

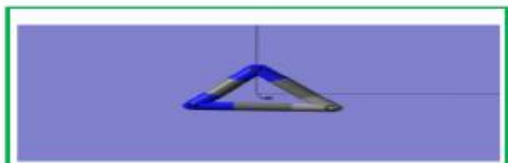


Journal of Applicable Chemistry

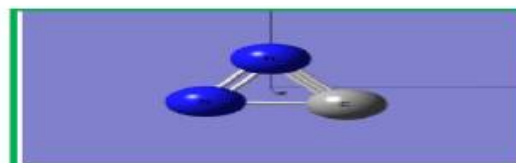
2024, 13 (6): 705-719
(International Peer Reviewed Journal)



New Chemistry News



New News of Chem (NNC)



ChemNewsNew (CNN)

CNN – 65a

Iam (Intelligence Augmented /Assisted Method(s))

Evolving Caps Net architectures

Research Literature References

Information Source	sciencedirect.com ;	
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Dedicated to Mother Nature...

Propagator, Evolver Assimilator Creator Energy (Peace)...

Conscious(ness) knowledge/ Information/ Data systems (Consc. (Kids) ,,,)

Dedicated to Mother Nature...

Propagator, Evolver Assimilator Creator Energy (Peace)...

Conscious knowledge/ Information/ Data systems (Consc. (Kids) ,,,)

Conspectus: "What is CAPSule(of Neurons) Net?" in Computational paradigm today.
 The capsule consists on more than one neuron represented as a vector or matrix (first and second order tensors). Each neuron of a capsule contain scalar (zero order tensor) postural data of a object or sub-object.

Keywords: Artificial intelligence (AI); Capsule Neural Nets—Hinton—Biological inspiration; Medicine-Chemistry; Classification; segmentation; Image analysis-in-Medical diagnosis;

CNN : [C [Computations; Computer; Chemistry, Cell, Celestial,Cerebrum] NN [New News; News New; Neural Nets; Nature News; News of Nature;]]
 Fits : [Figure Image Table Script;]

K(knowledge)Lab
rsr.chem1979

CapsN	Evolution	agreement	2018	99
Improved explainability of capsule networks: relevance path by agreement				Ti
ArXiv 1802.10204v 27Feb 2018 https://doi.org/10.48550/arXiv.1802.10204				Jo
Atefeh Shahroudnejad, Arash Mohammadi, and Konstantinos N. Plataniotis				Au

CapsN	Rev		2018	101a
An overview over Capsule Networks				Ti

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Capsule Networks – A survey https://doi.org/10.1016/j.jksuci.2019.09.014					Ti
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Mensah Kwabena Patrick, Adebayo Felix Adekoya, Ayidzoe Abra Mighty, Baagyire Y. Edward					Au

CapsN	REv			2022	100c
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CapsN	Evolution	Rev		2022	100
Capsule Networks – A survey					Ti
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Mensah Kwabena Patrick, Adebayo Felix Adekoya, Ayidzoe Abra Mighty, Baagyire Y. Edward					Au

CapsN	Evolution			2022	100S
Adaptive Attention Graph Capsule Network					Ti
ICASSP-2022					Jo
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CapsN	Evolution			2020	100z
A survey of quaternion neural networks					Ti
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Towards capsule routing as reconstruction with sparsity constraints					Ti
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Suofei Zhang, Wenhao Fan, Xiaofu Wu					Au

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Capsule Network Performance on Complex Data					Ti
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Edgar Xi, Selina Bing Yang Jin					Au

CapsN	Evolution			xxxx	103
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Marzieh Edraki, Nazanin Rahnavard, Mubarak Shah					Au
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CapsN	Evolution			2018	104
CapProNet: Deep Feature Learning via Orthogonal Projections onto Capsule Subspaces					Ti
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LihengZhangy, Marzieh Edrakiy, and Guo-Jun Qi					Au

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CapsN	Evolution			2014	106b
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Ian J. Goodfellow, Jean Pouget-Abadie, Mehdi Mirza, Bing Xu, David Warde-Farley, SherjilOzairy, Aaron Courville, Yoshua Bengio					Au

CapsN	Evolution			2018	106c
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Journal of Applied Mathematics and Physics, 10 (2022) 1098-1104					Jo
Xu Chen					Au

CapsN	Evolution			xxxxxxx	106
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CapsN	Evolution			2021	109d
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Jathushan Rajasegaran, Vinoj Jayasundara, Sandaru Jayasekara, Hirunima Jayasekara, Suranga Seneviratne, Ranga Rodrigo					Au

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CapsN	Evolution			2019	116b
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CapsN	Evolution			2020	116f
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CapsN	Evolution			xxxxxx	124
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M. Alex, O. Vasilescu					Au

CapsN	Evolution			2022	125
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CapsN	Evolution			2020	141b
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CapsN	Evolution			2020	141c
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CapsN	Evolution			2020	141
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