



Figure 11.8 (a) Construction of a composite image within the confines of the learned appearance space (left). The appearance model parameters $\mathbf{c} = (c_1, c_2, \dots, c_n)$ are decoupled into shape and texture parameters \mathbf{b}_s and \mathbf{b}_t . These in turn are used to generate the shape-free texture \mathbf{g} and shape \mathbf{x} before the final image \mathbf{I} is created. (b) The same sequence but systematic offsets which lie outside the span of the appearance space are added to the shape vector before the final image is created.