AMAT – d=2, s≈0.999900, λ≈2.75e+11, m̂≈0.0000, J_val≈6.422185e-02
RMSEtr = 0.2075, RMSEvl = 0.2534, RMSEts = 0.7224, RMSEtv = 0.2198
RMSEWtr = 0.2339, RMSEWvl = 0.2771, RMSEWts = 0.8288, RMSEWtv = 0.244