

()

(1):

$$W \nabla T = \chi \cdot \Delta T;$$

$$(W \nabla) W = -\nabla \frac{P}{\rho} + \nu \Delta W;$$

$$\operatorname{div} W = 0,$$

(1)

, V -
, W -

(1)

1)

2)

(1):

$$P_{\text{сум}} = 0,148 \cdot \rho \cdot W_c^2 \cdot \frac{H}{t} \left\{ \frac{[\operatorname{Re}_c - XA + 36,9 \cdot (X \cdot A)^{0,625}]^{0,3}}{\operatorname{Re}_c \cdot \cos \varphi \cdot \cos \alpha} + 3 \cdot \varphi^2 \cdot \sin \varphi \right\}$$

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