

**Question 1 (40 points)**

Expand HW 4 problem's question on using the precision point synthesis by solving it using topology optimization and instant centre method. Compare your answers and comment on the solutions you obtained.

**What to submit:**

- a. All details as a report (a paper copy)
- b. Input files for Matlab beam code (by email)
- c. COMSOL file (by email)
- d. The prototype you made, if any, for extra points