Example Problem - Le 08

16.20 The thin plate ABCD weighs 16 lb and is held in position by the three inextensible wires AE, BF, and CH. Wire AE is then cut. Determine:
   (a) the acceleration of the plate,
   (b) the tension in wires BF and CH immediately after wire AE has been cut.

(taken from Vector Mechanics for Engineers, 5th Edition by Beer & Johnston)