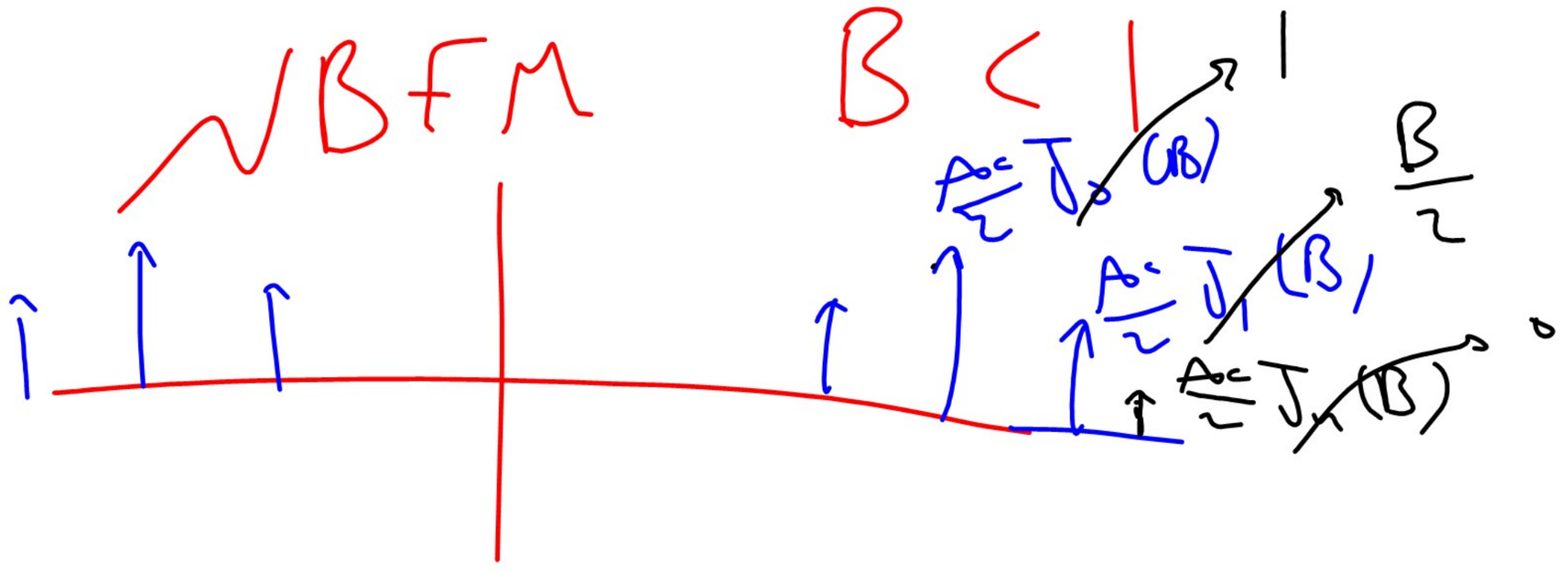
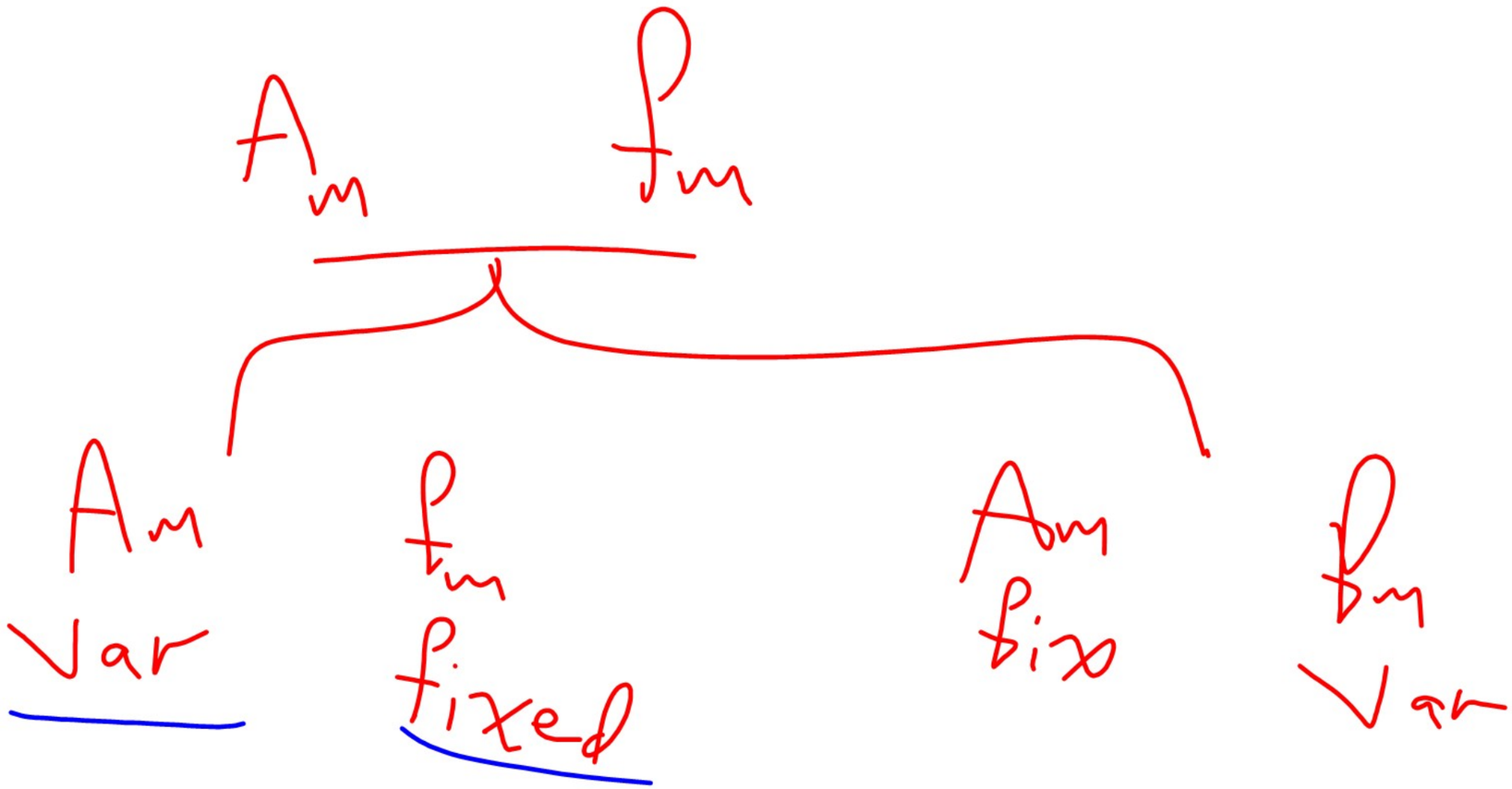

NBFM
B < 1
Ac J0 (B)
B/2
Ac J1 (B)
Ac J2 (B)



$$\Delta f = k_f A_m$$

$$\beta = \frac{\Delta f}{f_m}$$

① Carson's rule (approx)

$$B_T = 2\Delta f + 2f_m$$

Under estimation for actual value

$$B_T = 2\Delta f\left(1 + \frac{1}{\beta}\right)$$

$$= 2f_m(1+\beta)$$

Bessel table $|J_n(\beta)| \geq 0.01$

n / β	0.1	0.5	1	2	-	-
0			0.2			
1			0.1			
2			- 0.05			
3			- 0.02			
4			0.009			
⋮						

$J_0(1)$

$J_1(1)$

$$B_T = 2 n_{max} f_m$$