ME 205 – STATICS – FALL 2014 SECTION 04

HOMEWORK #6

Prepared by: Mümin Özsipahi Date: 17.12.2014

Room: C-206 **Phone:** 210 7232 **Due:** 24.12.2014 until 16:00

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Problem

The uniform rod of length l and mass m is placed against the supporting surfaces shown. If the coefficient of static friction is $\mu_s = 0.25$ at both A and B, determine the maximum angle θ at which the rod can be placed before it begins to slip.

