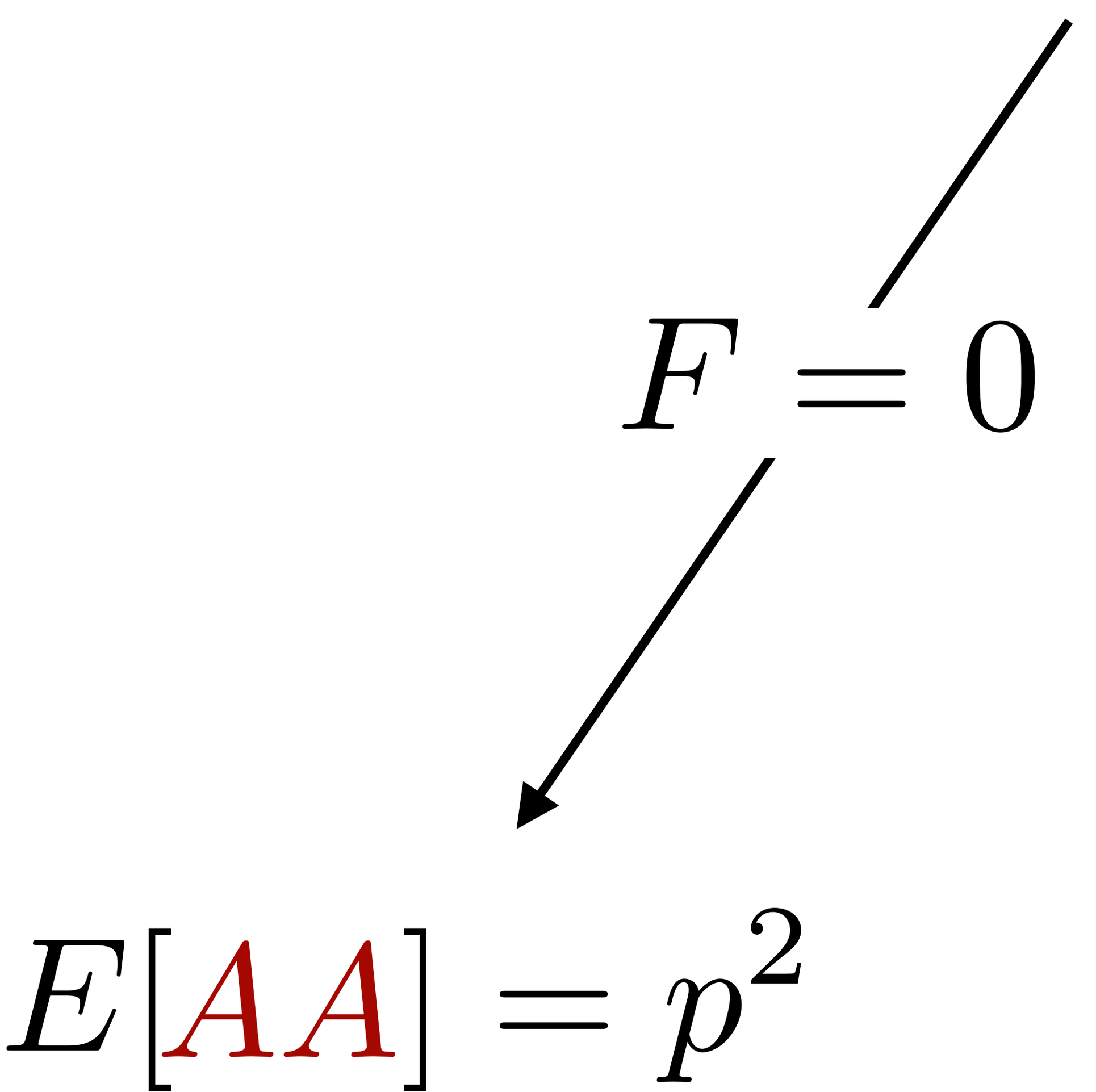
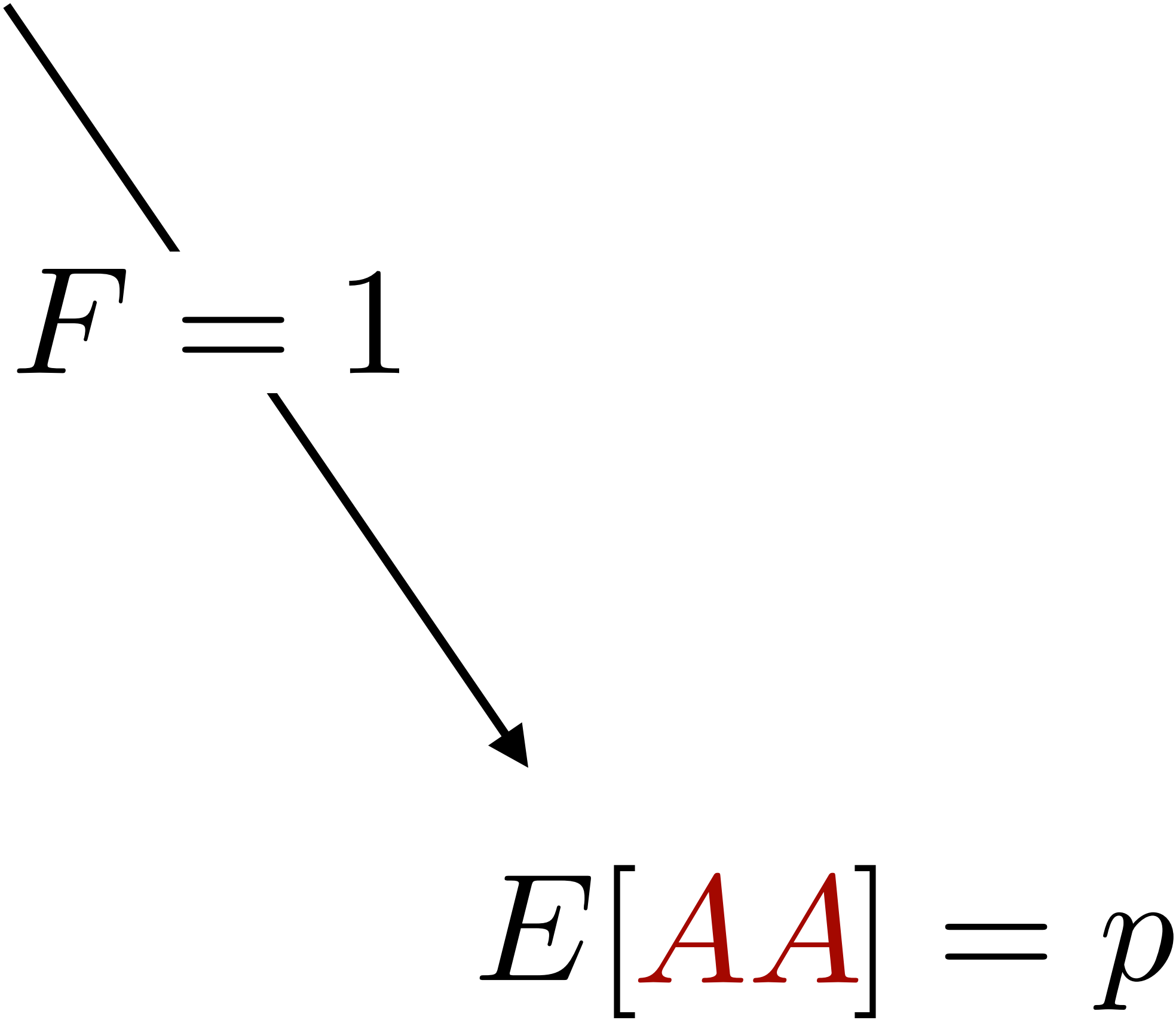
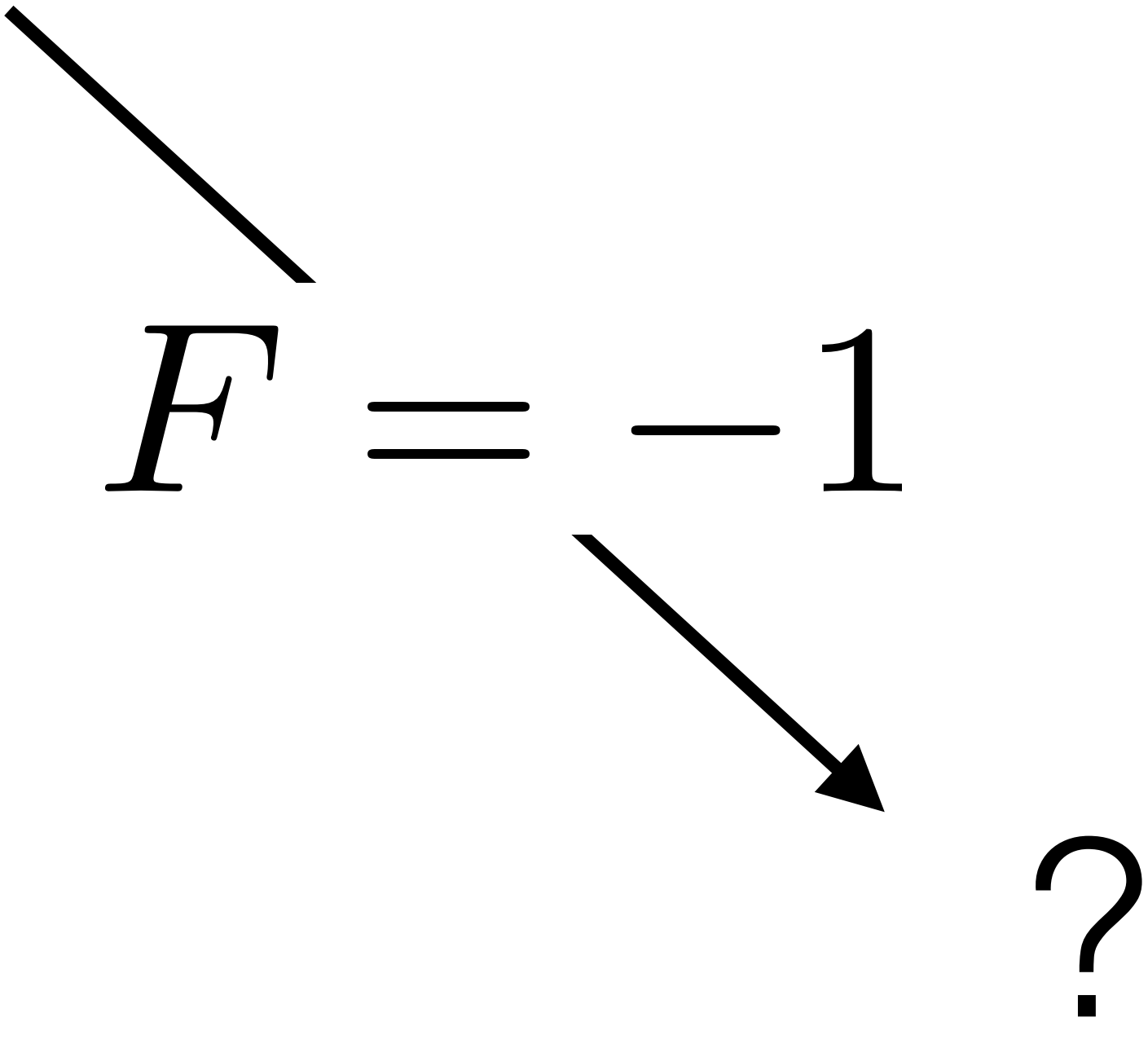
Expected Genotype Frequency

31

$$E\left[\quad\right] = p^2(1-F) + pF$$

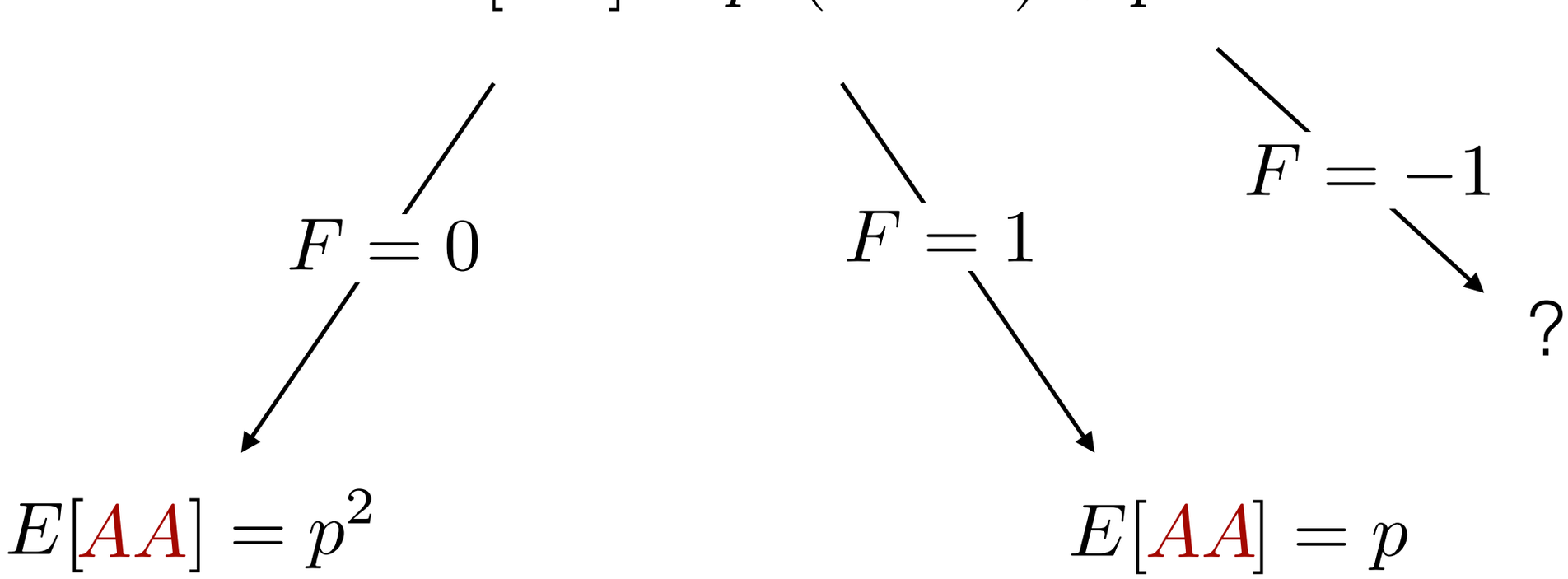

$F = 0$
$E[AA] = p^2$


$F = 1$
$E[AA] = p$


$F = -1$
?

Expected Genotype Frequency

$$E\left[AA\right] = p^2(1-F) + pF$$



Estimation of F

$$F = \frac{H_E - H_O}{H_E}$$

$$= 1 - \frac{H_O}{H_E}$$