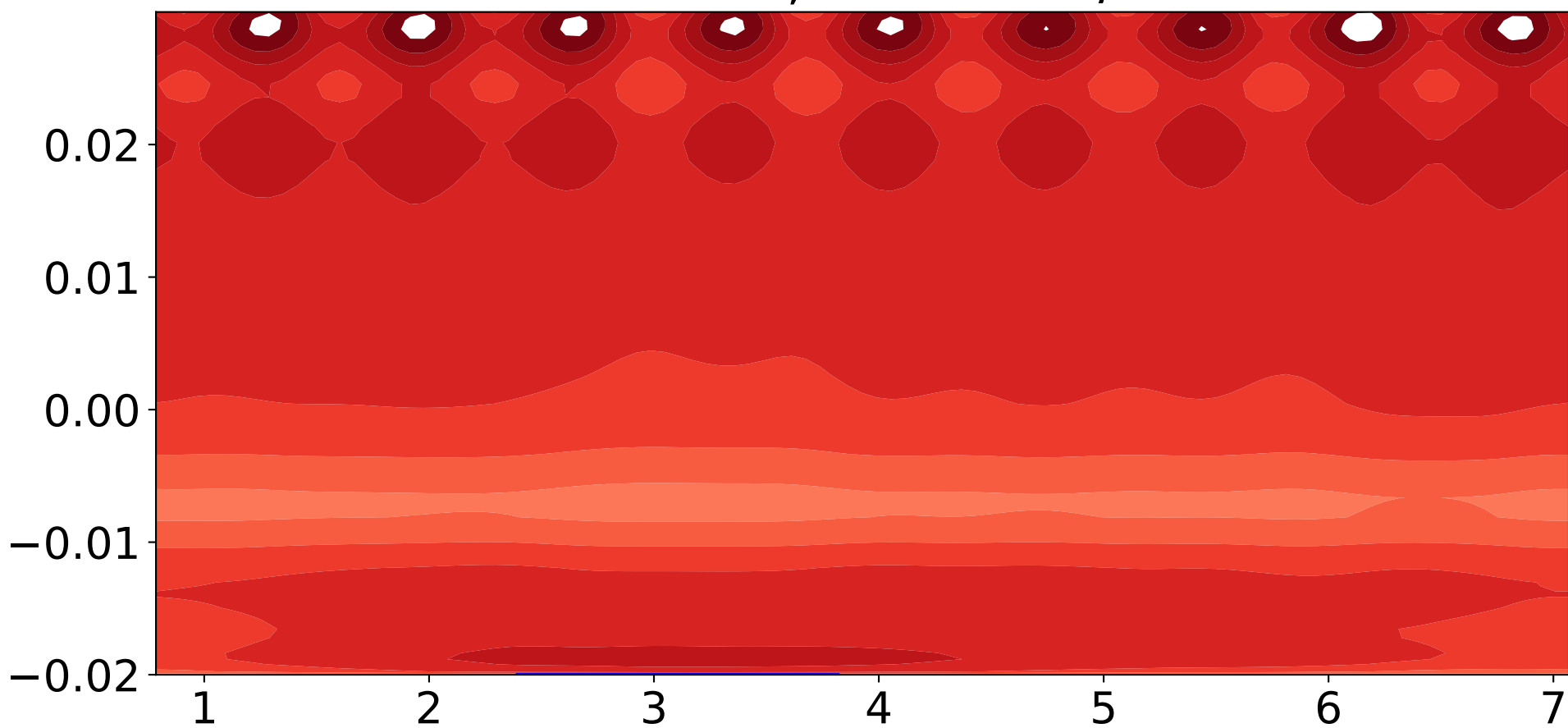


$\alpha = 50^\circ, V = 11.0 \text{ m/s}$



$\alpha = 0^\circ, V = 11.0 \text{ m/s}$

