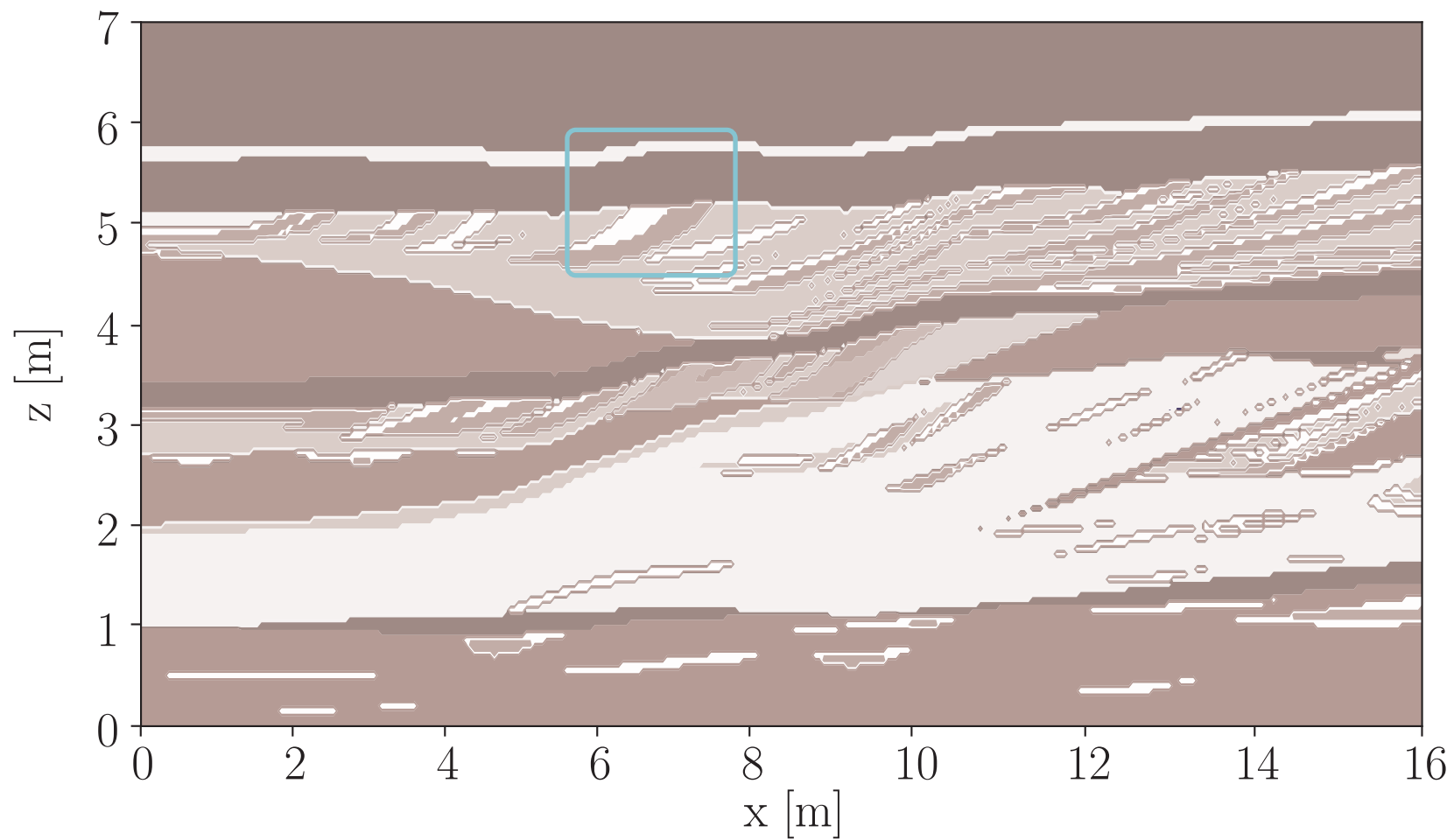


(a)



k [m/s]	$1.3 \cdot 10^{-1}$	$9.5 \cdot 10^{-2}$	$2.6 \cdot 10^{-2}$	$2.3 \cdot 10^{-3}$	$1.4 \cdot 10^{-4}$	$2.3 \cdot 10^{-4}$	$2.5 \cdot 10^{-4}$	$4.3 \cdot 10^{-5}$	$6.1 \cdot 10^{-5}$	$6.0 \cdot 10^{-7}$
ϕ [-]	0.26	0.23	0.26	0.27	0.36	0.15	0.17	0.22	0.13	0.20
K [Pa \cdot 10 ⁷]	10.2	9.65	10.2	10.4	13.3	8.55	8.78	9.48	8.33	9.18
G [Pa \cdot 10 ⁷]	3.67	3.45	3.54	3.75	3.85	3.25	3.29	3.42	2.85	3.29

(b)

Automatic mesh refinement

 $t = 0.0$ s $t = 1.0 \cdot 10^{-3}$ s $t = 1.0 \cdot 10^{-2}$ s $t = 1.0 \cdot 10^{-1}$ s