . TRANSMITON INVARIANT MUIST: RECOUNTES DIGITS + STYLE
 - · FOSTERUOR ON WIENTS USBO TO TRAIN CHOSSIFIEDS . M1: GAUSSIAN .M2: GAUSSIAN MULTIMEMIAL
- DM-17: RECURRENT MODELS OF VISUAL ATTENTION
 - · ATTENTION FORMALIZED AS CONTROL TASK . (NN SELECTS LOCATION TO ATTEND TO . END-TO-END TRAINING. BACKINGO FOR RUN, PULICY GRADIENT FOR RE/CONTROL
 - MODEL . GLIMPSE SENSOR + GLIMPSE NETHORK . CORE NETWORK . LOCATION NETWORK , ACTION NETWORK ___ ACTION ! FINV. ACTION __ IMBEL
 - LHEXT OWNS E
 - , PRINFORCE ALGORITHMS
- DM-18: NEURAL TUNING MACHINES
 - · EZE DIFFERENTIABLE . R/W OPS BLURRY VIA ATTENTION MECHANISM . ADDRESSING: CONTENT (COSINE SIMILARITY) + LOCATION
 - · OPTIMIZATION: RMS FROF . WORLING MEMORY SYSTEM · TESTED ON COPY/RECALL/SORS TASMS. !!
- DM-29 WEIGHT UNCERTAINTY IN NEURAL NETWOODS
 - BAYES BY PACUPAGE

NEIGHTS ARE FROMBILITY DISTRIBUTIONS. POSTRUCA OF WEIGHTS GIVEN DATA REPARAMESTUBATION TRICK. USES VANILLA BRIDE GRADIENTS BECAUSE THEY WORK

PRIOR CHOIGE WITH CROSS VALUEATION WHITH THOMPSIGN SAMPLING

DM-33 & WEARWING TO TRANSPUCE WITH UNDOUGHS MEMORY

IT'S LIST M CONTROLLER + FULLY DIFFAMILE STACK/QUEUE/DEQUEUE STRUTURES

RMSPRON TRANSIA. GRAPIENT CLIPPING. USED NIP PASHE

DM-39 SPAIAL TRANSFORMER NETWORKS

DIFFARUE, LEARNARUE MODILIE / LAYER FUL NETS - COMMISSI

TRANSFORMATIONS ON FEATURE MAPS EXCELERATION NETWORK + SAMOUNG COUR + IMC SAMOUNG

DM- 45 GRID LONG SHOTS TELM MEMORY

MULTIDIMENSIONAL LISTM GRUD CELLS CONNECTED BEWEGN LAYERS AS WELL AS DATA SPACETIME DIMENSIONS

· 10 M GRD WITH IS FRUN USING LISTM FOR STAMPARD TRADITIONS RELATION TO HIGHWAY NOT

. 2 DIM GRID LITM IS STRUKED LISTM . 3+ DIM GRID LISTM IS MUCHOIM LISTM BUT IS LISTM IN ALL DIMS. NOT INST DEPTH

- DM-48 AN EMPIRICAL EXPLORATION OF RINN ARCHITECTURES

 17'S WHERE THEY "EVOLVE" FUN CELL STRUCTURES, LISTIM FORCET CATE W/ INITIAL BIAS = 1 PERFORMS CINE A GRU

 THEY FIND RESTOR ARCH

- DM-50 2500-BIAS AUTOENCODERS AM THE BEVEFITS OF COMPAPTING FRATURES NEGATIVE BIASES IN AE ARE BAD NOT PROPABILISTICALLY JUSTIFIED, BUT WORKS TRUMATES RECTIFIED. ON UNRECUMBERS AES (NOT CONTRACTUE, NOT DEMOSSING) TRAINES WITH TRUNCATION, TESTED WITHOUT, PERFORMS ON PAR DESTEN THAN OTHER AES
- THE RESIDENCE OF THE PARTY . MOAR - 02 A RECURRENT LATENT VANABLE MODEL FOR SEGVENTIAL DATA VANATIONAL RUN: LATENT RV INCLUDED IN DYNAMIC RUN HIGGER STATE HERE YOUN CONTAINS A VAE AT EVERLY TIMESTEP, CONDITIONED ON FUN 1/1-1 TIMESTER-WISE VALLETICATE LO SOINT TANDILLE OF CENEVATIVE AND INFERENCE MODEL WITH VARIATIONAL US WAS FAMOUS. SPEECH MODEUNG, HAMWAITING TASKS TORRE NOT STRONGS THE P

Thomas and the

1.79.

STATE OF THE STATE

9 17.17.39 .

- MOAR -03/04 A TUTUNAL ON DEED LEAVELED PAIST, PAIST VANILLA IMPRO. NONLIVEM CHISTIFISMS. PACAPROP. AUTOGRADOBAS. CONVINETS. RNN
- MOAR -07 AUTO-ENCODING VARIATIONAL BAYES THE KINGMA OF NUMBEROOFERS, SGVB REPARAMESNIZATION TRUCK
- MUAR 09 BATCH NORMALIZATION. ACCELERATING DEED IN TANINING BY REDUCING INFOCUM COUNTRY SHIFT ALLOWS MUCH HIGHER LR - FASTER CONVERGENCE MINISATCH NORMALIZATION (X-M). BN TRANSFORM (SCALE + 5 HIFT) USED AT EVAL INFERENCE TIME TO FIX VALUES REDUCES NEED FOR DROPOUT, LZ, IS REGUMBATION. TESTED ON IMPORTED. 30X SPREDVAS · IS IN THE NETHORN, PACHFRON THROUGH NORMANTATION FARAMS
- MUAR 10 BAYESIAN DAMIN MACHIEDGE IS VACUATIONAL AG. SUCO. DEFAUM FUCH. DEED ANN AS APPROXIMATION OF POSTEUOR PREDICTIVE MCMC+ MODEL DISTILLATION, STUDENT NETWORN + TEACHER NETWORN (FUSEWAVE OF) S NOBUT APPROXES DISTRIBUTION OF TENCHERS. GOOD FOR AN MEME METITED
- GA TED FEEDBACK RECURRENT NEWAL NETWORKS MOAR 17-GF-FUN, ISTM ON GRU CELLS, FOR LEMAING MULTIPLE TIMESCALES GATED FEEDMAIN CONNECTIONS FROM UPPER LAYERS TO LOWER LAYERS
- MOAR 13: GENERATIVE IMAGE MODELING USING SPATIAL LITT MULTIOIM LISTM, N-PARELEDING STATES CONNECTIVITY. RECURRICIES EVERYWHERE
- MOAR 19 HIGHWAY NETWORKS GATING UNITS TO REGULATE INFORMATION FLOW THROUGH NETWORK , YOU'S OF LAYERS 4=H(x,WH).T(x,WT)+x.C(xWe) [PANSFORM CATE, CAPPLY GATE, DIASE ILIT 20 TO FROMOTE CAPPLY BEHAVIOR
- MEAN FIELD THEORY FUR SIGNOID BELIEF NETWORK MCAR - 22 ANCITEMA. PROTO - VANATIONAL
- MOAR 29 THE WAVE-SUEED ALCONTHAM FOR UNSUPERVISED NEWAL NETWORKS. OFWERAL W/S FORMULATION, ANCIENT
- VISUALIZING AND UNDERSTAMING RECURSENT NEUMI NETWORKS. MOAR- 30 DIAGNOSTIG. MALYSIS OF LITM AM GRU INTERVAL BEHAVION.