

Chapter 4 Brake Principles and Friction Materials

T R K S T A T I C F R I C T I O N W L
L H K I N E T I C F R I C T I O N R C
W T M C K C C C X V L Z F C P B X R Z
E V F H K C T T K P Q T R U G Q J C L
I L D L T B X R Z G B M L T L Y D N K
G W G R T B O V Q R M R T E G C O J F
H B E K Q W V W L G T N X R V I R M T
T C J I F R I C T I O N E J T E F U J
T T W H G Z N B Z R T N Y A L J R R M
R N X W T H R N Y K E L R D C R J S L
A W I Q K N T G J C M L B Y W N Z R E
N J N Z J T R B I K A T C W Y T M Q V
S L E Y J E C T I D B P G Q M Y F L E
F D R N N Z E G E A R L C V R V Z X R
E K T E K N D P V G S W M K R N J K A
R M I N I Y M Z N D L F K H N V M T G
X N A K Z C T M D T W Y N K J G Q P E
M E C H A N I C A L A D V A N T A G E
P V W V J T R L C X L D W G W C M N R

<http://jameshalderman.com>

Energy	Levers
Friction	Mechanical advantage
Fulcrum	Pedal ratio
Inertia	Static friction
Kinetic energy	Weight bias
Kinetic friction	Weight transfer
Leverage	Work