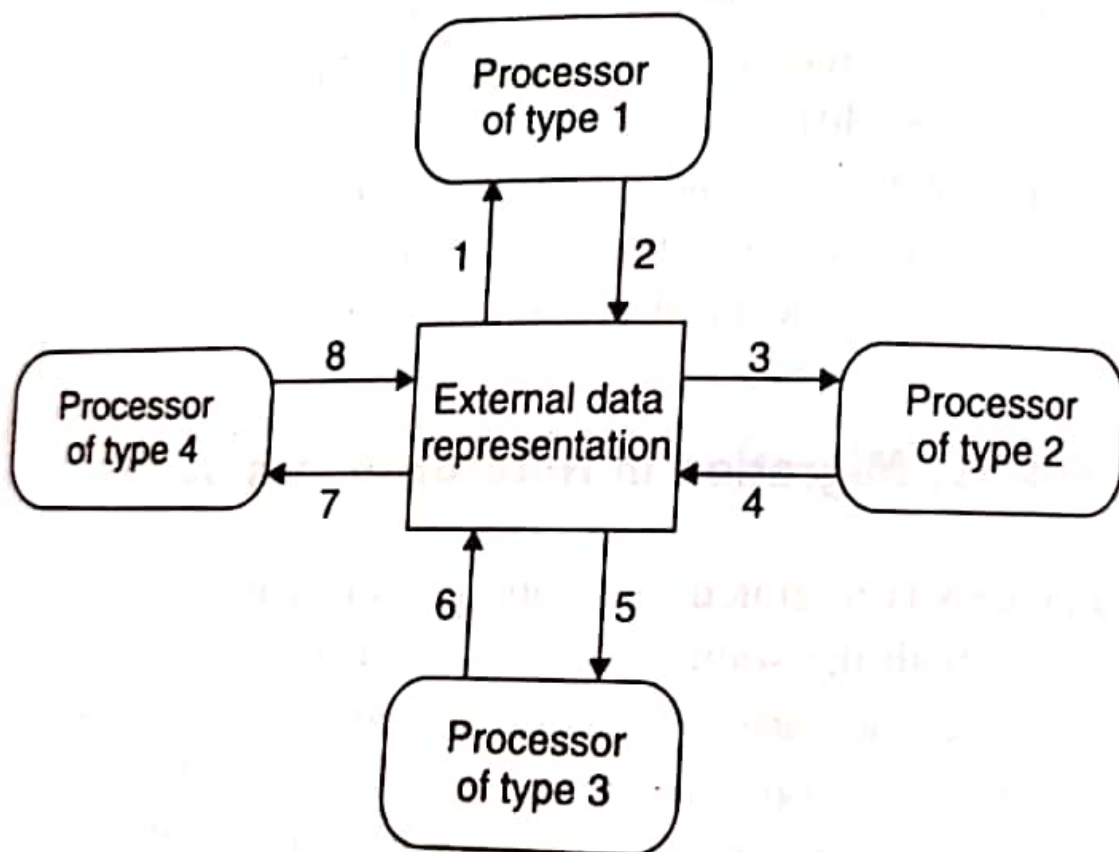(a)

(b)

Fig. 8.5 (a) Example illustrating the need for 12 pieces of translation software required in a heterogeneous system having 4 types of processors. (b) Example illustrating the need for only 8 pieces of translation software in a heterogeneous system having 4 types of processors when the external data representation mechanism is used.