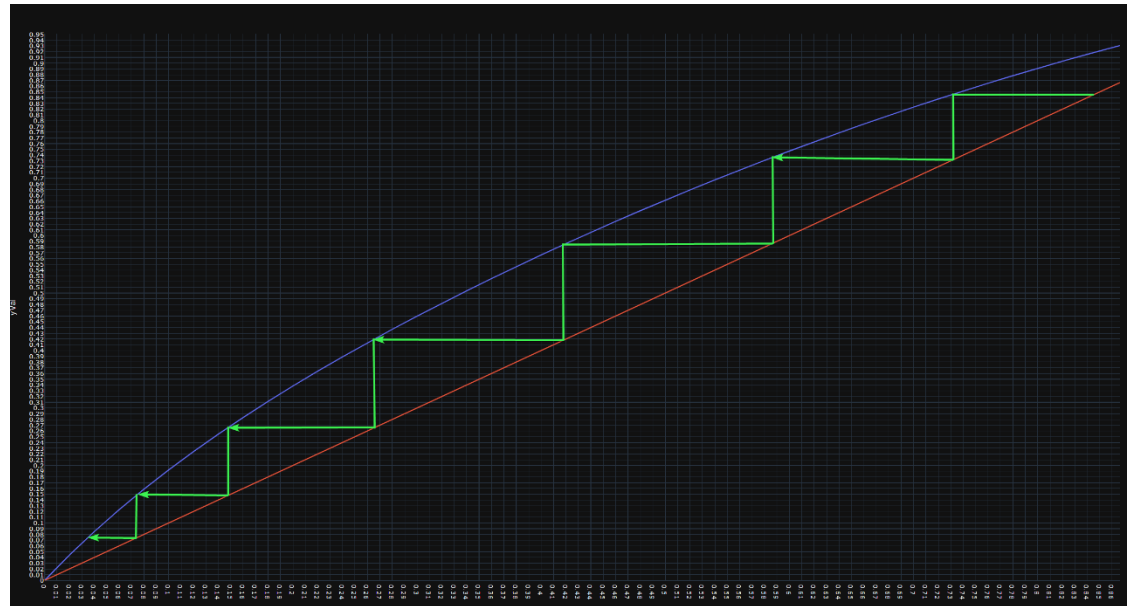
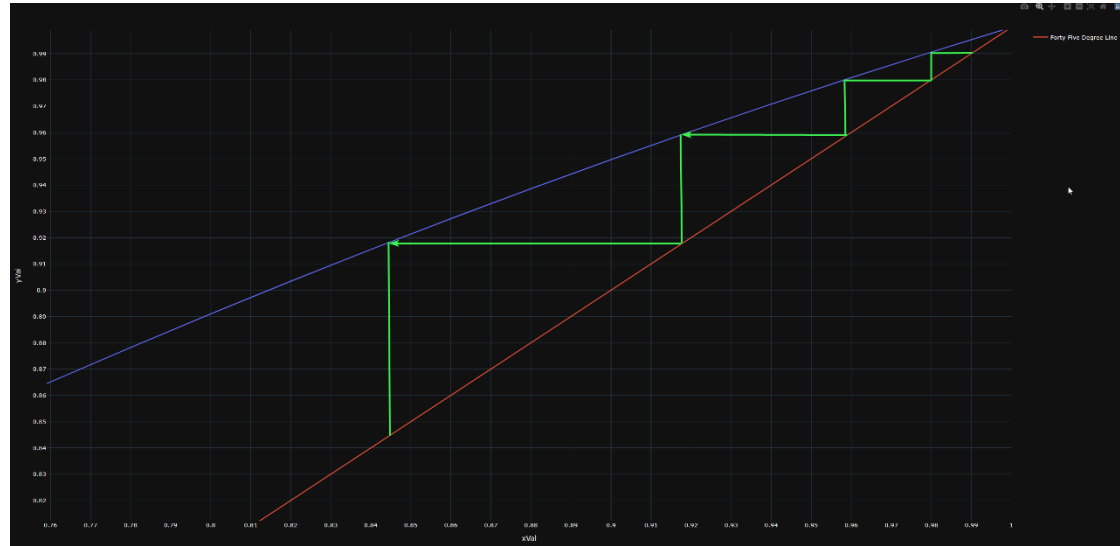
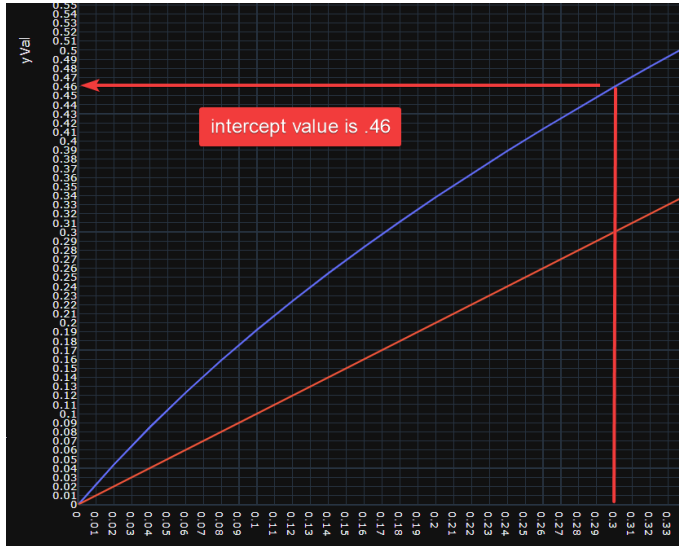


File: <https://github.com/hunterviolette/CHE362/blob/master/scripts/hw9.py>

Methods: <https://github.com/hunterviolette/CHE362/blob/master/scripts/baseFunctions.py>

PROBLEM 1 B MINIMUM 13 TRAYS



File: <https://github.com/hunterviolette/CHE362/blob/master/scripts/hw9.py>

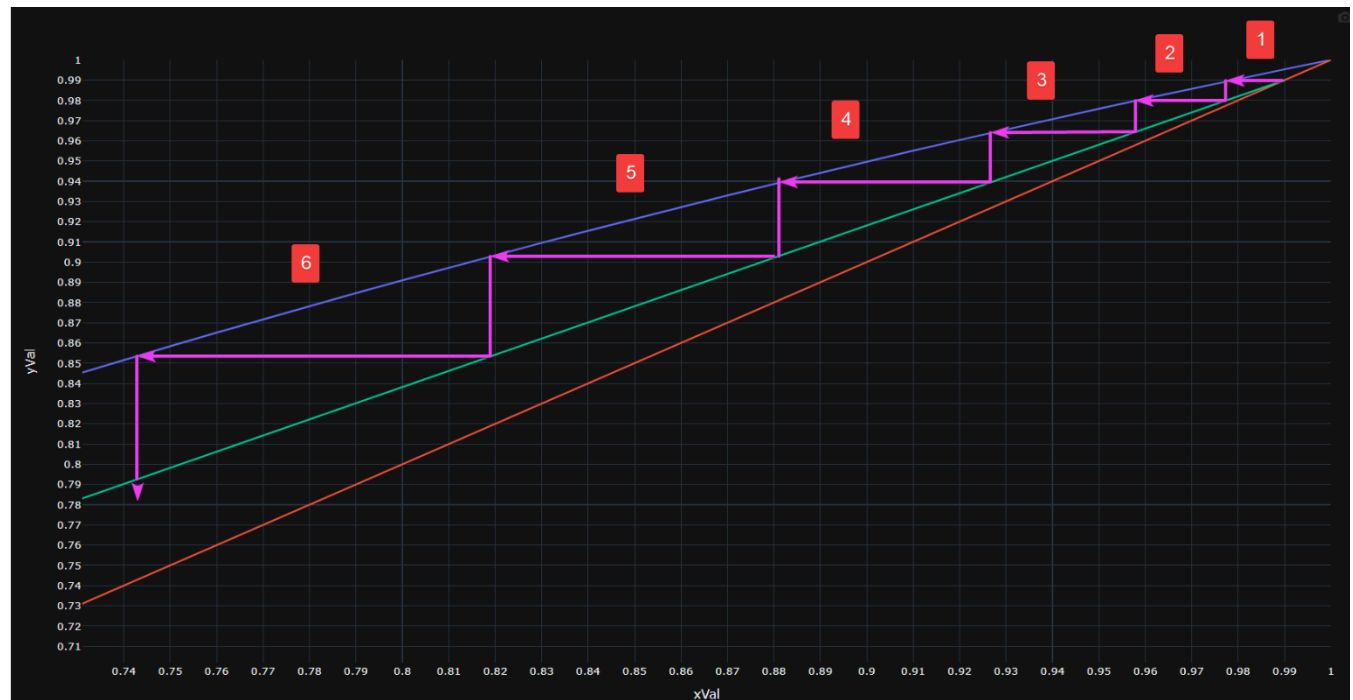
Methods: <https://github.com/hunterviolette/CHE362/blob/master/scripts/baseFunctions.py>

PROBLEM 1 A/B/D

```
Flow rates: {B: 352040.816326531*mole/hour, D: 147959.183673469*mole/hour}  
Rmin: 3.31250000000000, R: 3.97500000000000  
Part D: 6720.21744968821 kW
```

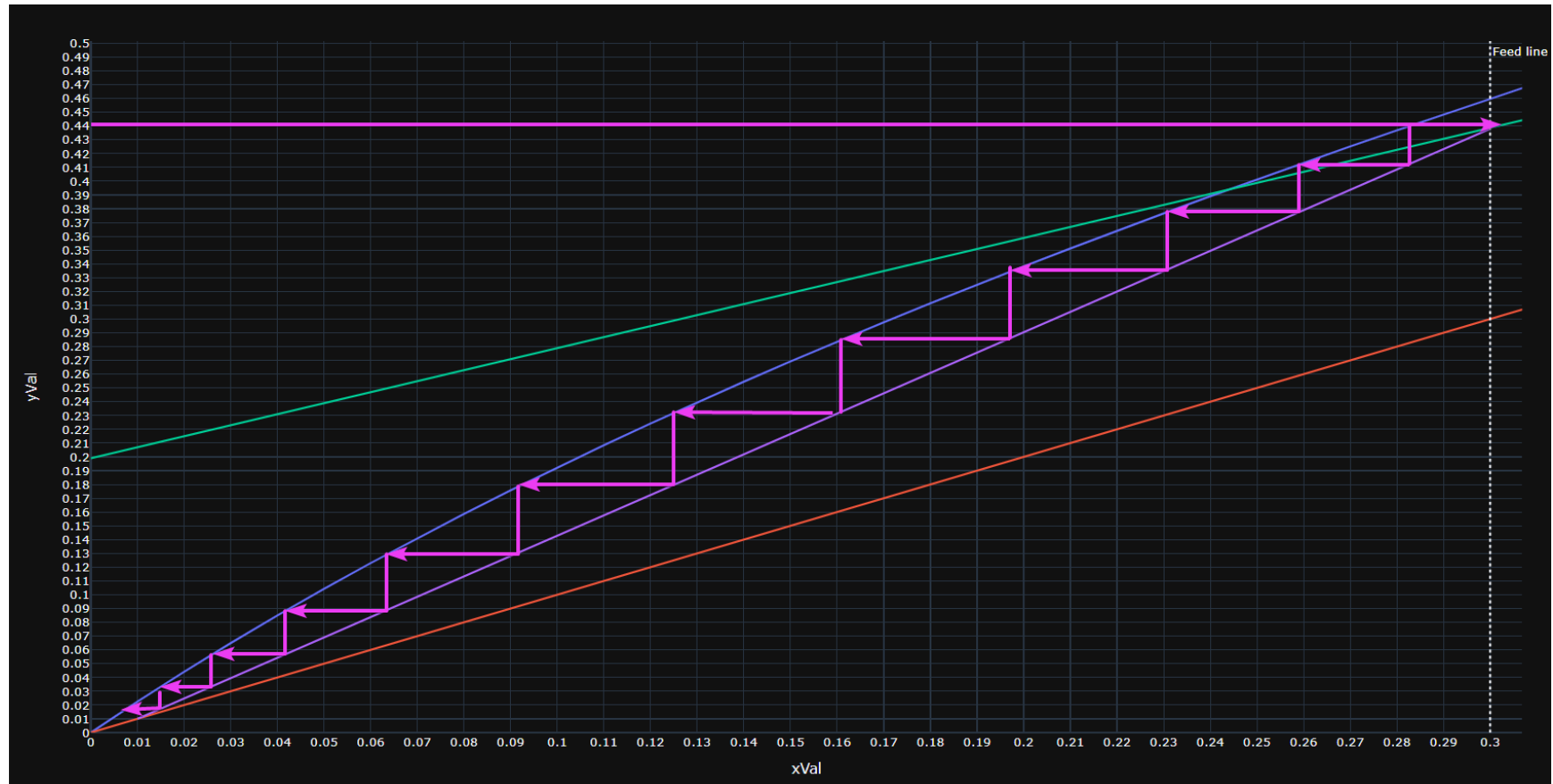
PROBLEM 1C

25 STAGES, FEED
TRAY AT STAGE 14



File: <https://github.com/hunterviolette/CHE362/blob/master/scripts/hw9.py>

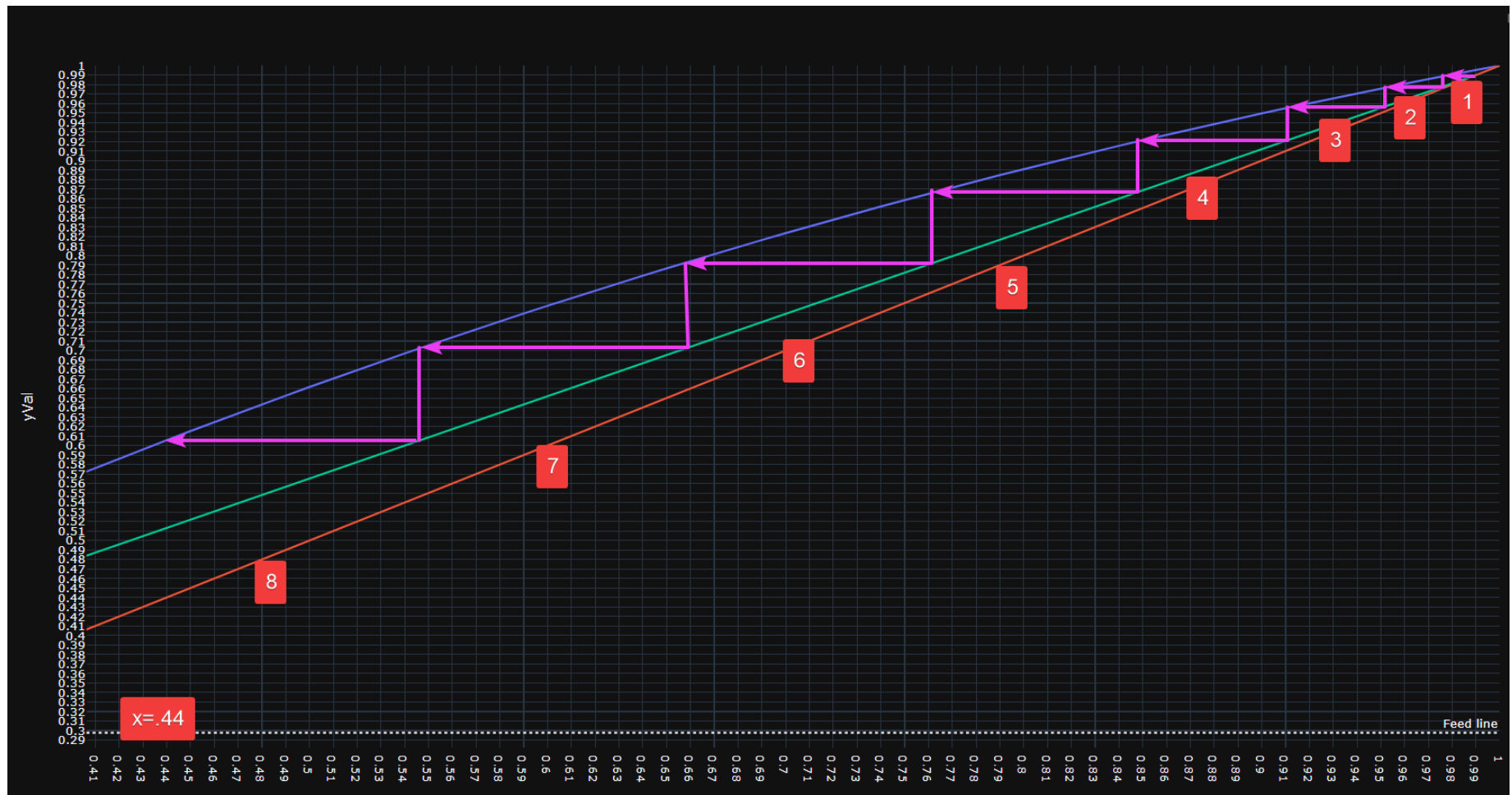
Methods: <https://github.com/hunterviolette/CHE362/blob/master/scripts/baseFunctions.py>



File: <https://github.com/hunterviolette/CHE362/blob/master/scripts/hw9.py>

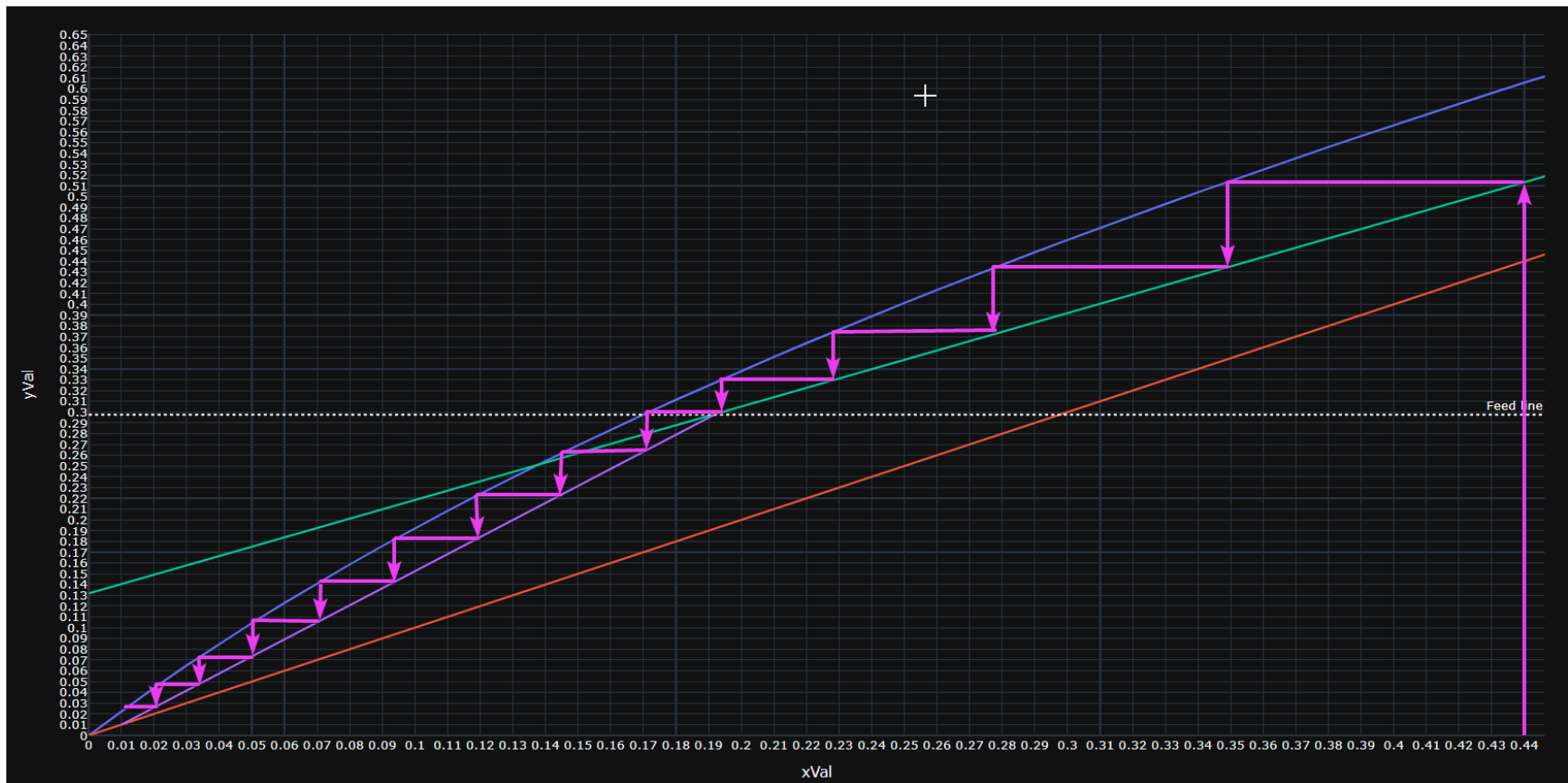
Methods: <https://github.com/hunterviolette/CHE362/blob/master/scripts/baseFunctions.py>

PROBLEM 2 – 21 STAGES, FEED TRAY AT STAGE 12



File: <https://github.com/hunterviolette/CHE362/blob/master/scripts/hw9.py>

Methods: <https://github.com/hunterviolette/CHE362/blob/master/scripts/baseFunctions.py>



Rmin: 5.42633228840125, R: 6.51159874608150

File: <https://github.com/hunterviolette/CHE362/blob/master/scripts/hw9.py>

Methods: <https://github.com/hunterviolette/CHE362/blob/master/scripts/baseFunctions.py>

PROBLEM 3 B/C

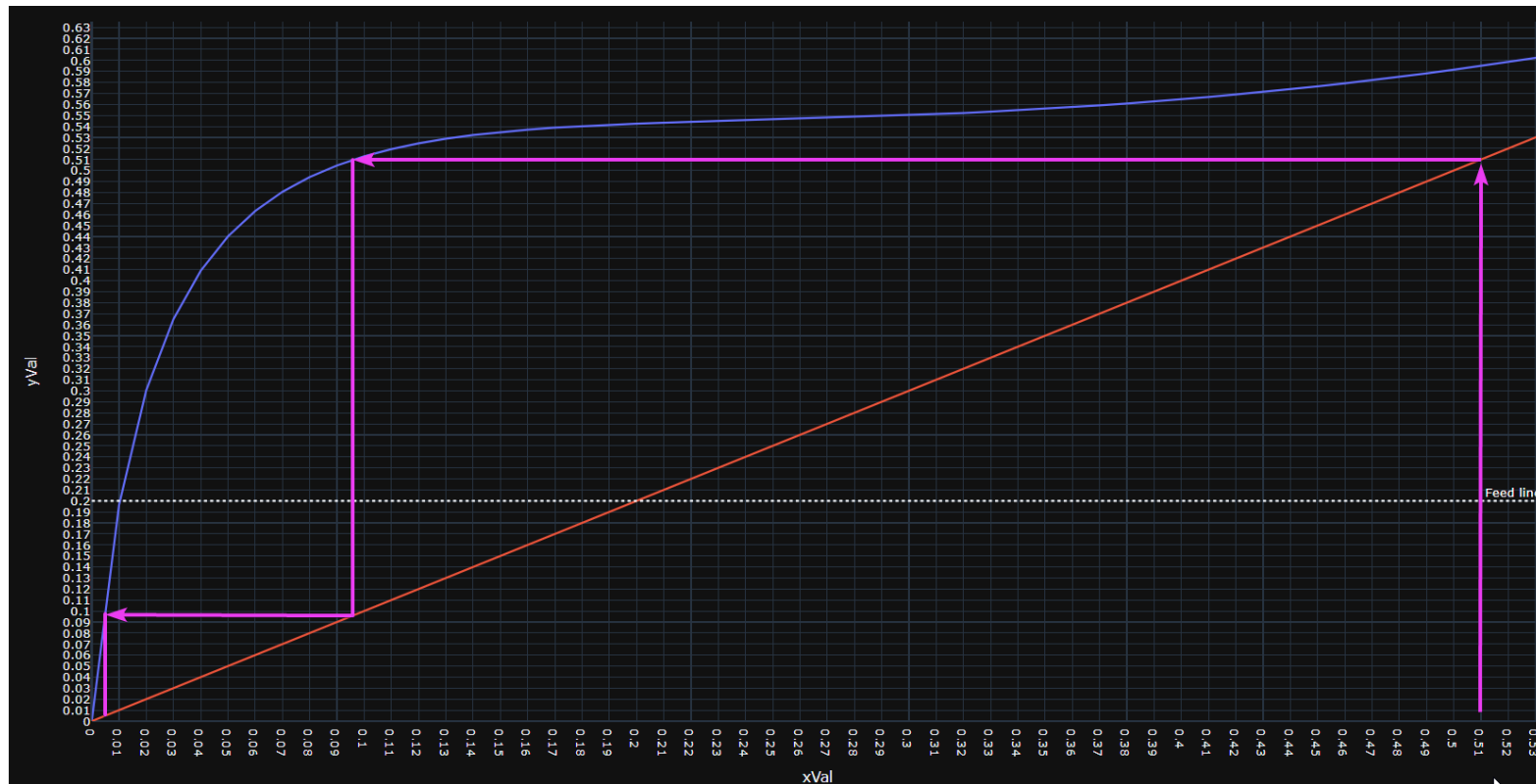
Flow rates: {B: 70312.5*mole/hour, D: 29687.5*mole/hour}

Rmin: 0.66666666666667, R: 1.00000000000000



File: <https://github.com/hunterviolette/CHE362/blob/master/scripts/hw9.py>

Methods: <https://github.com/hunterviolette/CHE362/blob/master/scripts/baseFunctions.py>

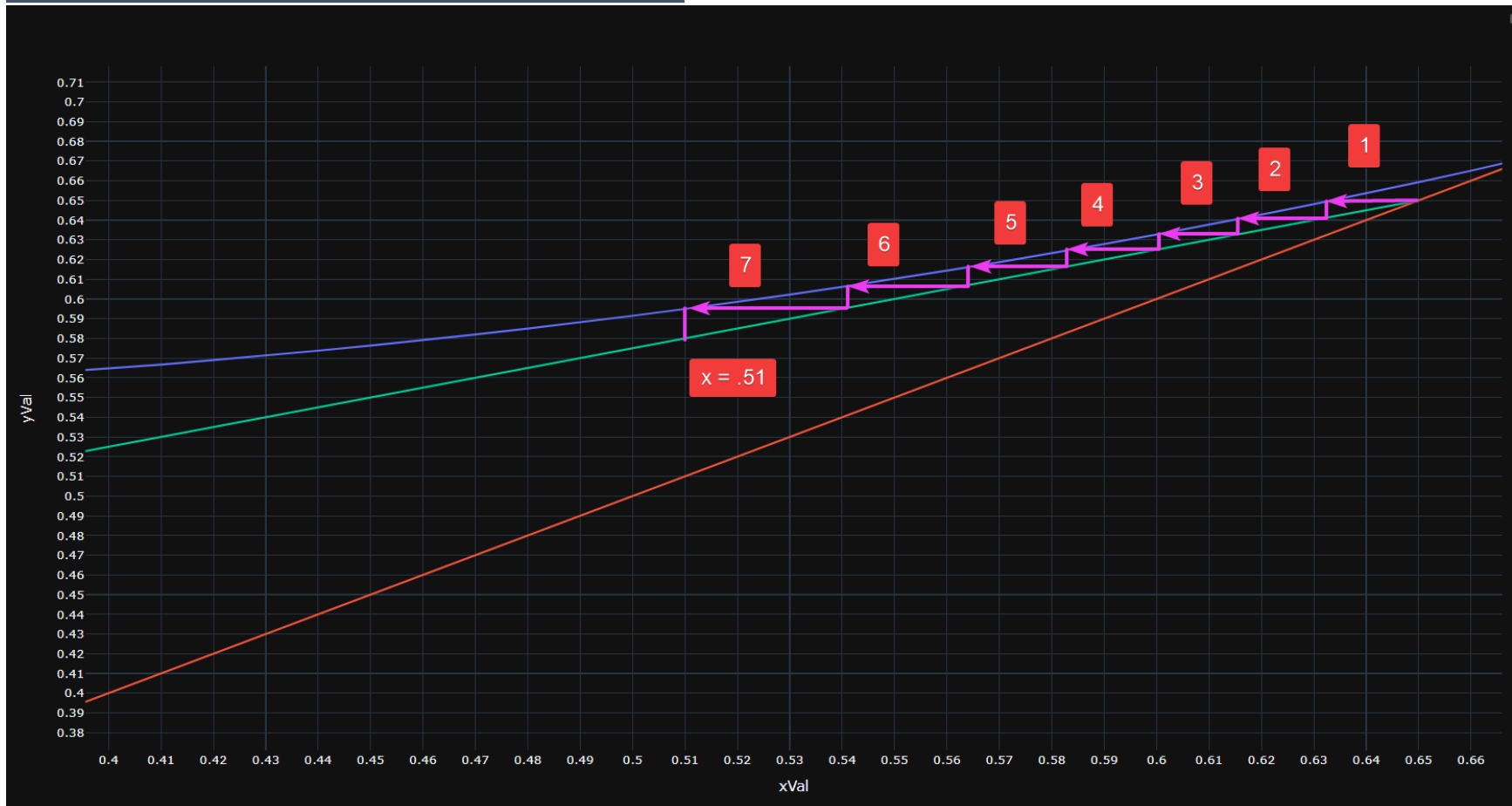


MINIMUM STAGES - 5

File: <https://github.com/hunterviolette/CHE362/blob/master/scripts/hw9.py>

Methods: <https://github.com/hunterviolette/CHE362/blob/master/scripts/baseFunctions.py>

11 IDEAL TRAYS, FEED TRAY AT STAGE 10



File: <https://github.com/huntviolette/CHE362/blob/master/scripts/hw9.py>

Methods: <https://github.com/huntviolette/CHE362/blob/master/scripts/baseFunctions.py>

