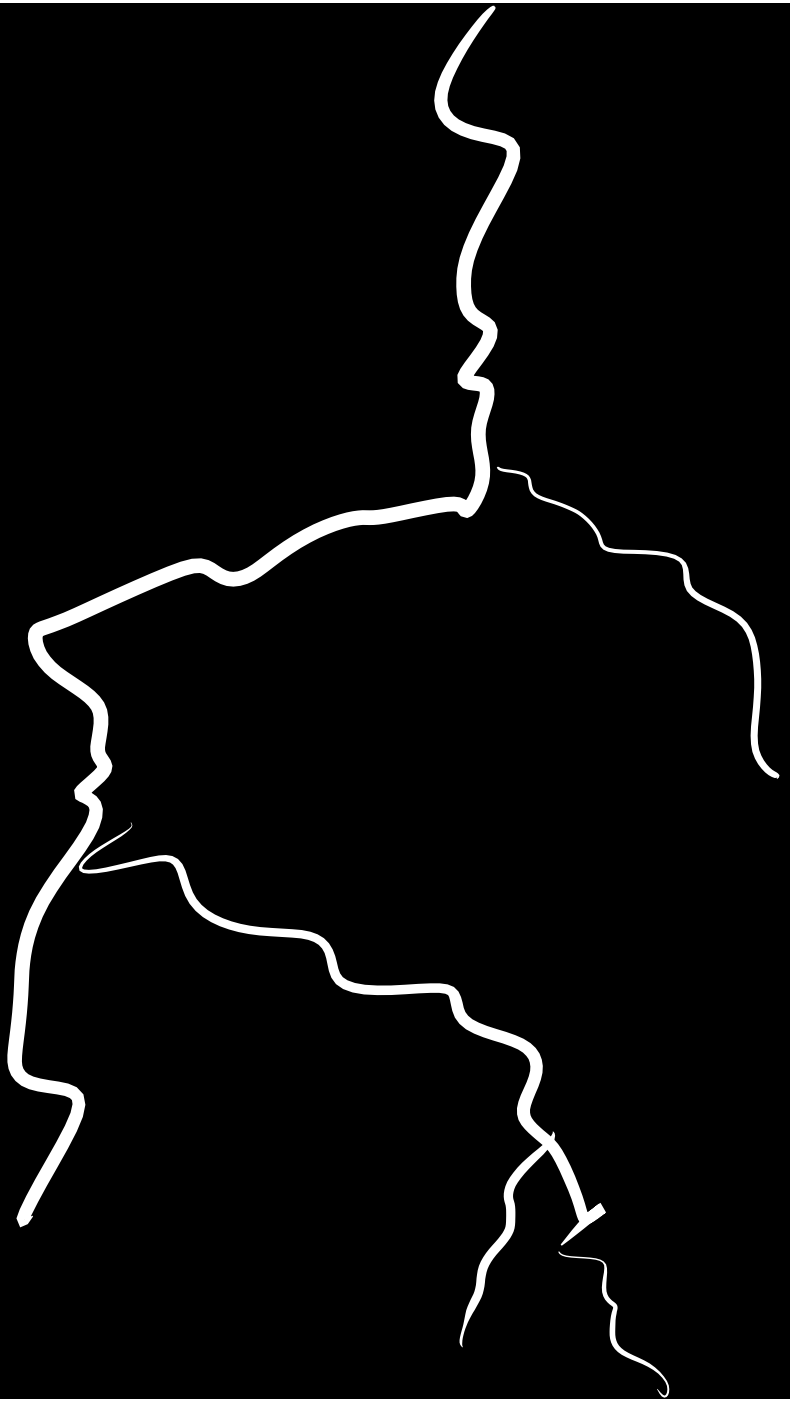
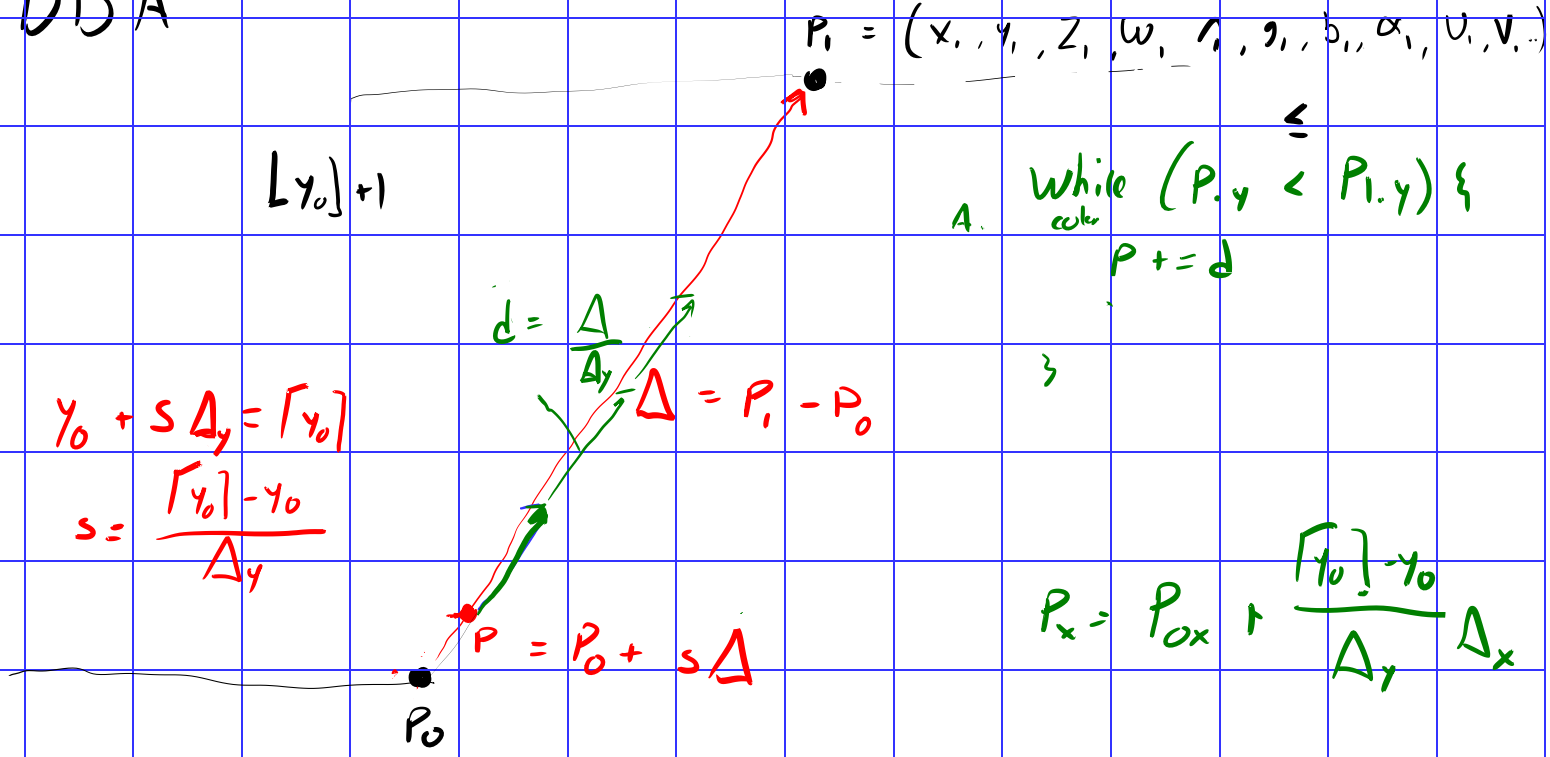


Black body Radiation

400 nm

750 nm

DDA



A. $\leq$

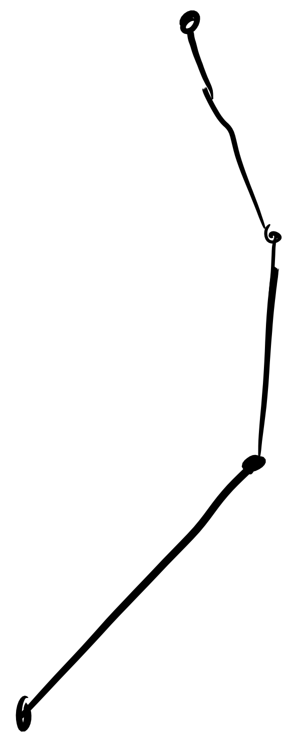
```
while (P.y < P1.y) {
    P += d
}
```

$$P_x = P_{0x} + \frac{\lceil y_0 \rceil - y_0}{\Delta_y} \Delta_x$$

Polyline

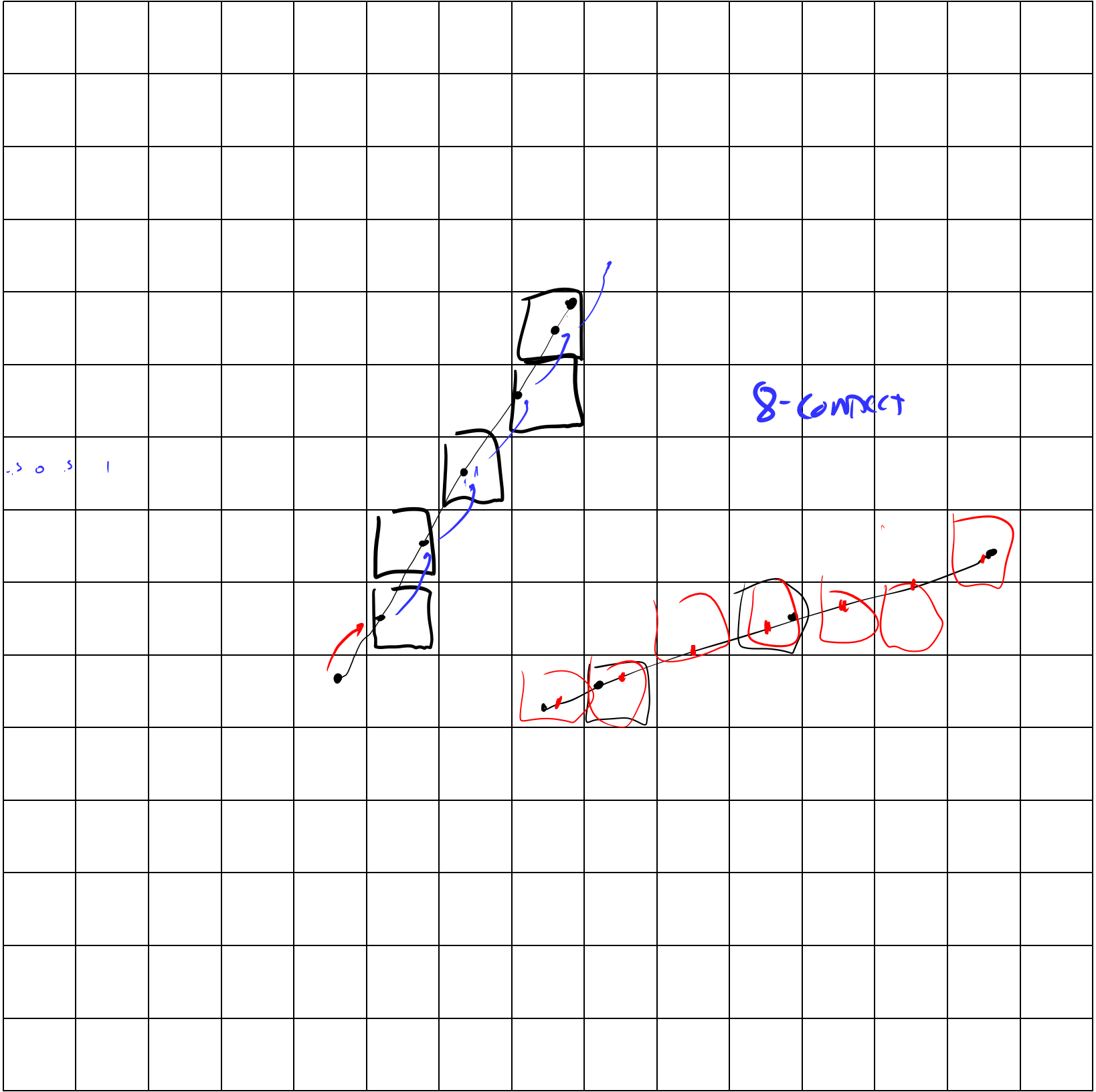
[,)

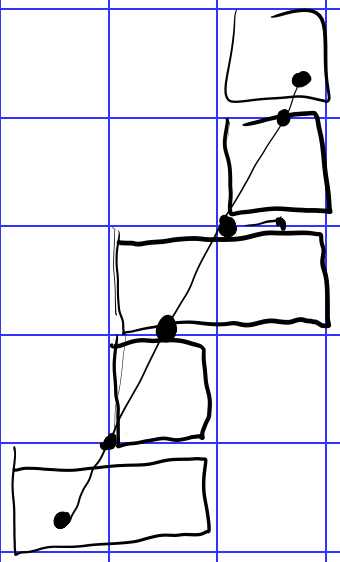
(,]



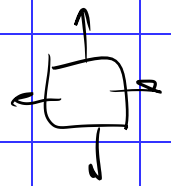
$p = P_0 + s\Delta; \quad p_y < P_1.y; \; p += d)$

```
for (int i = 0; i<n, i+=1){
    use i
}
```

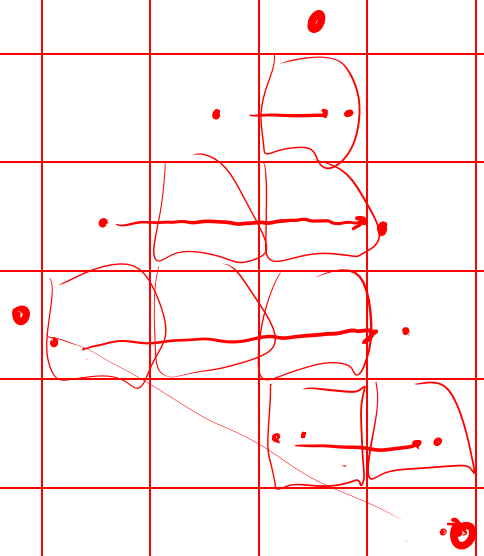

8-contact



4-connect



[,)



Mixed numbers

$$\begin{array}{r} .7 \\ \times\ 2.3 \\ \hline 21 \\ 14 \\ 1.61 \end{array}$$

$$a + \frac{b}{c}$$

$$\Delta = (4.7,\ 2.3)$$

$$\frac{\Delta}{\Delta_y} = \left(2\tfrac{0.1}{2.3},\ 1\right)$$

$$x = 1.7$$

$$x = \boxed{1 + \frac{1.61}{2.3}} + 2 + \frac{0.1}{2.3}$$

Bresenham

$$3 + \frac{1.71}{2.3}$$

$$5 + \frac{1.81}{2.3}$$

$$7 + \frac{1.91}{2.3}$$

$$9 + \frac{2.01}{2.3}$$

$$11 + \frac{2.11}{2.3}$$

$$13 + \frac{2.21}{2.3}$$

$$15 + \frac{2.31}{2.3}$$

$$16 + \frac{0.01}{2.3}$$