$V5 := 938.133$

$y_{1.5} := .85$ $y_{2.5} := .113$ $y_{3.5} := .03$ $y_{4.5} := .007$

$Stream6A := 930$ $Stream6B := 8.133$

$y_{1.6} := .1$ $y_{2.6} := .2$ $y_{3.6} := .3$ $y_{4.6} := .4$

$x_{1.6} := .1$ $x_{2.6} := .2$ $x_{3.6} := .3$ $x_{4.6} := .4$

Given

$V5 = 938.133$

$y_{1.5} = .85$ $y_{2.5} = .113$ $y_{3.5} = .03$ $y_{4.5} = .007$

$\dfrac{y_{1.6}}{x_{1.6}} = 3.95$ $\dfrac{y_{2.6}}{x_{2.6}} = .66$ $\dfrac{y_{3.6}}{x_{3.6}} = .155$ $\dfrac{y_{4.6}}{x_{4.6}} = .039$

$Stream6A + Stream6B = V5$ $y_{1.6} \cdot Stream6A + x_{1.6} \cdot Stream6B = y_{1.5} \cdot V5$

$y_{2.6} \cdot Stream6A + x_{2.6} \cdot Stream6B = y_{2.5} \cdot V5$ $y_{3.6} \cdot Stream6A + x_{3.6} \cdot Stream6B = y_{3.5} \cdot V5$

$y_{4.6} \cdot Stream6A + x_{4.6} \cdot Stream6B = y_{4.5} \cdot V5$ $y_{1.6} + y_{2.6} + y_{3.6} + y_{4.6} = 1$

$x_{1.6} + x_{2.6} + x_{3.6} + x_{4.6} = 1$

$Res := Find\left(Stream6A, Stream6B, y_{1.6}, y_{2.6}, y_{3.6}, y_{4.6}, x_{1.6}, x_{2.6}, x_{3.6}, x_{4.6}\right) =$

	0
0	958.905
1	-20.772
2	0.836
3	0.114
4	0.034
5	0.015
6	0.212
7	0.173
8	0.22
9	0.395

$Res =$

	0
0	958.905
1	-20.772
2	0.836
3	0.114
4	0.034
5	0.015
6	0.212
7	0.173
8	0.22
9	0.395