Chaire Internationale : Design Methodologies and Tools for Adaptive Machine Learning at the Network Edge



Conclusion

This poster introduce the concept of architecture anisotropy and demonstrated in a small example that using an anisotropic model of architecture (MoA) can force the system to exploit the natural flow of data, reaching higher throughput and isolating data sources from data sinks. Like heterogeneity, anisotropy can apply to a hardware layout or an MoA. Using anisotropic MoAs creates new opportunities for studying whether hardware should be made anisotropic and to constrain mapping solutions for reaching higher throughput.