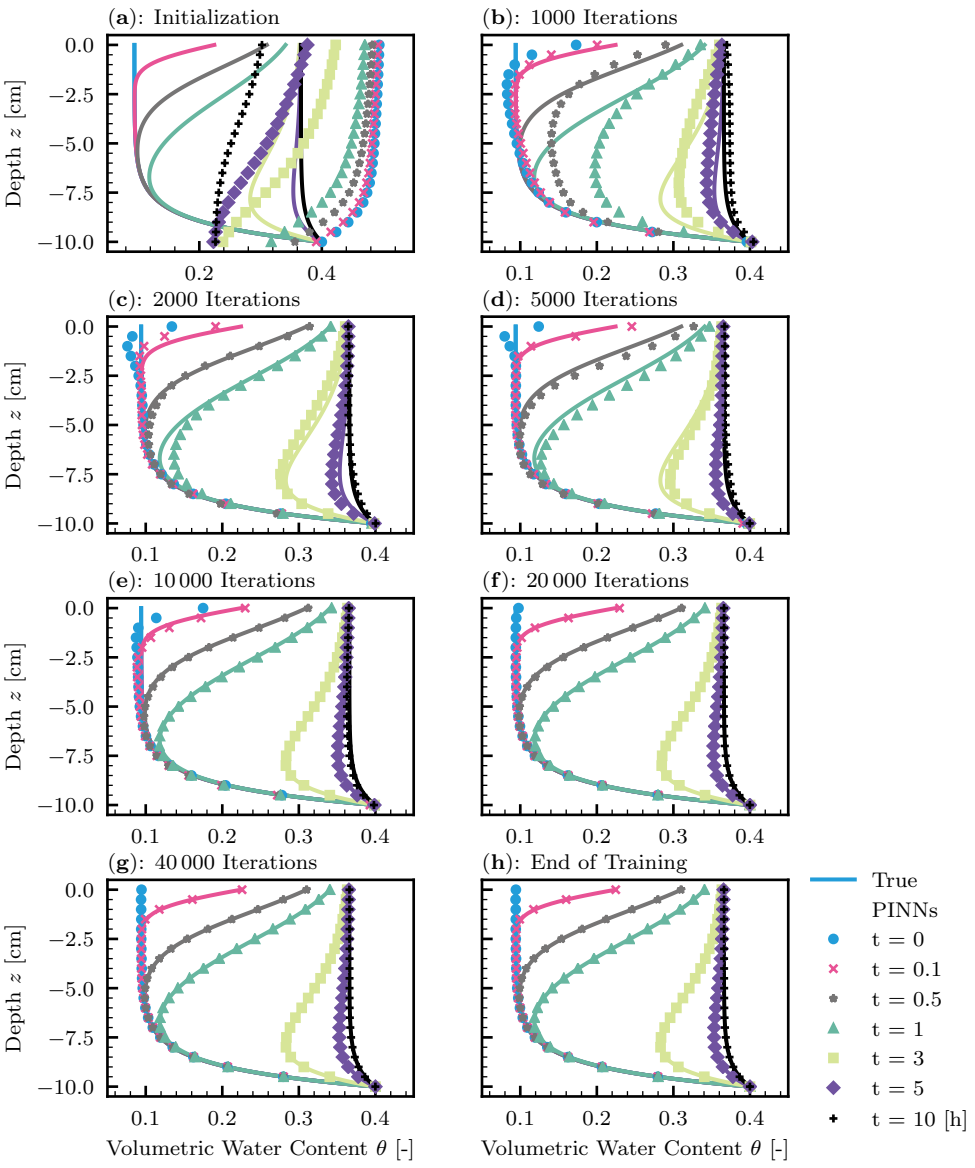
(a): Initialization
(b): 1000 Iterations
(c): 2000 Iterations
(d): 5000 Iterations
(e): 10 000 Iterations
(f): 20 000 Iterations
(g): 40 000 Iterations
(h): End of Training
Depth z [cm]
0.0
−2.5
−5.0
−7.5
−10.0
0.1
0.2
0.3
0.4
Volumetric Water Content θ [-]
True
PINNs
t = 0
t = 0.1
t = 0.5
t = 1
t = 3
t = 5
t = 10 [h]