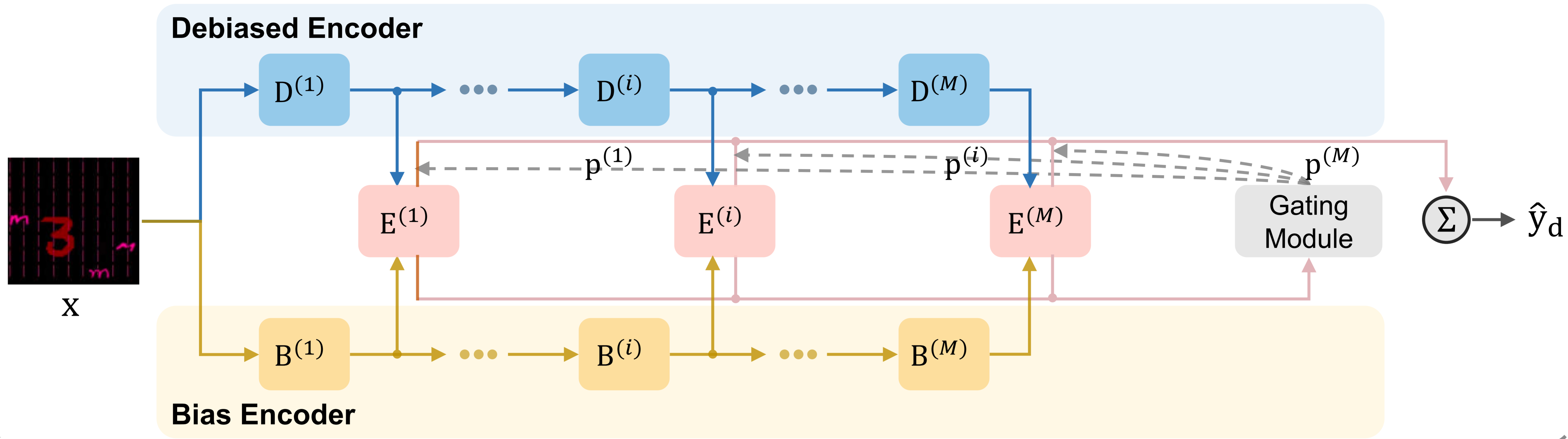
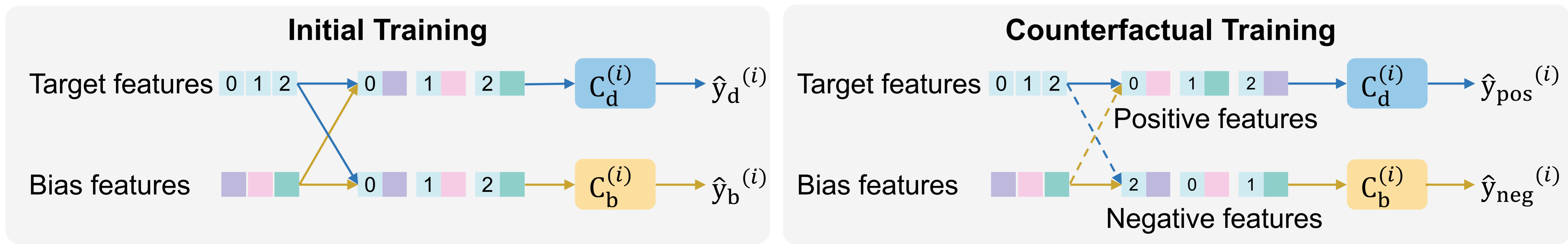


(a) Overview of PnD



(b) Biases-Specific Expert



$D^{(i)}$ Block in debiased encoder $B^{(i)}$ Block in bias encoder $E^{(i)}$ Biases-specific expert $C_d^{(i)}$ Debiased classifier $C_b^{(i)}$ Bias classifier