

Holiday Bonus Problem

(5 Points)

Simplify the following:

$$\{[(X + A)(X - A)M + A^2M]E\} \left\{ \left[\frac{\frac{R + X}{X} + \frac{X}{R - X}}{\frac{X}{R - X}} \right] - \left[\frac{4AS}{3X[(E + Y)^2 - (E - Y)^2]} + \frac{4AS}{3E[(Y + X)^2 - (Y - X)^2]} + \frac{4AS}{3Y[(X + E)^2 - (X - E)^2]} \right] \right\} Y$$