Linear Systems TTK4115 - Helicopter lab

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October 2016

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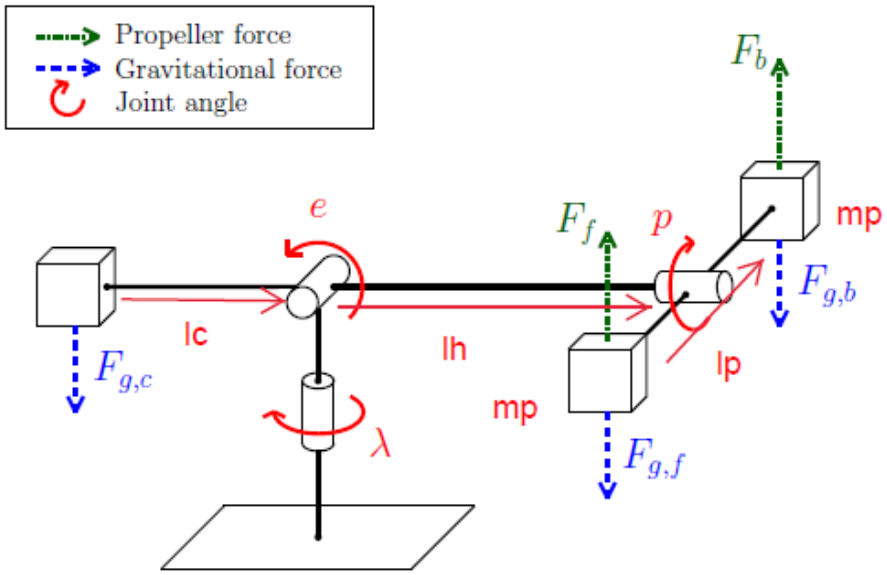
Contents

1 Part 1 - Mathematical modeling

1.1 Problem 1

section 1.1shows the helicopter model from which the The equations of motion

Figure 1: the helicopter model with distances drawn in (Figure 7 of the lab description)



around the :

$$J_e\ddot{e} = (l_p m_p g) \tag{1}$$

1.2 Problem 2

1.3 Problem 3

1.4 Problem 4

2 Part 2

2.1 Problem 1

2.2 Problem 2