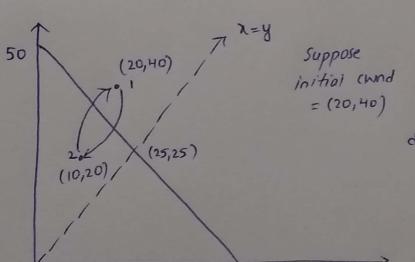


As we can see the cwnd never converges to fairness point (25,25) & also it moves to fairness point (25,25) & also it moves away from the fairness line, so this approach is not fair.

2) Multiplicative Increase multiplicative decrease => Suppose multiplication factor = 2



multiplicative decrease

factor = 2

Consider

point $1 = \frac{\text{Initial cr}}{(20, 40)}$

 $\int_{1}^{1} point 2 = (10, 20)$ $\int_{2}^{1} point 1 = (20, 40)$ $\int_{2}^{1} point 2$ $\int_{2}^{1} point 4 = (10, 20)$

As we can see the chind never converges to fairness point (25,25), it always ping pongs between the same two points, so

this approach is

also not fair.

