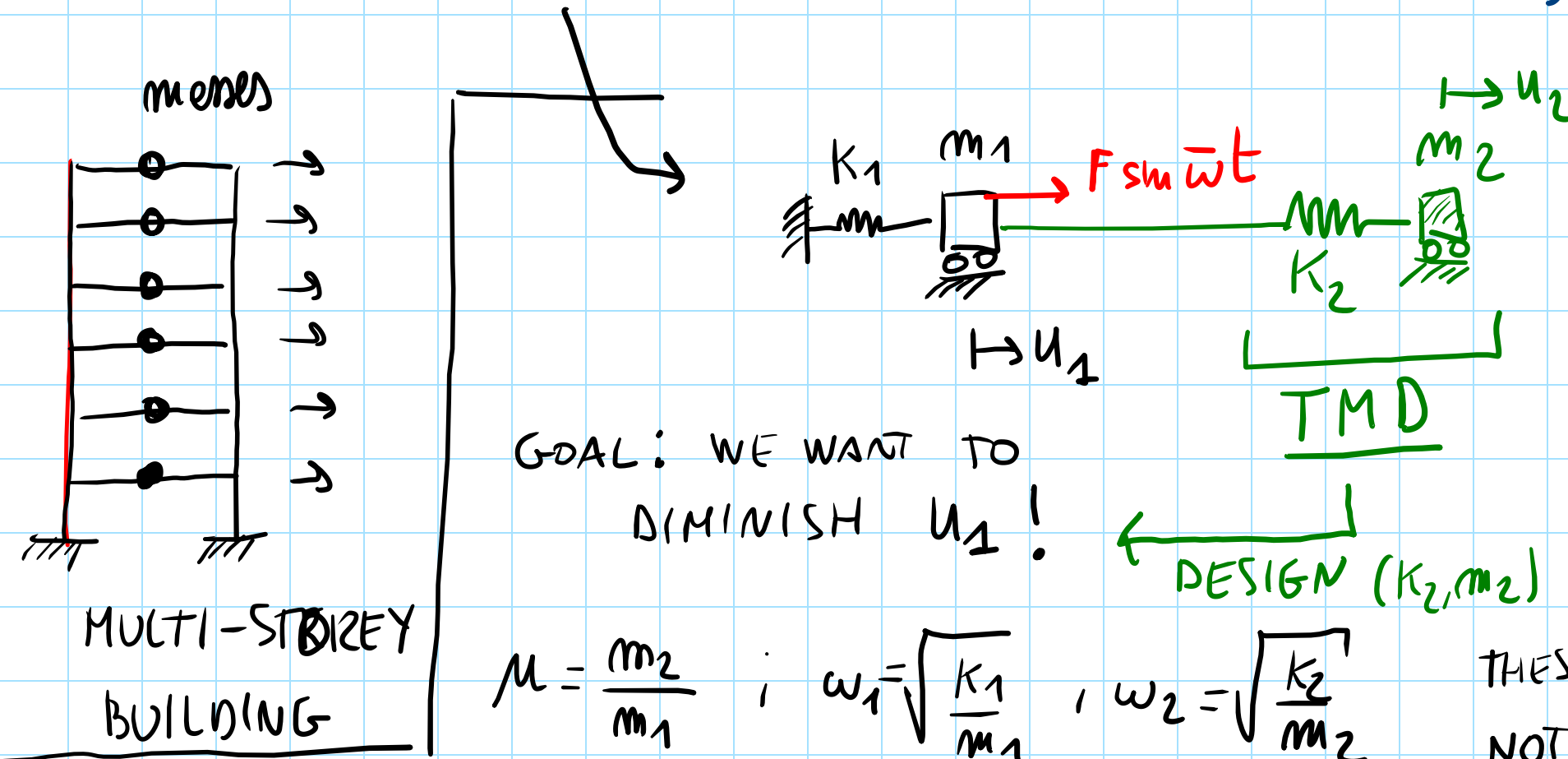


— EXAMPLES OF MODAL ANALYSIS (FROM BOOKS : CHOPRA ROMASCO)

6/3/2025

— INTRODUCTION OF TUNED-MASS DAMPERS (TMD)



$$\mu = \frac{m_2}{m_1} ; \omega_1 = \sqrt{\frac{K_1}{m_1}} , \omega_2 = \sqrt{\frac{K_2}{m_2}}$$

THESE  $\omega_i$  ARE NOT THE NATURAL FREQUENCY OF THE SYSTEM!