In the Debating Club 66

Discuss a synopsis of

** contrast enhancement in neural networks
by lateral inhibition [1,2,3,4],
local operation

and

** convergence acceleration of algorithmically generated numeric sequences by lateral "filtering for "noise" elimination [5,6,7],
temporal operation.

Go to static/dynamic nonlinear lateral coupling.

References

[1] https://en.wikipedia.org/wiki/Lateral_inhibition
[2] https://de.wikipedia.org/wiki/Laterale_Hemmung
[3] http://www.medizinische-kybernetik.de/ips/
[4] Reichardt, W. Zur Theorie der Lateralen Nervösen Inhibition im *Limulus* Komplex-Auge
Progress in Brain Research **17** (1965), pp 64-73
[5] Unit 15, part 58, π/2 variations
[6] Unit 42
[7] Unit 902

Lateral

[8] https://de.wikipedia.org/wiki/Gekoppelte_Pendel
[9] https://en.wikipedia.org/wiki/Oscillation
[10] http://www.physik.uzh.ch/~truoel/personal/Skript_WS/Gek_Schwingungen.pdf

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