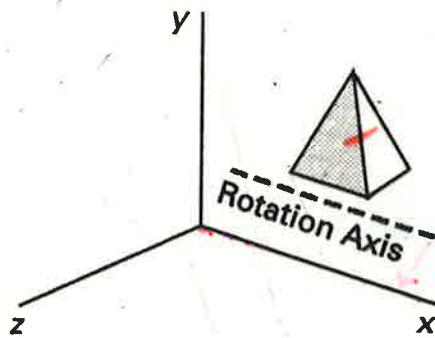
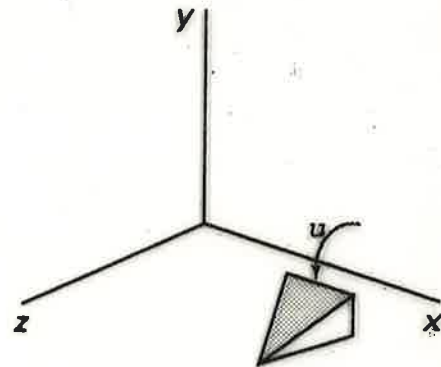


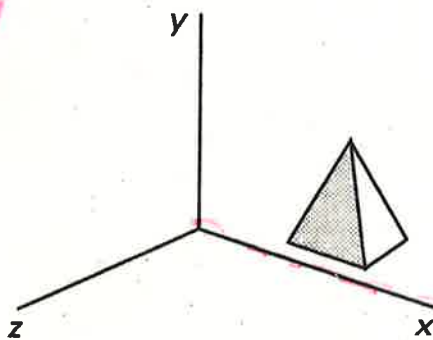
Fig. 11-8 Sequence of transformations for rotating an object about an axis that is parallel to the x axis.



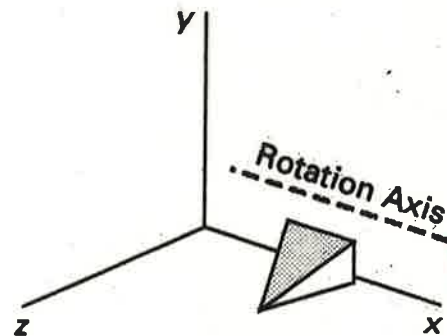
(a)
Original Position of Object



(c)
Rotate Object Through Angle u



(b)
Translate Rotation Axis onto x Axis



(d)
Translate Rotation Axis to Original Position

Figure 5-12

$T.R \neq R.T$

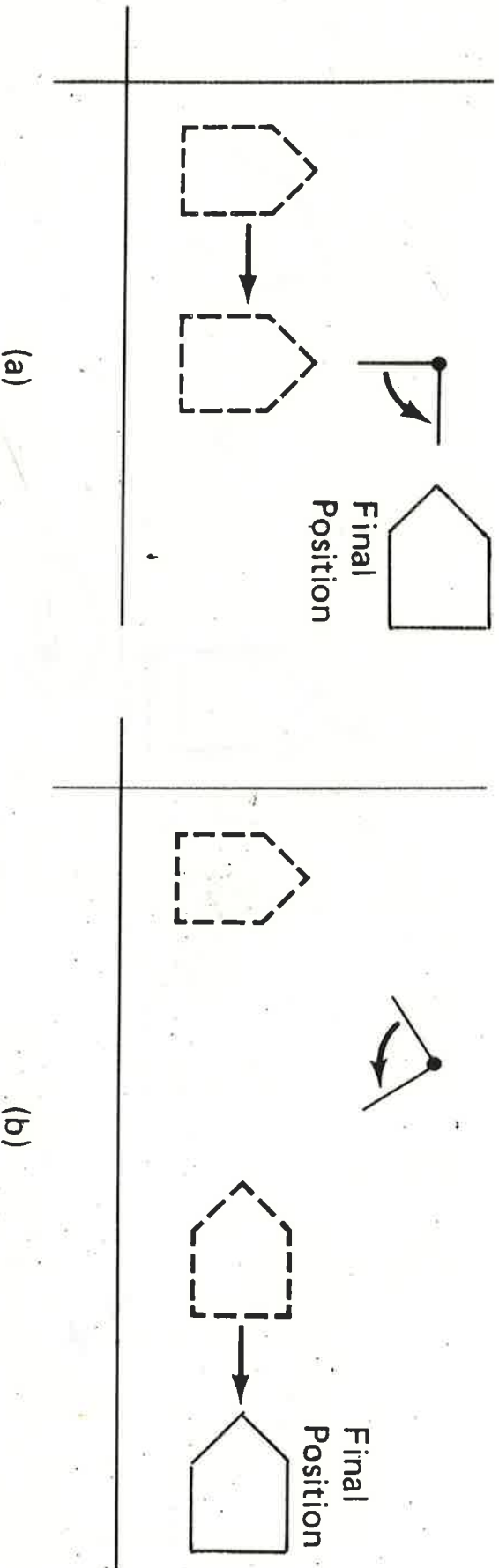
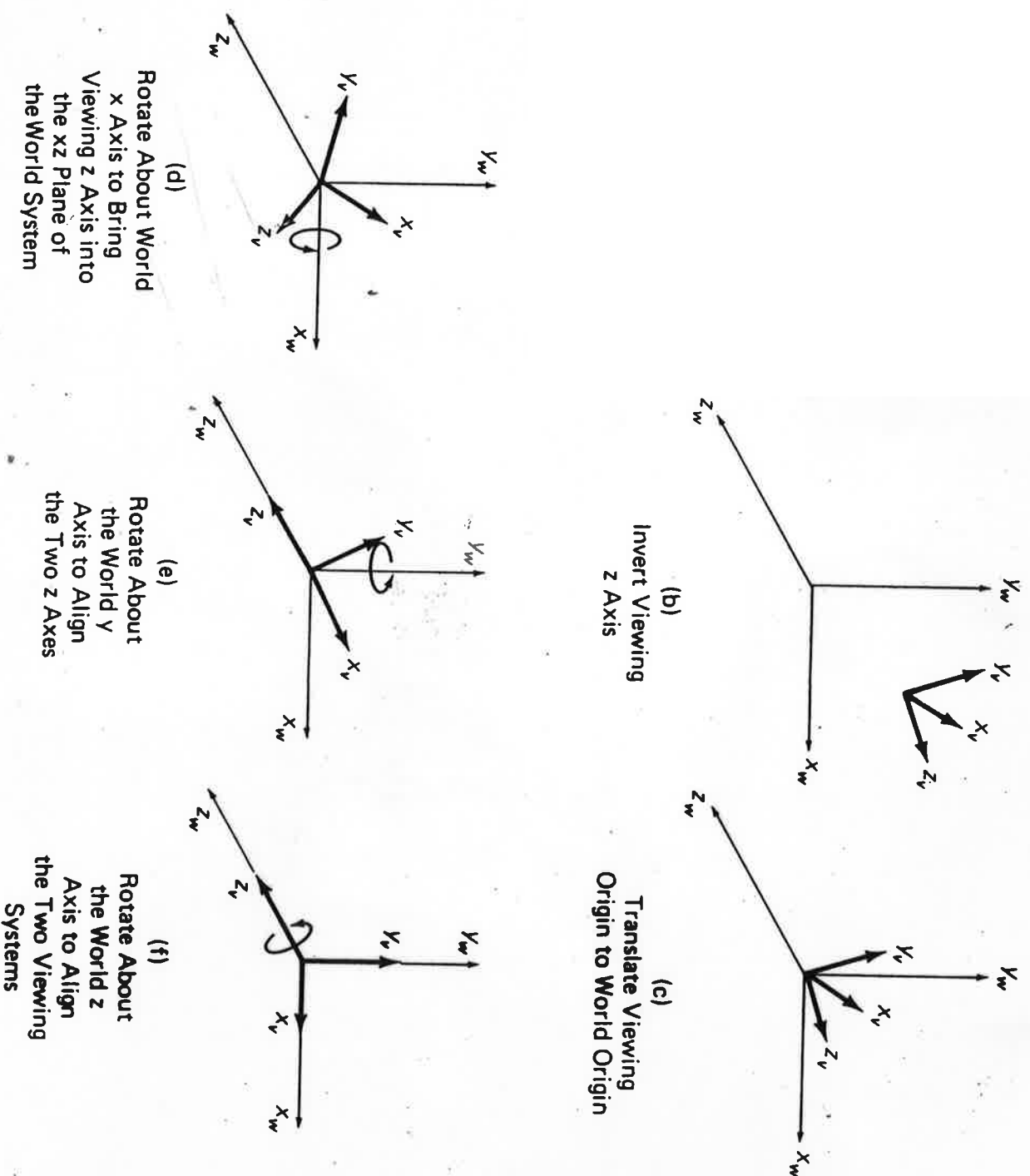


Figure 12-18



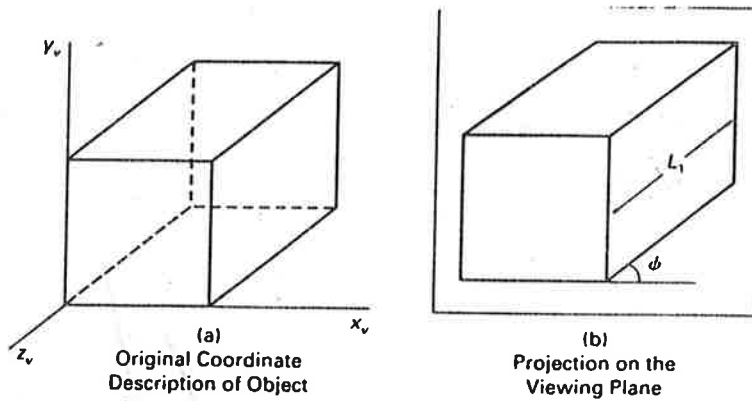


Figure 12-22
Oblique projection of a box onto the $z_v = 0$ plane.

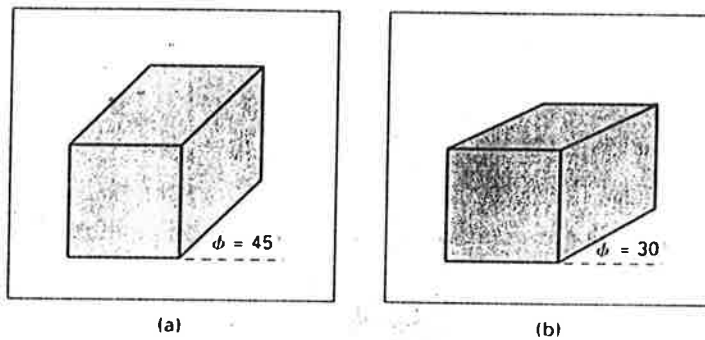


Figure 12-23
Cavalier projections of a cube onto a view plane for two values of angle ϕ .
Note: Depth of the cube is projected equal to the width and height.

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Chapter 12 Three-Dimensional Viewing

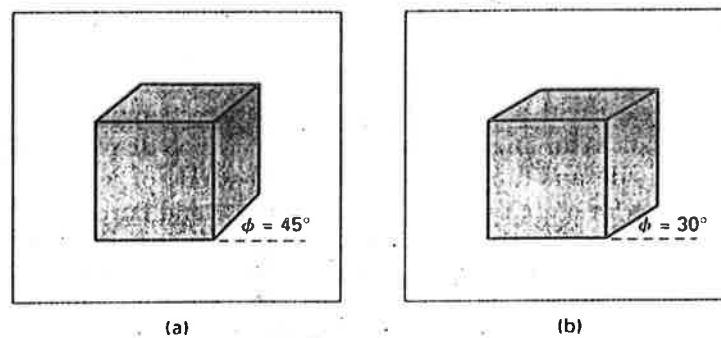


Figure 12-24
Cabinet projections of a cube onto a view plane for two values of angle ϕ . Depth is projected as one-half that of the width and height.

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Figure 12-1

