Fin 532

$$\frac{Problen \quad Set 1}{1}$$
() $F_{x} = \{ \mathscr{B}_{j} \ f w : \frac{1}{2} i_{x}^{h} ; \{ w_{i}, w_{j}, \frac{1}{2} i_{j} := 1, i \neq j \}$

$$\{ w_{i}, w_{2}, w_{2} \}, \{ w_{i}, w_{3}, w_{4} \}, \{ w_{i}, w_{2}, w_{3}, \frac{1}{2} i_{j} \}, \{ w_{i}, w_{2}, \frac{1}{2} i_{j} \}, \{ w_{i}, w_{2} \}, \{ w_{i}, w_{3}, \frac{1}{2} i_{j} \}$$

$$F_{ij} = \{ \mathscr{B}, \{ w_{i}, w_{2} \}, \{ w_{i}, w_{4} \}, \underline{a} \}$$
(3) $A = \frac{987 + 17}{930} - 1 = 2.45\%$
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c) Price: <u>135 as</u>: \$114 407.8 1.18

b)
$$\vee (\Gamma_{1}) = 0.5 \times (2.5 - 1.25)^{2} + 0.5 \times (0 - 1.25)^{2}$$

$$= 1.25^{2}$$
 $\nabla_{1} = \sqrt{1.25^{2}} = 125\%$
 $\vee (\Gamma_{2}) = 0.5 \times (0 - 1)^{2} + 0.5 \times (2 - 1)^{2} = 1$
 $\nabla_{2} = \sqrt{1} = 125\%$
c) $\nabla_{12} = 0.5 \times 1.25 \times (-1) + 0.5 \times (-1.25) \times 1$
 $= -1.25$
 $\int_{12} = -\frac{1.25}{1.25 \times 1} = -1$