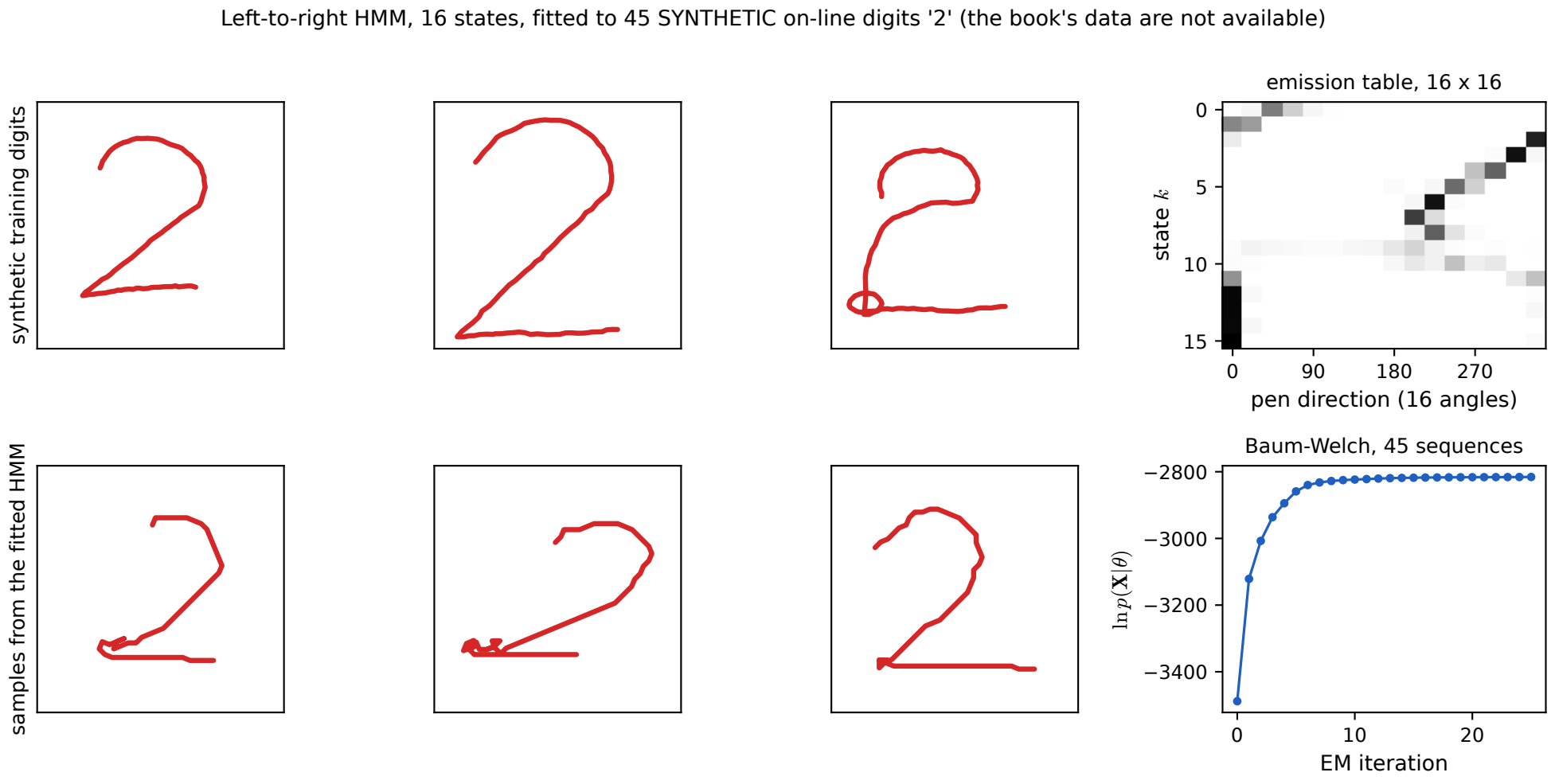

Left-to-right HMM, 16 states, fitted to 45 SYNTHETIC on-line digits '2' (the book's data are not available)
synthetic training digits
emission table, 16 x 16
state k
0
5
10
15
0
90
180
270
pen direction (16 angles)
samples from the fitted HMM
Baum-Welch, 45 sequences
$\ln p(\mathbf{X}|\theta)$
−2800
−3000
−3200
−3400
0
10
20
EM iteration