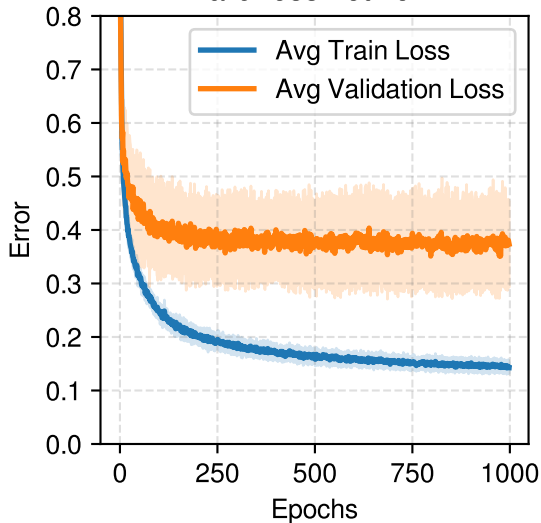


hardness network



corrosion network

