**Homework Plates**

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Q1

1. What kind of strategy are you going to use (theory, elements, boundary conditions, integration rule) will you use to solve the following problem?

Theory of Riesner Midlin will be used.

The boundary conditions that will use will be: Symmetry axis (of geometry and loading): θn = 0, where n is the orthogonal direction to the symmetry axis.

Mesh elements to be used: 12x12 rectangular for thin plates

1. Theory of Kirckoff will be used

Fixed boundary: w = ¯w , θn = ¯θn and θs = ¯θs

Mesh elements: 12x12 rectangular for thin plates