**Solution** (#799) The points  $(1,0,0)^T$  and  $(0,1,0)^T$  are fixed. The point  $(0,0,1)^T$  moves parallel to the z=0 plane and so moves to  $(d_1,d_2,0)$  say. Thus the associated matrix for this shear is

$$\left(\begin{array}{ccc} 1 & 0 & d_1 \\ 0 & 1 & d_2 \\ 0 & 0 & 1 \end{array}\right).$$