

Irregularity in Neural Networks

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graph TD; A[Irregularity in Neural Networks] --> B[Software]; A --> C[Hardware]; B --> D[observation: local convergence]; D --> E[Compression]; E --> F[coarse-grained pruning]; E --> G[local quantization]; C --> H[Accelerator]; H --> I[NSM]; H --> J[SSM]; H --> K[Encoder]; H --> L[WDM];
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Software

observation:
local convergence



Compression

coarse-grained
pruning

local quantization

Hardware

Accelerator

NSM

SSM

Encoder

WDM