

Figure 3.1 Volume of air with unit cross-section and height  $l$  containing  $n$  carriers per unit volume moving with random velocity  $v$

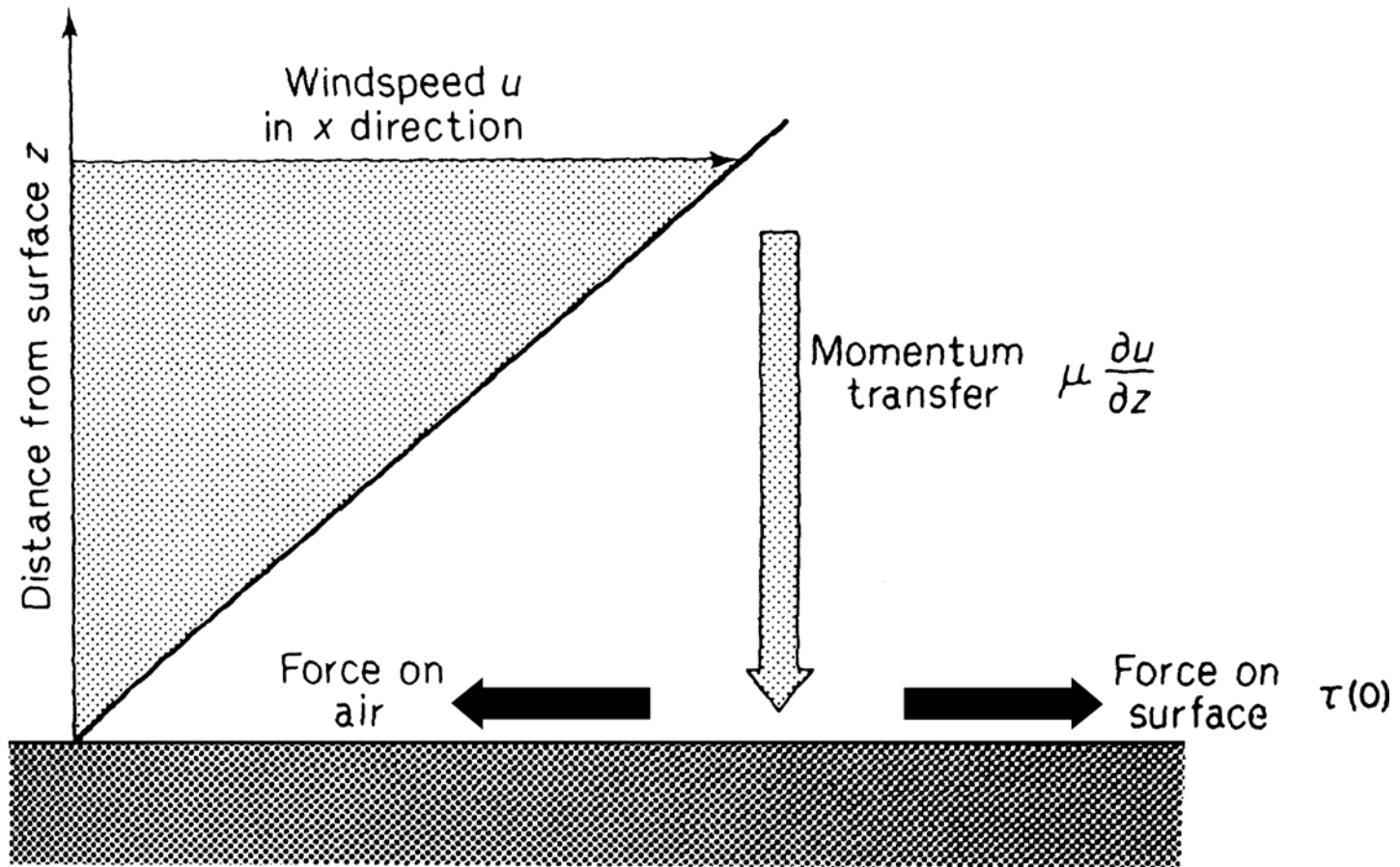


Figure 3.2 Transfer of momentum from moving air (moving left to right) to a stationary surface, showing related forces.

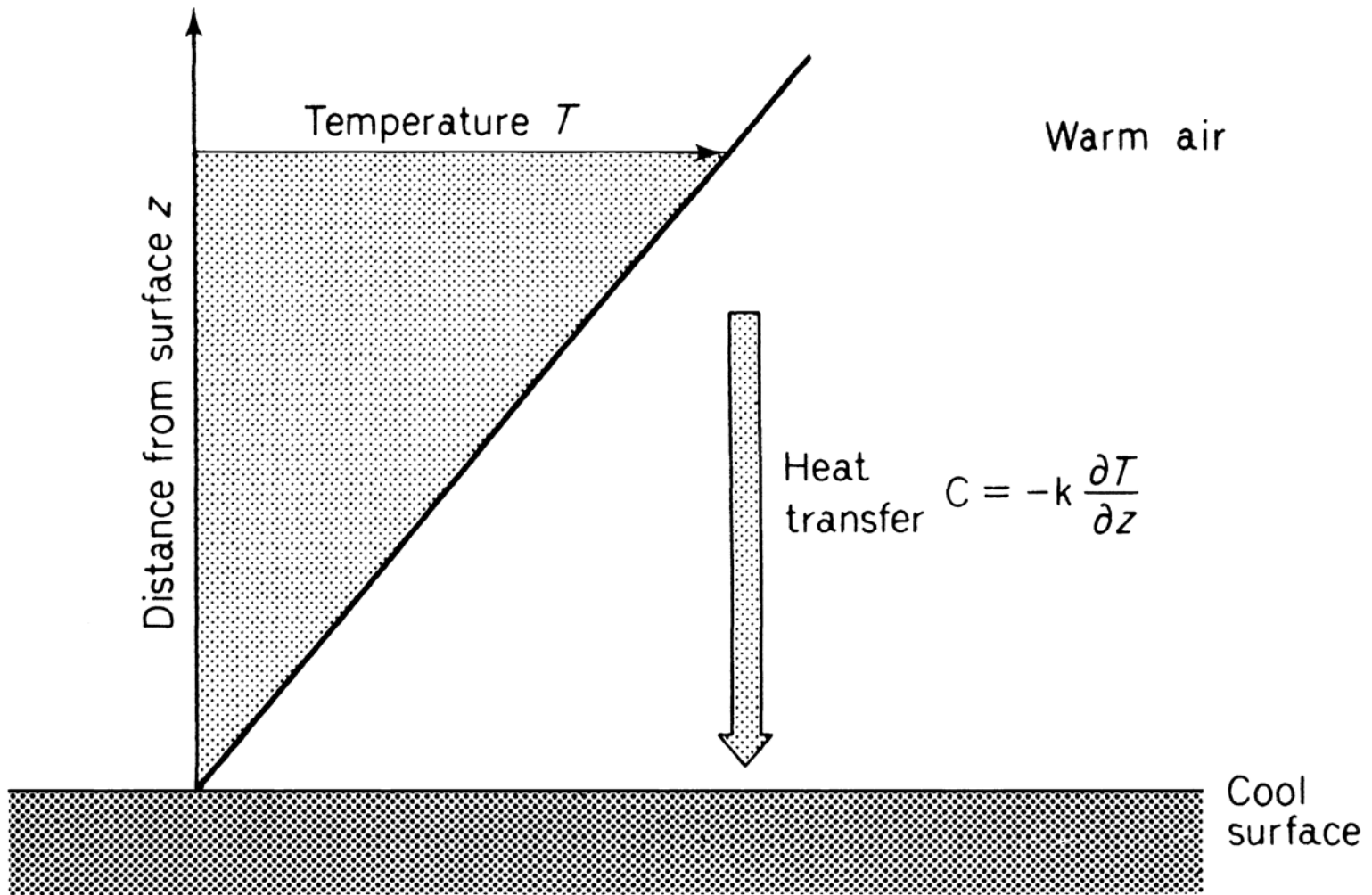


Figure 3.3 Transfer of heat from still, warm air to a cool surface.

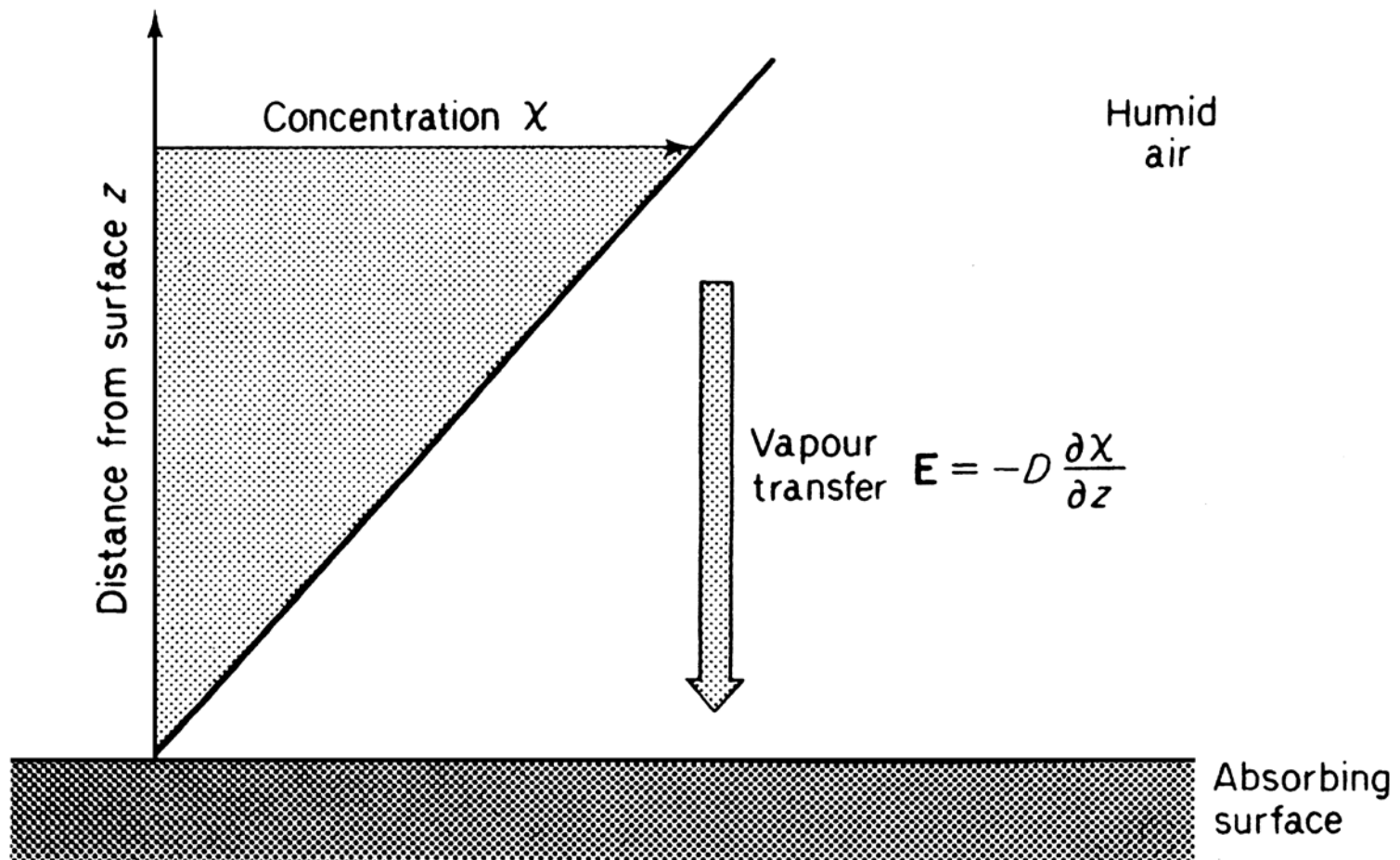


Figure 3.4 Transfer of vapor from humid air to an absorbing surface.