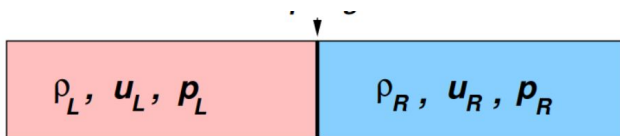
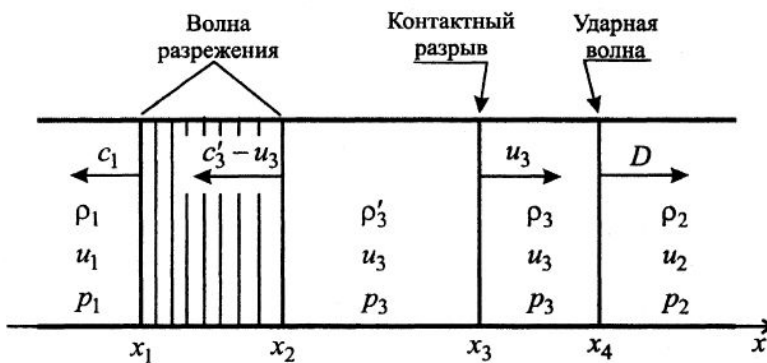


Assumptions

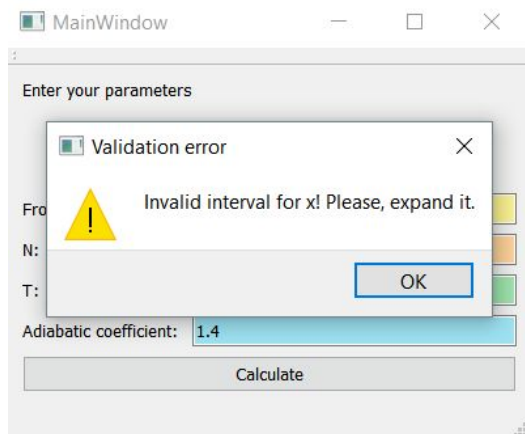
- 1) We consider that half of space is filled with gas A, another half is filled with gas B



- 2) x_1, x_2, x_3, x_4 correspond to



- 3) If your left_border is more than x_1 ($x_{\text{left}} > x_1$) or your right_border is less than x_4 ($x_{\text{right}} < x_4$), an exception will appear.



So you should decrease your left border or increase the right one.

- 4) If your interval is correct, you will receive nice and correct charts.