

ME 205 – STATICS – FALL 2014
SECTION 04

HOMEWORK #5

Prepared by: Mumin Özsipahi
Room: C-206 Phone: 210 7232
E-mail: ozsipahi@metu.edu.tr

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Room: C-206

Problem

In the Figure below, an engineering drawing of a four-bar mechanism is shown. This mechanism is widely used in various machines. There are pin connections at points A , B , C and D . A horizontal force (F_E) is acting at point E . Find the moment applied on link AB (M_A) if the given mechanism is in static equilibrium. Neglect the weights of the links.

