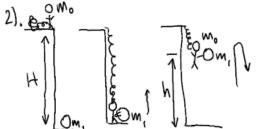
and the second second



A BUNGEE JUMPER JUMPS OFF A CLIFF OF
HEIGHT H AND JUST REACHES THE
BOTTOM OF THE CLIFF WITH A ZERO
VELOCITY. JUST BEFORE HER CABLE
SNAPS HER BACK UPWARD, WHILE SHE IS
MOTIONLESS, SHE GRABS A ROCK OF MASS MI

YOU OBSERVE THAT THE JUMPER ACHIEVES THE HEIGHT IN ONTHE WAY BACK UP. WHAT IS MI)? IN EVALUATE CONSIDER THE CASES H=H, AND H=D.