

Jack Melcher
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EECS101
Homework1 Images

Problem 1 Images

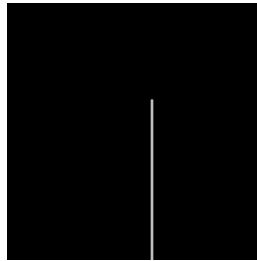


Figure 1: Orthographic Projection

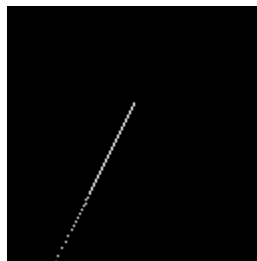


Figure 2: Perspective Projection

Problem 2 images (Orthographic)

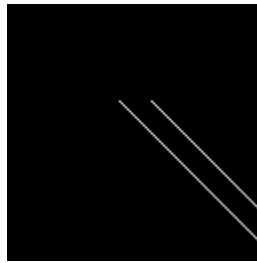


Figure 3: Orthographic Projection, $z_0 = -1$

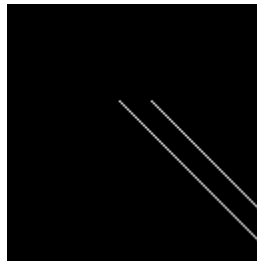


Figure 4: Orthographic Projection, $z_0 = -2$

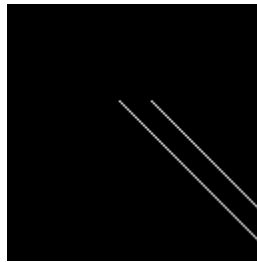


Figure 5: Orthographic Projection, $z_0 = -3$

Problem 2 images (Perspective)



Figure 6: Perspective Projection, $z_0 = -1$



Figure 7: Perspective Projection, $z_0 = -2$



Figure 8: Perspective Projection, $z_0 = -3$

Problem 3 images (Orthographic)

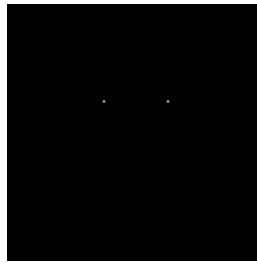


Figure 9: Orthographic Projection, $b = 0$, $c = 1$

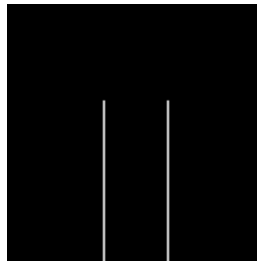


Figure 10: Orthographic Projection, $b = 1$, $c = 1$

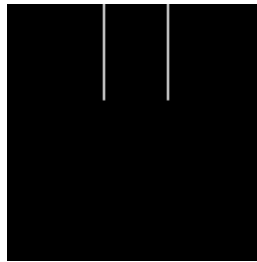


Figure 11: Orthographic Projection, $b = -1$, $c = 1$

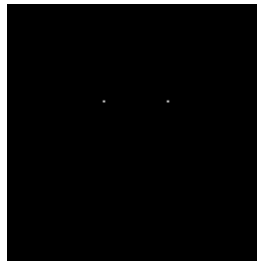


Figure 12: Orthographic Projection, $b = 0$, $c = -1$

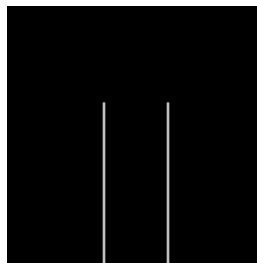


Figure 13: Orthographic Projection, $b = 1$, $c = -1$

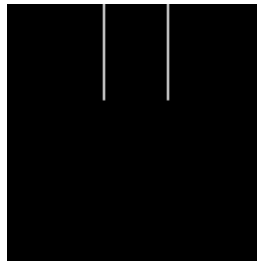


Figure 14: Orthographic Projection, $b = -1$, $c = -1$

Problem 3 images (Perspective)



Figure 15: Perspective Projection, $b = 0$, $c = 1$

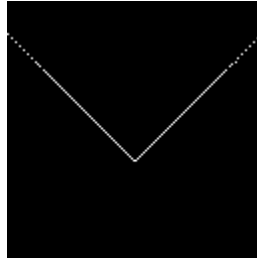


Figure 16: Perspective Projection, $b = 1$, $c = 1$

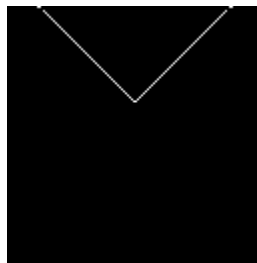


Figure 17: Perspective Projection, $b = -1$, $c = 1$

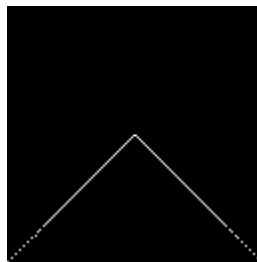


Figure 18: Perspective Projection, $b = 0$, $c = -1$

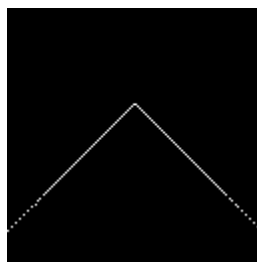


Figure 19: Perspective Projection, $b = 1$, $c = -1$

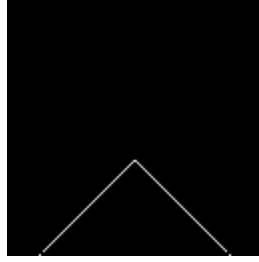


Figure 20: Perspective Projection, $b = -1$, $c = -1$