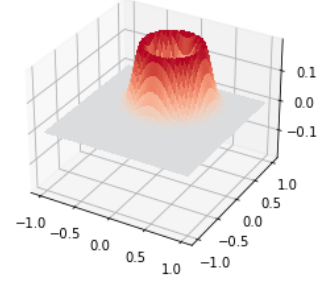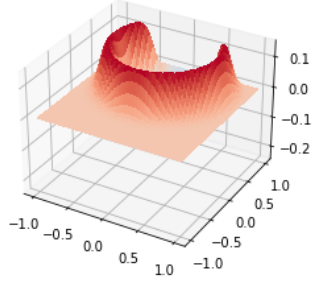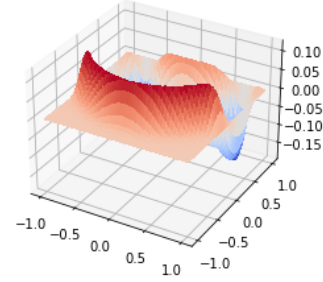(a) t = 0

(b) t = 0.33

(c) t = 0.67

(d) t = 1

Figure 1: Evolution of the numerical solution computed on a grid with 2302 nodes on each strip. Horizontal strips were shared amongst 20 processes.

Number of processes	1	2	5	10	20
Computation times (s)	1299	957	406	206	118
Speed-ups	1	1.36	3.20	6.31	11.01
Efficiencies	1	0.68	0.64	0.63	0.55

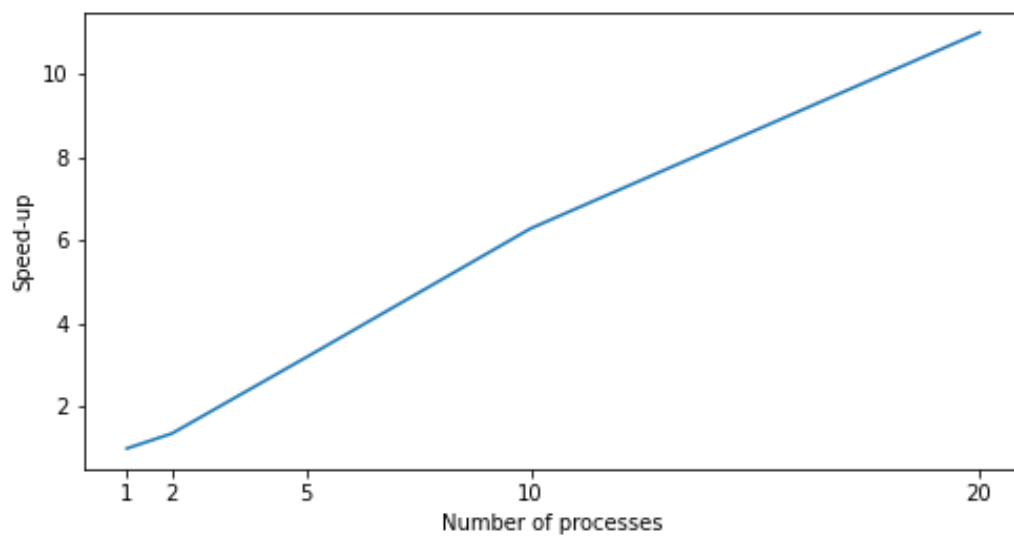Table 1: For 2302 grid points on each strip and horizontal stip halo-swapping.

Figure 2: Strong Scaling: Speed-up against number of processes. With 2302 grid points on each strip and horizontal stip halo-swapping.