

Для  $\rho_1 = 0.81$ :

$$w_{cp} = \frac{\rho v_{cp}}{1 - \rho} = \frac{0.81 * 400}{1 - 0.81} = 1705.263$$

$$u_{cp} = w_{cp} + v_{cp} = 1705.263 + 400 = 2105.263$$

$$l_{cp} = \lambda w_{cp} = 0.00203 * 1705.263 = 3.462$$

$$m_{cp} = l_{cp} + \rho = 3.462 + 0.81 = 4.272$$

Для  $\rho_3 = 0.45$ :

$$w_{cp} = \frac{\rho v_{cp}}{1 - \rho} = \frac{0.45 * 400}{1 - 0.45} = 327.273$$

$$u_{cp} = w_{cp} + v_{cp} = 327.273 + 400 = 727.273$$

$$l_{cp} = \lambda w_{cp} = 0.00113 * 327.273 = 0.37$$

$$m_{cp} = l_{cp} + \rho = 0.37 + 0.45 = 0.82$$