$\partial_{t^*}(u_i^*) + \quad \frac{1}{Re}$

$$Re = \frac{u_{ref} L_{ref}}{\nu_{ref}} \qquad t^* = \frac{u_{ref}}{L_{ref}} t$$

$L_{ref} = 11 \cdot M = 55.88$ cm $\qquad M = 5.08$ cm

$u_{ref} = 27,19$ cm/s $\qquad u_0 = 1000$ cm/s

$\nu_{ref} = 1.5 \cdot 10^{-2}$ cm^2/s

$Re = 10129,1813$

$t^* = 0,4865784\, t$, $t = \frac{M}{u_0} t'$

$t = 5.08 \cdot 10^{-3}\, t'$

$t^* = 2.471818 \cdot 10^{-3}\, t'$

t'	t^*	
42	$0,103816$	$\downarrow 0,1384221$
98	$= 0,242381$	$\downarrow 0,3188641$
171	$= 0,422680$	

65 | $0,389822$

$\Delta t^* = 1.5432 \cdot 10^{-3}$

- run.1 $\Rightarrow$ 65 time steps
- kang rescaling
- run.2 $\Rightarrow$ write at 87
  200 time steps