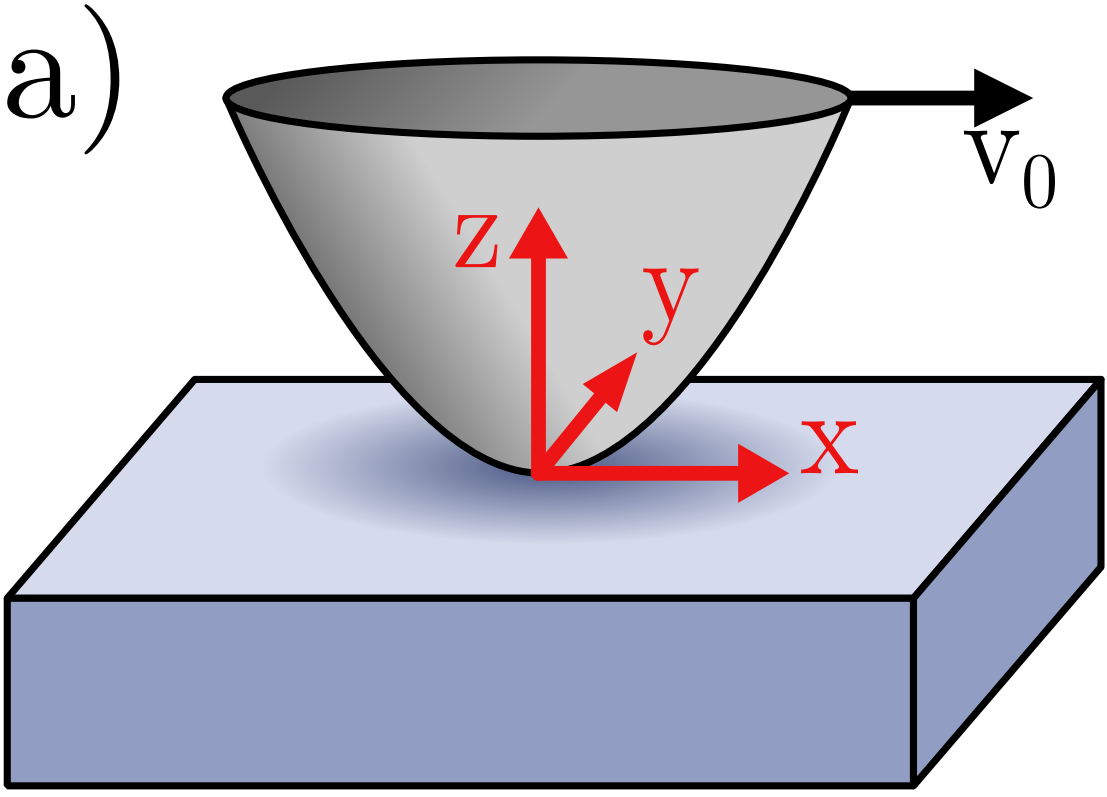
a)
v_0
z
y
x