Assignment 7

In our last lesson, we discussed the following problems:

- (b) Using the given model, determine the displacement in the x-direction at the point where the force is applied.

- (c) Using the given model, determine the force required to produce a specific displacement in the x-direction at the point where the force is applied.

- (d) Using the given model, determine the force required to produce a specific displacement in the y-direction at the point where the force is applied.

- (e) Using the given model, determine the force required to produce a specific displacement in the z-direction at the point where the force is applied.

- (f) Using the given model, determine the force required to produce a specific displacement in the x-direction at a different point than the one where the force is applied.

- (g) Using the given model, determine the force required to produce a specific displacement in the y-direction at a different point than the one where the force is applied.

- (h) Using the given model, determine the force required to produce a specific displacement in the z-direction at a different point than the one where the force is applied.

- (i) Using the given model, determine the force required to produce a specific displacement in the x-direction at the point where the force is applied.

- (j) Using the given model, determine the force required to produce a specific displacement in the y-direction at the point where the force is applied.

- (k) Using the given model, determine the force required to produce a specific displacement in the z-direction at the point where the force is applied.

- (l) Using the given model, determine the force required to produce a specific displacement in the x-direction at a different point than the one where the force is applied.

- (m) Using the given model, determine the force required to produce a specific displacement in the y-direction at a different point than the one where the force is applied.

- (n) Using the given model, determine the force required to produce a specific displacement in the z-direction at a different point than the one where the force is applied.

- (o) Using the given model, determine the force required to produce a specific displacement in the x-direction at the point where the force is applied.

- (p) Using the given model, determine the force required to produce a specific displacement in the y-direction at the point where the force is applied.

- (q) Using the given model, determine the force required to produce a specific displacement in the z-direction at the point where the force is applied.

- (r) Using the given model, determine the force required to produce a specific displacement in the x-direction at a different point than the one where the force is applied.

- (s) Using the given model, determine the force required to produce a specific displacement in the y-direction at a different point than the one where the force is applied.

- (t) Using the given model, determine the force required to produce a specific displacement in the z-direction at a different point than the one where the force is applied.

- (u) Using the given model, determine the force required to produce a specific displacement in the x-direction at the point where the force is applied.

- (v) Using the given model, determine the force required to produce a specific displacement in the y-direction at the point where the force is applied.

- (w) Using the given model, determine the force required to produce a specific displacement in the z-direction at the point where the force is applied.

- (x) Using the given model, determine the force required to produce a specific displacement in the x-direction at a different point than the one where the force is applied.

- (y) Using the given model, determine the force required to produce a specific displacement in the y-direction at a different point than the one where the force is applied.

- (z) Using the given model, determine the force required to produce a specific displacement in the z-direction at a different point than the one where the force is applied.

- (aa) Using the given model, determine the force required to produce a specific displacement in the x-direction at the point where the force is applied.

- (bb) Using the given model, determine the force required to produce a specific displacement in the y-direction at the point where the force is applied.

- (cc) Using the given model, determine the force required to produce a specific displacement in the z-direction at the point where the force is applied.

- (dd) Using the given model, determine the force required to produce a specific displacement in the x-direction at a different point than the one where the force is applied.

- (ee) Using the given model, determine the force required to produce a specific displacement in the y-direction at a different point than the one where the force is applied.

- (ff) Using the given model, determine the force required to produce a specific displacement in the z-direction at a different point than the one where the force is applied.

- (gg) Using the given model, determine the force required to produce a specific displacement in the x-direction at the point where the force is applied.

- (hh) Using the given model, determine the force required to produce a specific displacement in the y-direction at the point where the force is applied.

- (ii) Using the given model, determine the force required to produce a specific displacement in the z-direction at the point where the force is applied.

- (jj) Using the given model, determine the force required to produce a specific displacement in the x-direction at a different point than the one where the force is applied.

- (kk) Using the given model, determine the force required to produce a specific displacement in the y-direction at a different point than the one where the force is applied.

- (ll) Using the given model, determine the force required to produce a specific displacement in the z-direction at a different point than the one where the force is applied.

- (mm) Using the given model, determine the force required to produce a specific displacement in the x-direction at the point where the force is applied.

- (nn) Using the given model, determine the force required to produce a specific displacement in the y-direction at the point where the force is applied.

- (oo) Using the given model, determine the force required to produce a specific displacement in the z-direction at the point where the force is applied.