T.9

	2	3	4	5
I поток	33	43	80	144	$\frac{1}{2}$
II поток	39	35	72	154	$\frac{1}{2}$
	$\frac{72}{600}$	$\frac{78}{600}$	$\frac{152}{600}$	$\frac{298}{600}$	

H_0: потока однородны

H_1: $\overline{H_0}$

$$\Delta_1 = \frac{(33-36)^2}{36} + \frac{(43-39)^2}{39} + \frac{\left(80 - \frac{152}{2}\right)^2}{\frac{152}{2}} +$$

$$+ \frac{\left(144 - \frac{298}{2}\right)^2}{\frac{298}{2}} \approx 1{,}04$$

$$\Delta_2 = \frac{\left(39 - \frac{72}{2}\right)^2}{\frac{72}{2}} + \frac{\left(35 - \frac{78}{2}\right)^2}{\frac{78}{2}} + \frac{\left(72 - \frac{152}{2}\right)^2}{\frac{152}{2}} +$$

$$+ \frac{\left(154 - \frac{298}{2}\right)^2}{\frac{298}{2}} \approx 1{,}04$$

$$P\text{-value} = P(\Delta \geq \tilde{\Delta} \mid H_0) = \int_{2{,}08}^{+\infty} q(t)\,dt \approx 0{,}556$$

$\Rightarrow$ нет оснований отвергнуть H_0