

AU7 := READPRN(AU7HAMMO)
 AU7TRIM := READPRN(AU7HAM32)

$$\text{LevelShift} := \frac{1.58}{4.99 + 1.58}$$

LevelShift = 0.24

N := last(AU7<0>)

N = 1.134 · 10³

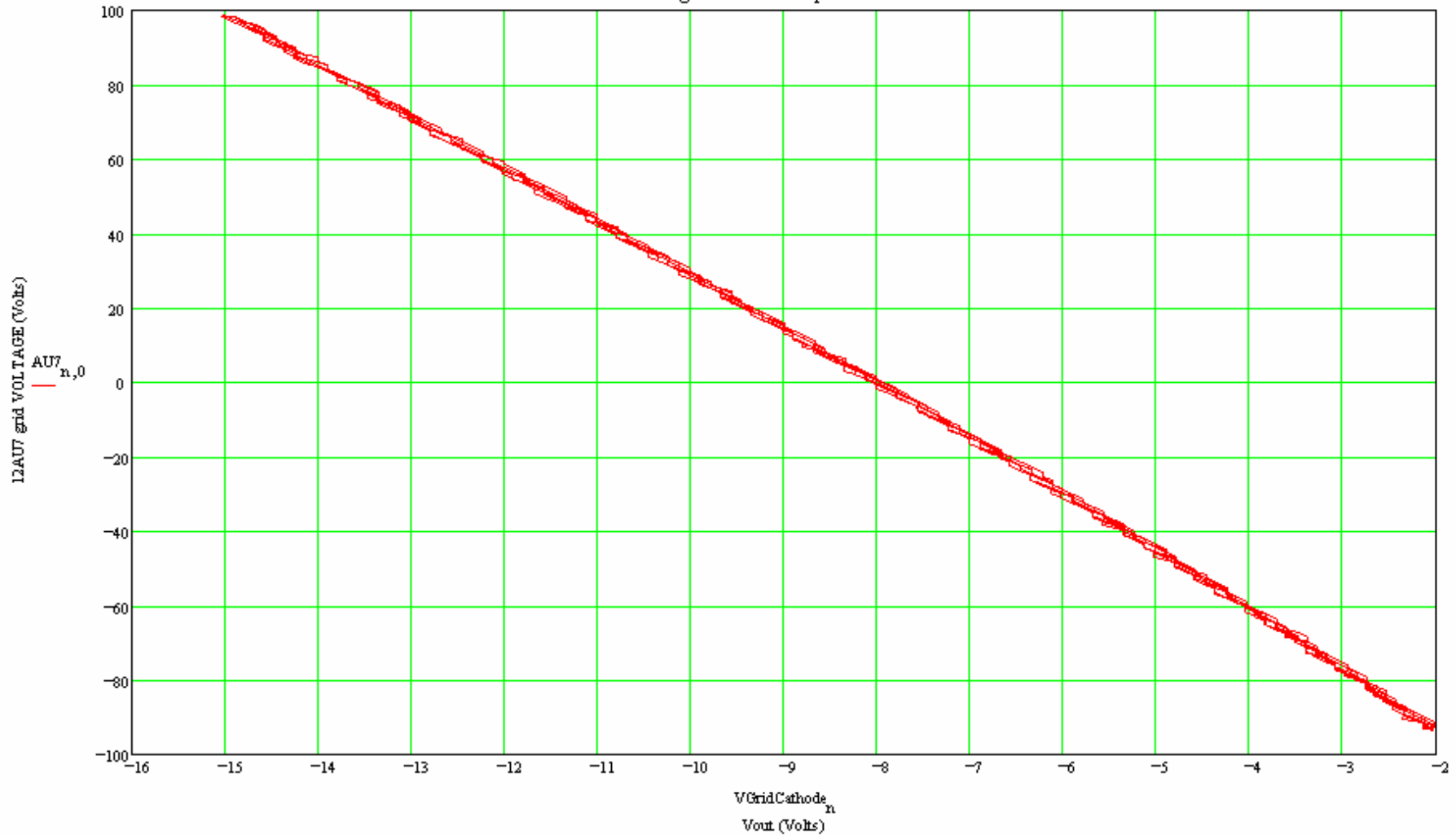
n := 0..N

$$\text{VGridCathode}_n := \text{AU7}_{n,1} \cdot \text{LevelShift} - \text{AU7}_{n,3}$$

$$\text{gridref} := 158 + 8$$

$$\text{VGridCathode} := \text{VGridCathode} - \text{gridref}$$

12AU7 grid-cathode to plate to cathode



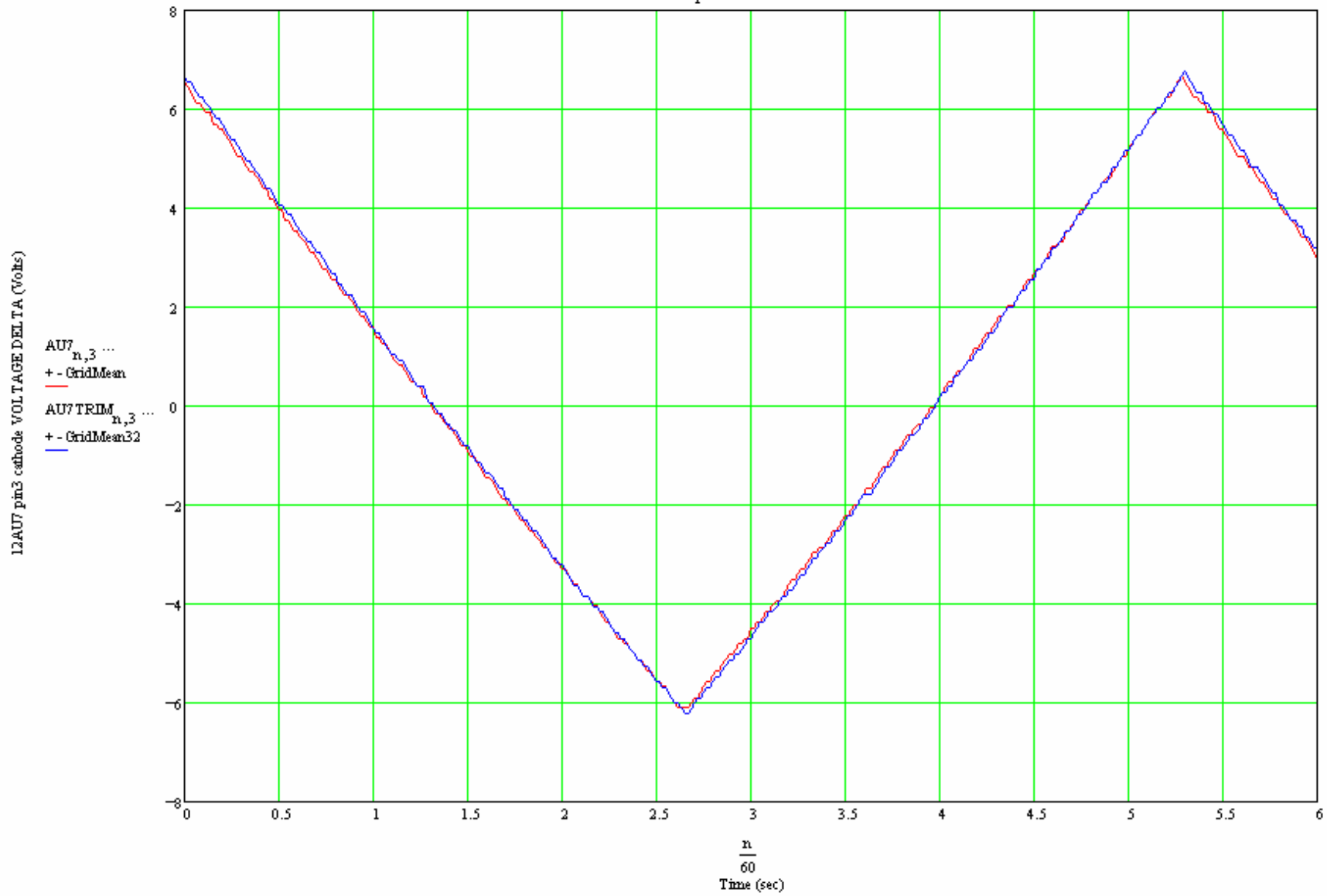
GridMean := mean(AU7<3>)

GridMean = -159.417

GridMean32 := mean(AU7TRIM<3>)

GridMean32 = -159.192

12AU7 pin3 cathode DELTA



GridMean := mean(AU7<1>).LevelShift

GridMean = -1.593

pp1 := (max(AU7<1>) - min(AU7<1>)).LevelShift

pp1 = 0.27

GridMean32 := mean(AU7TRIM<1>).LevelShift

GridMean32 = -1.43

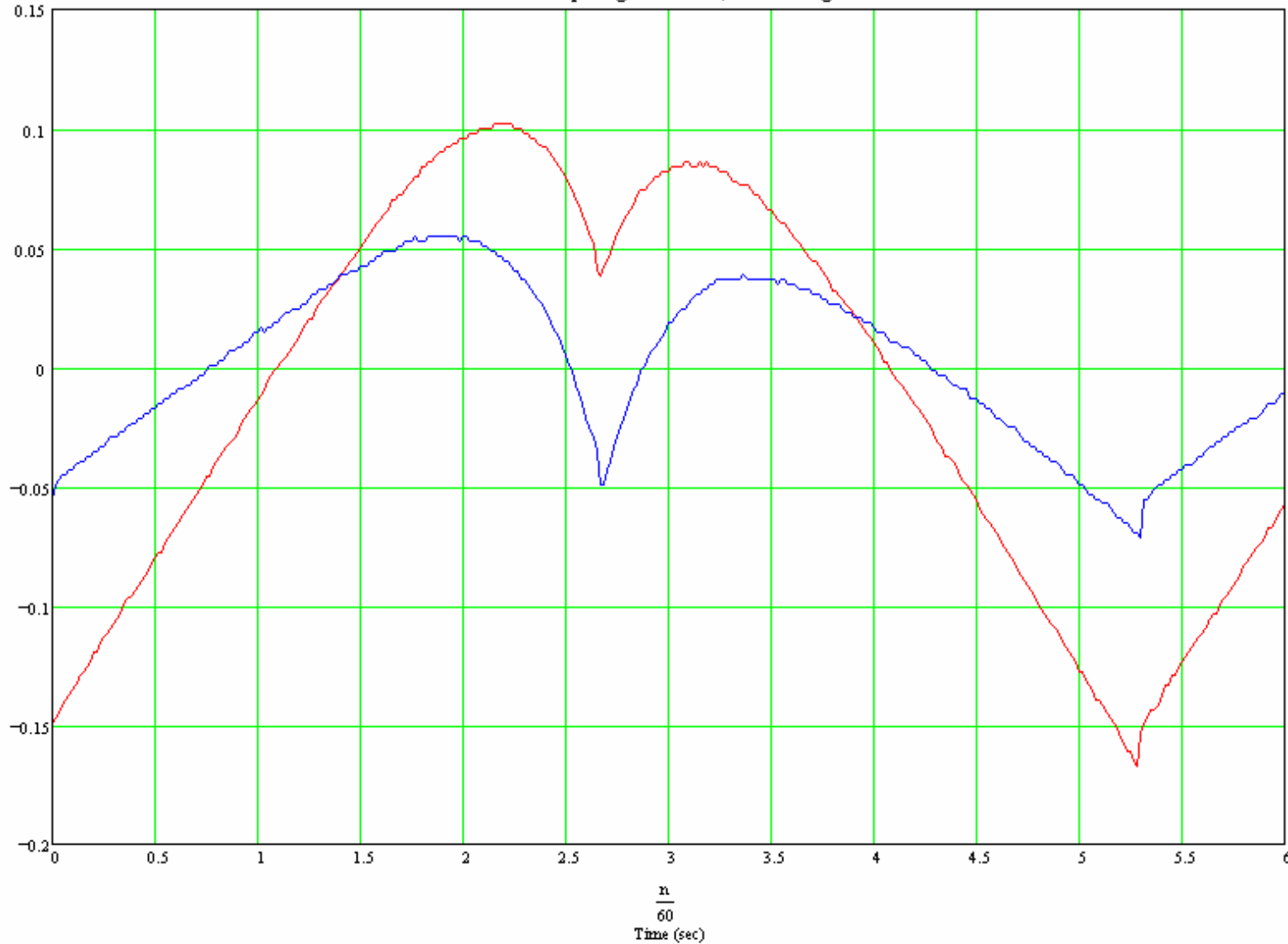
pp2 := (max(AU7TRIM<1>) - min(AU7TRIM<1>)).LevelShift

pp2 = 0.13

HAMMOND 12AU7

12AU7 pin2 grid DELTA, add 32Meg

12AU7 pin2 grid VOLTAGE DELTA (Volts)



AU7_{n,1}.LevelShift ...
 + - GridMean
 AU7TRIM_{n,1}.LevelShift ...
 + - GridMean32

AU7 := READPRN(AU7RCA) AU7TRIM := READPRN(AU7RCA10)

GridMeanTrim := mean(AU7TRIM<1>)·LevelShift GridMeanTrim = 2.77

GridMean := mean(AU7<1>)·LevelShift

GridMean = -1.593

pp1 := (max(AU7<1>) - min(AU7<1>))·LevelShift

pp1 = 0.70

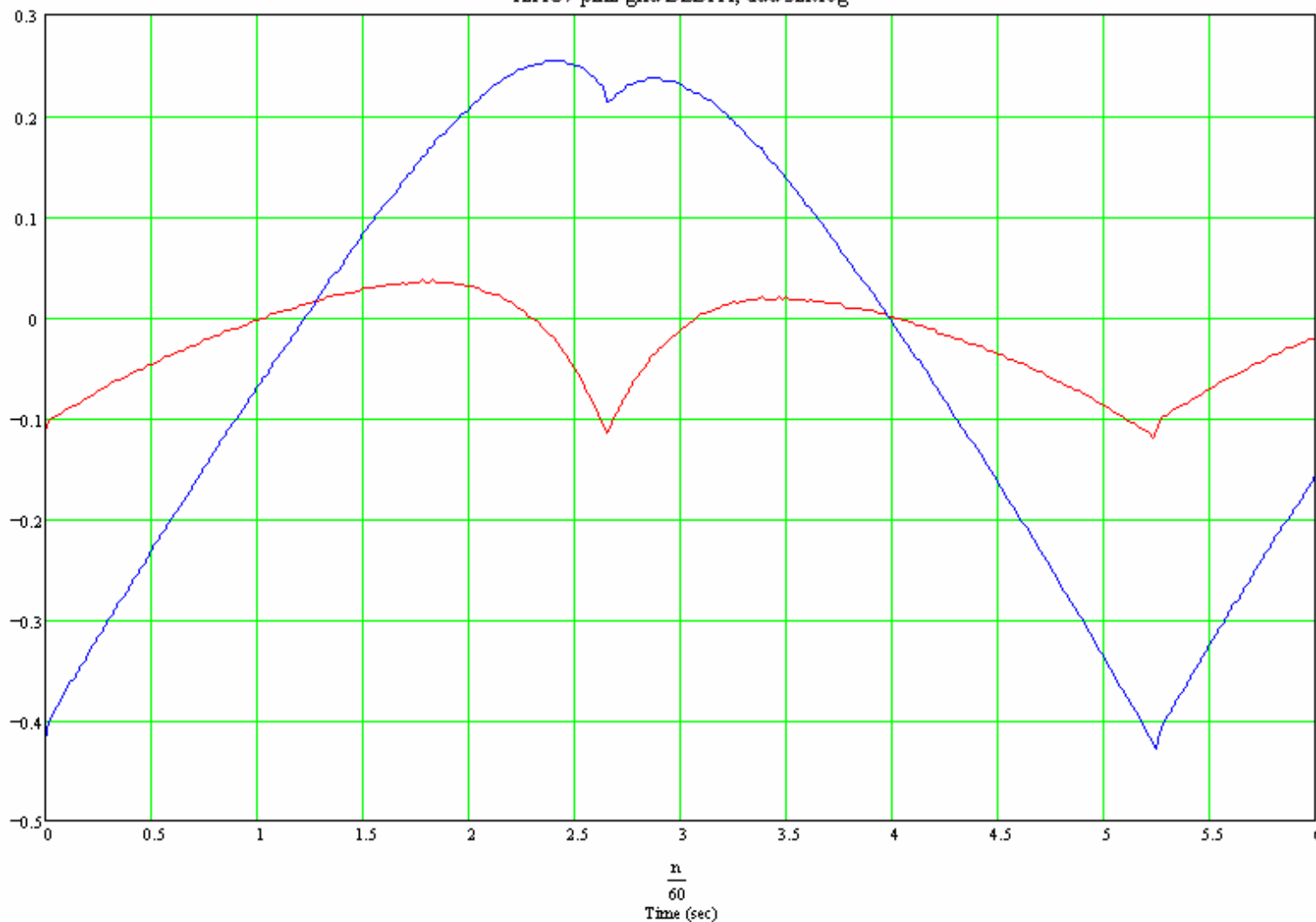
pp2 := (max(AU7TRIM<1>) - min(AU7TRIM<1>))·LevelShift

pp2 = 0.19

RCA 12AU7

12AU7 pin2 grid DELTA, add 32Meg

12AU7 pin2 grid VOLTAGE DELTA (Volts)



AU7TRIM_{n,1}·LevelShift ...
 +- GridMeanTrim
 AU7_{n,1}·LevelShift ...
 +- GridMean

```

AU7 := READPRN(AU7GE)      AU7TRIM := READPRN(AU7GE6_8)
GridMeanTrim := mean(AU7TRIM<1>)·LevelShift  GridMeanTrim = 3.155
GridMean := mean(AU7<1>)·LevelShift           GridMean = 2.279
    
```

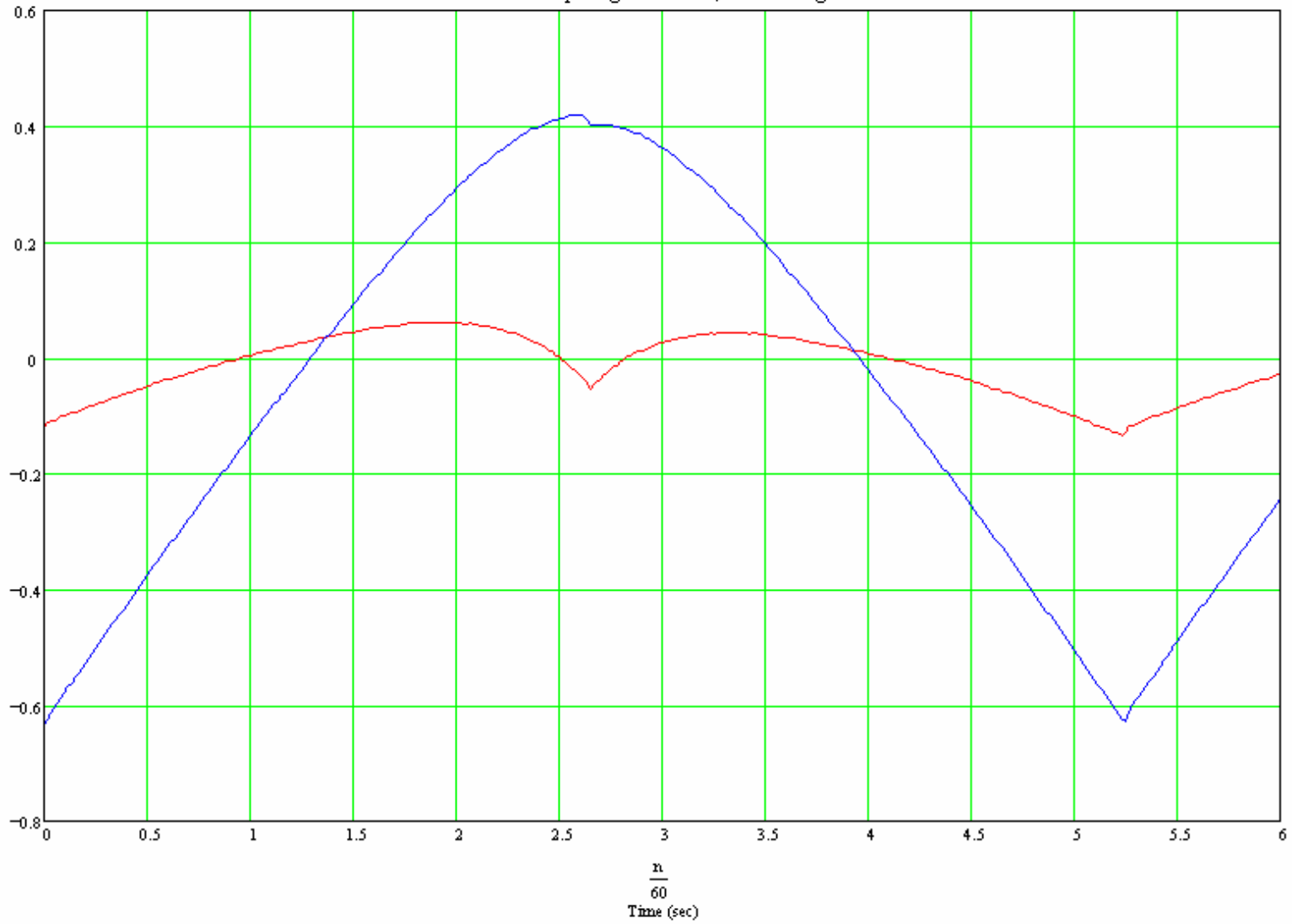
```

pp1 := (max(AU7<1>) - min(AU7<1>))·LevelShift      pp1 = 1.08
pp2 := (max(AU7TRIM<1>) - min(AU7TRIM<1>))·LevelShift  pp2 = 0.22
    
```

GE#2 12AU7

12AU7 pin2 grid DELTA, add 32Meg

12AU7 pin2 grid VOLTAGE DELTA (Volts)



AU7 := READPRN(AU7LOW) AU7TRIM := READPRN(AU7LOW2_2)
 GridMeanTrim := mean(AU7TRIM<1>)·LevelShift GridMeanTrim = 4.203
 GridMean := mean(AU7<1>)·LevelShift GridMean = 2.279

$$pp1 := (\max(AU7^{<1>}) - \min(AU7^{<1>})) \cdot \text{LevelShift}$$

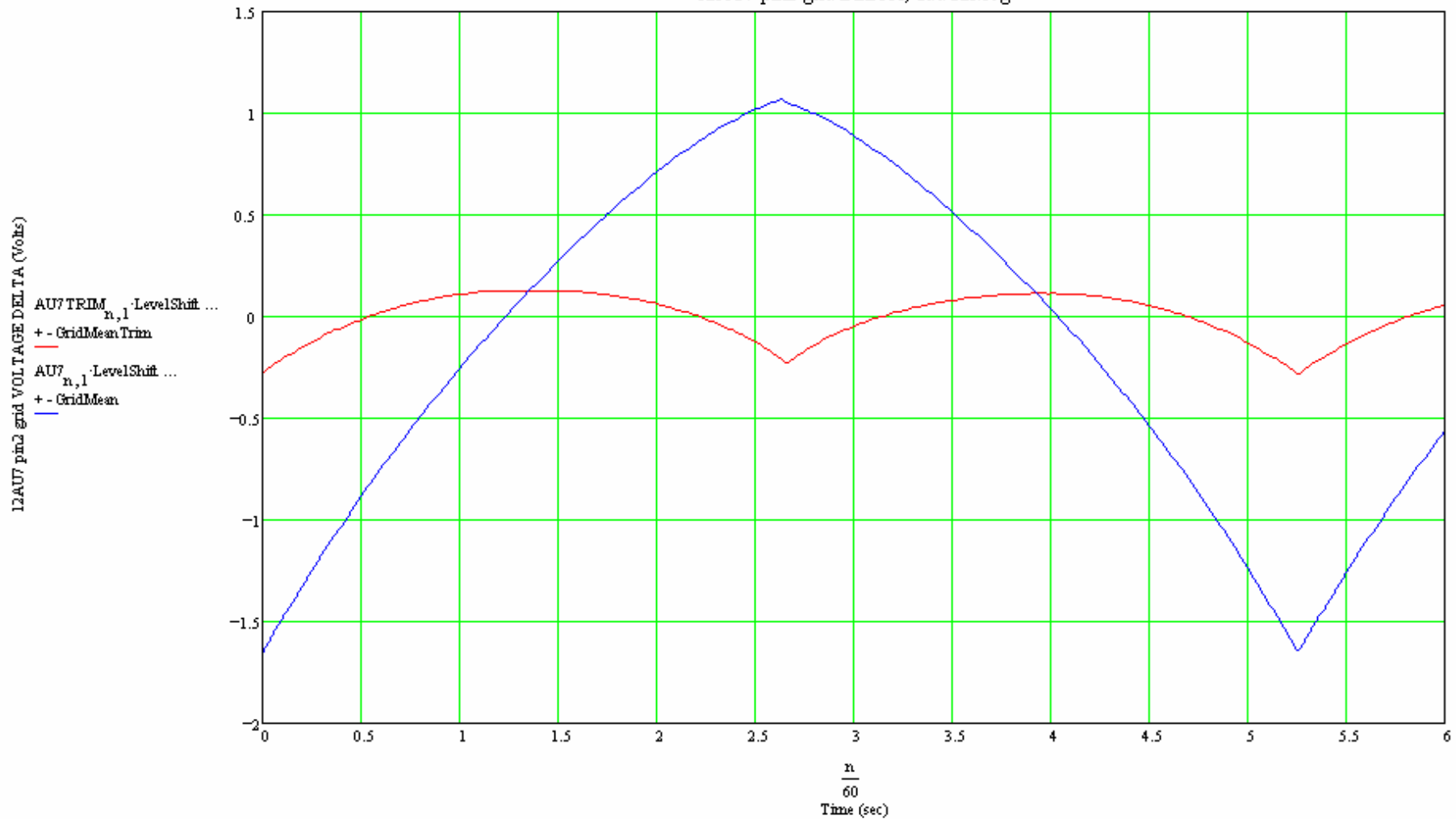
pp1 = 2.74

$$pp2 := (\max(AU7TRIM^{<1>}) - \min(AU7TRIM^{<1>})) \cdot \text{LevelShift}$$

pp2 = 0.42

LOWREY 12AU7

12AU7 pin2 grid DELTA, add 32Meg



AU7 := READPRN(AU7GEA) AU7TRIM := READPRN(AU7GEA1_25)
 GridMeanTrim := mean(AU7TRIM<1>).LevelShift GridMeanTrim = -0.862
 GridMean := mean(AU7<1>).LevelShift GridMean = -0.088

pp1 := (max(AU7<1>) - min(AU7<1>)).LevelShift

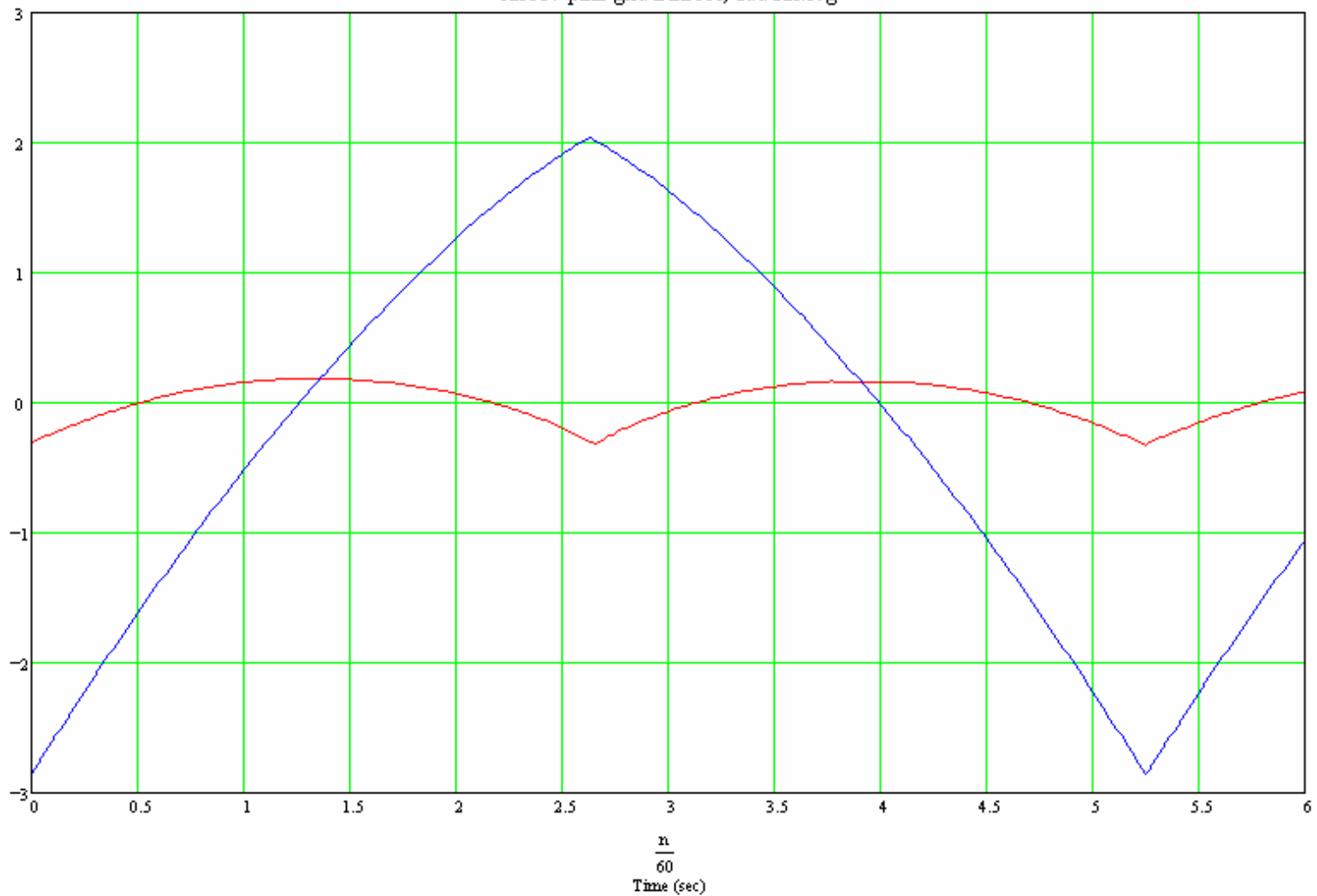
pp2 := (max(AU7TRIM<1>) - min(AU7TRIM<1>)).LevelShift pp1 = 4.93
 pp2 = 0.54

GE 12AU7

12AU7 pin2 grid DELTA, add 32Meg

12AU7 pin2 grid VOLTAGE DELTA (Volts)

AU7TRIM_{n,1}.LevelShift ...
 +- GridMeanTrim
 AU7_{n,1}.LevelShift ...
 +- GridMean



AU7 := READPRN(AU7BLA) AU7TRIM := READPRN(AU7BLA960)

GridMeanTrim := mean(AU7TRIM<1>)·LevelShift GridMeanTrim = -0.399

GridMean := mean(AU7<1>)·LevelShift GridMean = 0.108

pp1 := (max(AU7<1>) - min(AU7<1>))·LevelShift

pp2 := (max(AU7TRIM<1>) - min(AU7TRIM<1>))·LevelShift

pp1 = 6.39

pp2 = 0.54

Unbranded 12AU7

12AU7 pin2 grid DELTA, add 32Meg

